Maccan Tidal Bore Tables 2025 Based on Gordon Boss's Methodology (DST = Daylight Savings Time)

Prepared March 3, 2025 by KDA (brachiopod@gmail.com)REVISED TO DST TIMES

Up to 15 minutes earlier | Up to 15 minutes earlier | Up to 15 minutes earlier

MAR	AST-DST			APR	DST			MAY	DST			JUNE	DST			JULY	DST			AUG	DST			SEPT	DST			OCT	DST			NOV	DST-AST			DEC	AST		
	AM	BORE	PM		AM	BORE	PM		AM	BORE	PM		AM	BORE	PM		AM	BORE	PM		AM	BORE	PM		AM	BORE	PM		AM	BORE	PM		AM	BORE	PM		AM	BORE	PM
1				1	1:18	H3	1:39	1	1:52	H2-H3	2:27	1	3:31	L	4:07	1	3:59	L	4:29	1	4:59	L	5:23	1	6:02	L	6:26	1	6:24	L	6:47	1	7:35	L	7:59	1	6:46	L	7:16
2				2	2:09	H3	2:41	2	2:48	H2	3:25	2	4:29	L	5:05	2	4:51	L	5:21	2	5:51	L	6:15	2	7:05	L	7:26	2	7:25	L	7:47	2	8:26	L	8:52	2	7:40	H2	8:12
3				3	3:02	H2	3:38	3	3:47	L	4:26	3	5:29	L	6:03	3	5:45	L	6:13	3	6:47	L	7:11	3	8:06	L	8:26	3	8:20	L	8:41	3	8:15	H2	8:41	3	8:33	H2	9:06
4				4	4:01	L	4:40	4	4:50	L	5:31	4	6:29	L	6:59	4	6:40	L	7:05	4	7:45	L	8:06	4	9:00	L	9:19	4	9:09	L	9:29	4	9:02	H2-H3	9:30	4	9:26	H3	10:00
5				5	5:06	L	5:48	5	5:57	L	6:37	5	7:27	L	7:53	5	7:35	L	7:57	5	8:41	L	9:00	5	9:48	L	10:06	5	9:53	H2	10:14	5	9:49	H3	10:19	5	10:20	H3	10:54
6				6	6:17	L	7:00	6	7:04	L	7:39	6	8:21	L	8:42	6	8:28	L	8:48	6	9:34	L	9:50	6	10:31	L-H2	10:49	6	10:35	H2-H3	10:58	6	10:38	H3	11:10	6	11:14	H3	11:46
7				7	7:29	L	8:07	7	8:05	L	8:34	7	9:10	L	9:27	7	9:18	L	9:33	7	10:21	L	10:36	7	11:11	H2	11:30	7	11:18	H3	11:43	7	11:29	H3		7		H3	0:08
8				8	8:33	L	9:06	8	8:59	L	9:22	8	9:55	L	10:08	8	10:05	L	10:19	8	11:05	L	11:19	8	11:51	H2-H3		8		H3	0:03	8	0:02	H3	0:22	8	0:43	H2	1:04
9				9	9:29	L	9:55	9	9:47	L	10:05	9	10:37	L	10:48	9	10:49	L	11:02	9	11:45	L-H2		9	0:12	H3	0:32	9	0:30	H3	0:50	9	0:57	H2	1:18	9	1:38	H2	2:00
10		L		10	10:17	L	10:38	10	10:29	L	10:42	10	11:16	L	11:27	10	11:31	L	11:44	10	0:00	H2	0:24	10	0:56	H3	1:16	10	1:20	H3	1:40	10	1:55	H2	2:18	10	2:36	L	2:59
11		L		11	10:59	L	11:14	11	11:07	L	11:18	11	11:55	L		11		L	0:12	11	0:41	H2	1:04	11	1:42	H3	2:03	11	2:13	H2	2:34	11	2:57	L	3:22	11	3:35	L	3:59
12	10:39	L	11:04	12	11:35	L	11:48	12	11:43	L	11:52	12	0:05	L	0:34	12	0:25	L	0:52	12	1:23	H2	1:46	12	2:31	H2	2:53	12	3:09	H2	3:32	12	4:03	L	4:30	12	4:36	L	5:02
13	11:22	L	11:43	13		L	0:09	13		L	0:18	13	0:45	L	1:14	13	1:06	L-H2	1:33	13	2:07	H2	2:30	13	3:25	H2	3:49	13	4:11	L	4:38	13	5:11	L	5:38	13	5:34	L	6:03
14		L	0:01	14	0:21	L	0:42	14	0:27	L	0:54	14	1:26	L	1:56	14	1:48	H2	2:14	14	2:53	H2	3:17	14	4:25	L	4:51	14	5:20	L	5:49	14	6:14	L	6:42	14	6:30	L	7:01
15	0:18	L	0:36	15	0:53	L	0:16	15	1:04	L	1:32	15	2:08	L	2:38	15	2:31	H2	2:57	15	3:44	H2	4:09	15	5:32	L	6:01	15	6:33	L	7:01	15	7:11	L	7:39	15	7:23	L	7:53
16	0:52	L	1:10	16	1:27	L	1:52	16	1:43	L	2:12	16	2:53	L	3:23	16	3:17	L-H2	3:44	16	4:40	L	5:07	16	6:45	L	7:13	16	7:41	L	8:07	16	8:02	L	8:29	16	8:10	L	8:40
17	1:25	L	1:44	17	2:04	L	2:30	17	2:25	L	2:55	17	3:40	L	4:10	17	4:06	L-H2	4:33	17	5:43	L	6:11	17	7:55	L	8:22	17	8:41	L	9:05	17	8:46	L	9:13	17	8:54	L	9:23
18	1:58	L	2:30	18	2:43	L	3:13	18	3:10	L	3:43	18	4:31	L	5:01	18	5:00	L-H2	5:28	18	6:53	L	7:21	18	8:58	L	9:22	18	9:32	L	9:55	18	9:26	L	9:52	18	9:35	L	10:02
19	2:33	L	2:56	19	3:29	L	4:16	19	3:59	L	4:34	19	5:25	L	5:55	19	5:59	L	6:27	19	8:03	L	8:29	19	9:53	L	10:15	19	8:17	L	10:39	19	10:03	L	10:29	19	10:13	L	10:40
20	3:12	L	3:38	20	4:20	L	4:58	20	4:54	L	5:30	20	6:23	L	6:52	20	7:03	L	7:30	20	9:08	L	9:31	20	10:41	H2	11:01	20	10:56	L	11:16	20	10:36	L	11:04	20	10:51	L	11:17
21	3:57	L	4:28	21	5:20	L	5:59	21	5:53	L	6:26	21	7:23	L-H2	7:00	21	8:09	L	8:34	21	10:06	L-H2	10:27	21	11:23	H2	11:42	21	11:31	L	11:54	21	11:13	L	11:39	21	11:26	L	11:54
22	4:49	L	5:27	22	6:23	L	7:00	22	6:52	L	7:23	22	8:24	H2	8:48	22	9:14	L-H2	9:36	22	10:58	H2	11:17	22		H2	0:01	22		L	0:06	22	11:49	L		22		L	0:06
23	5:52	L	6:33	23	7:25	L	7:58	23	7:51	L-H2	8:18	23	9:24	H2	9:46	23	10:13	H2	10:34	23	11:44	H2		23	0:21	L	0:37	23	0:29	L	0:39	23	0:16	L	0:27	23	0:32	L	0:45
24	6:59	L	7:38	24	8:23	H2	8:51	24	8:48	H2	9:11	24	10:22	H2	10:42	24	11:08	H2	11:28	24	0:03	H2	0:27	24	0:57	L	1:12	24	1:03	L	1:15	24	0:56	L	1:07	24	1:12	L	1:26
25	8:02	L	8:36	25	9:17	H2	9:41	25	9:43	H2-H3	10:04	25	11:18	H2	11:38	25	11:59	H2		25	0:46	H2	0:08	25	1:33	L	1:47	25	1:40	L	1:52	25	1:36	L	1:50	25	1:53	L	2:09
26	8:59	L	9:27	26	10:08	H2-H3	10:29	26	10:37	H3	10:57	26		H2	0:12	26	0:18	H2	0:48	26	1:27	L-H2	1:47	26	2:10	L	2:25	26	2:19	L	2:32	26	2:21	L	2:37	26	2:36	L	2:56
27	9:49	H2	10:14	27	10:58	H3	11:18	27	11:31	H3	11:50	27	0:32	H2	1:05	27	1:07	H2	1:35	27	2:07	L	2:26	27	2:49	L	3:05	27	3:01	L	3:16	27	3:09	L	3:28	27	3:24	L	3:47
28	10:37	H2-H3	10:59	28	11:49	H3		28		H3	0:15	28	1:24	H2	1:57	28	1:53	H2	2:20	28	2:46	L	3:05	28	3:33	L	3:51	28	3:50	L	4:07	28	4:01	L	4:23	28	4:16	L	4:43
29	11:23	H3	11:44	29	0:08	H3	0:40	29	0:44	H3	1:19	29	2:16	H2	2:48	29	2:39	L	3:04	29	3:28	L	3:47	29	4:23	L	4:43	29	4:43	L	5:03	29	4:56	L	5:21	29	5:12	L	5:43
30		H3	0:10	30	0:59	H3	1:33	30	1:39	H2	2:14	30	3:07	L	3:38	30	3:24	L	3:48	30	4:13	L	4:34	30	5:21	L	5:43	30	5:41	L	6:04	30	5:51	L	6:19	30	6:11	L	6:46
31	0:30	H3	0:59					31	2:34	H2	3:10					31	4:10	L	4:34	31	5:04	L	5:27					31	6:40	L	7:03					31	7:12	H2	7:49

"LOCATION TO SEE THE MACCAN RIVER TIDAL BORE

In Maccan from Rt # 302 take Rt # 242 at Phil & Sons Auto Body Shop, cross the railroad then quickly turn right on the gravel road across the marsh to the parking area at the river.

The Bore comes from the right around the curve and past the park.

The heavy rush of water that occurs up to 30 minutes after the Bore is great to watch as the currents and waves keep changing as the water flows faster.

During the High Tides the river will fill full in 1 hr. 45 min. and raise about 17 feet or 5.18 Meters and on the Low Tides the river only fills half full in 1 hr. 30 min. to about 8 feet or 2.44 Meters.

The Tidal Bore can be seen from the River Hebert Highway Bridge 20 minutes before the Maccan Tidal Bore Times.

The Great Heights of the Bay of Fundy Tides can be seen at Joggins, 34 to 45 feet and at Parrsboro 36 to 48 feet.

This Maccan Tidal View Wetlands Park is on Ducks Unlimited Land and was built and opened in 1998 by the efforts of Ducks Unlimited and some members of the Former Maccan Royal Canadian Legion.

From the Dyke one can view the water pond for ducks and other birds on the marsh and there are other ponds in the woods near the railroad.

There are also other Ducks Unlimited Wetlands in the Maccan Area."

Text reproduced from the 2019 chart prepared by Gordon Boss (1928-2019).

Mr. Boss was known as the Maccan "Bore Keeper" for over 60 years.

Revised January 27, 2022 KDA

"Other Tidal Bore Viewing Locations

Athol Bridge 1 hr. 10 min after Maccan Bore

River Hebert 20 min before Maccan Bore

High Tide Joggins 1 hr. 15 min. after Maccan Bore."

"The Letters H, M, L, in the above columns are for the periods of HIGH or MEDIUM or LOW Tidal Bores.

The High Tidal Bores are from 10 to 18 Inches High, 25 to 46 cm.

The Medium Tidal Bores are from 6 to 10 Inches High, 15 to 25 cm.

The Low Tidal Bores are from 0 to 6 Inches High, 0 to 15 cm.

The Tidal Bore can be up to 20 Minutes Earlier or Later than the above times."

Gordon Boss's Tidal Bore Letters L, M and H were based on predicted tidal heights for St. John, NB

< 23 feet = Low, 23 feet to 25 feet = Medium, and >25 feet = High

The Maccan High Tidal Bores can be	*> 25 feet =*	H2	*> 26.9 feet =*	H3	> 27.9 feet =	H4
	> 7.6 meters		> 8.2 meters		> 8.5 meters	

The 2025 Tidal Bore Times for the Maccan Tidal View Wetland Park were prepared by Ken Adams (former Director/Curator, Fundy Geological Museum) using the methodology described by Gordon Boss, and the 2020 tidal predictions for St. John NB in the "Canadian Tide and Current Tables" available from Fisheries and Oceans Canada which can be found on-line at:

http://www.waterlevels.gc.ca/eng/station?sid=65

Tidal Bore times for Maccan can also be found at:

http://www.waterlevels.gc.ca/eng/station?sid=210

NOTE FOR 2025: ALTHOUGH THERE ARE NO PREDICTED TIDAL BORE HEIGHTS IN THE H4 OR "LARGEST" RANGE SHOWN ON THE CHS SITE

YOU SHOULD CHECK THE SAINT JOHN TIDE HEIGHT PREDICTIONS. SOME HEIGHTS ARE PREDICTED TO BE > 8.5 METERS IN MARCH, APRIL, MAY, SEPTEMBER, OCTOBER AND NOVEMBER

WE ARE IN A "LOW" PERIOD, IN THE RANGE OF THE TIDE HEIGHTS, RELATED TO AN 18.6 YEAR LUNAR CYCLE. KDA MARCH 4, 2025