

CURRENTS.— THE LOWER BAY,

Lat. 41° 58' 28" N.

Long. 65° 57' 00" W.

STATION A

FROM CAPE SPENCER LIGHT,
S. 26° W. 13½ Miles.

Depth 55 Fath.

Lat. 41° 41' 00" N.

Long. 66° 15' 30" W.

STATION B

FROM PRIME POINT LIGHT,
W. 26° N. 20½ Miles.

Depth 68 Fath.

Lat. 41° 31' 10" N.

Long. 66° 22' 40" W.

STATION C

FROM PETIT PASSAGE LIGHT,
N. 28° W. 9½ Miles.

Depth 48 Fath.

Tide at St. John, N.B.	Direction and Velocity of Current.		Tide at St. John, N.B.	Direction and Velocity of Current.		Tide at St. John, N.B.	Direction and Velocity of Current.	
At H.W.	N E b N.	0 76	At H.W.	N N E.	0 56	At H.W.	N E b E.	0 97
1 h. after	N b W	0 60	1 h. after	N'ward.	0 52	1 h. after	E S E.	0 64
2 h. "	W b N	0 97	2 h. "	W b N	0 79	2 h. "	S b W.	1 32
3 h. "	W	1 42	3 h. "	W b S.	1 23	3 h. "	S W b S.	1 82
4 h. "	W	1 60	4 h. "	W S W	1 37	4 h. "	S W	2 00
5 h. "	W	1 05	5 h. "	W S W	1 00	5 h. "	S W	1 55
6 h. "	W	1 10	6 h. "	S'ward.	Weak	6 h. "	S W	0 84
Turning, W to N.			Slack or variable.					
5 h. before	N b E.	0 64	5 h. before	N E b E.	1 04	5 h. before	Veering.	Weak
4 h. "	N E b E.	1 38	4 h. "	N E b E.	1 46	4 h. "	N E.	1 25
3 h. "	E N E.	1 69	3 h. "	N E b E.	1 51	3 h. "	N E.	1 73
2 h. "	E N E.	1 61	2 h. "	N E.	1 17	2 h. "	N E.	1 89
1 h. "	N E.	1 29	1 h. "	N E b N.	0 74	1 h. "	N E.	1 62
At H.W.	N E b N.	0 76	At H.W.	N N E.	0 56	At H.W.	N E b E.	0 97
At the maximum:			At the maximum:			At the maximum:		
Half Ebb.	W ½ S	1 65	Half Ebb.	W b S ½ S.	1 40	Half Ebb.	S W	2 05
Half Flood.	E N E.	1 70	Half Flood	N E b E.	1 55	Half Flood	N E ½ N.	1 90

TIME.—The state of the current is here referred to the time of High Water at St. John, N.B., to be found in the Tide Tables published by this Survey. It is there given in Atlantic Standard time, which is 4 hours slower than Greenwich Mean Time.

DIRECTION AND VELOCITY.—The directions indicate the point towards which the current sets. They are magnetic throughout, the average variation in these regions being 18° W. The velocities are in knots, tenths, and hundredths. They correspond with the average range of 21 feet at St. John; and will be stronger or weaker as the range varies from springs to neaps.

MAXIMUM STRENGTH.—The last lines give the direction of the set which corresponds with the maximum velocity on the flood and ebb, at each station. These are not therefore simultaneous at the different stations.

SLACK WATER.—The time of Slack Water at each station is given in a separate table at the end.