



NOAA Tide Predictions

Bonneau Ferry, East Branch, SC, 2020

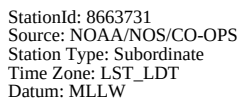
The NOAA Tide Predictions application provides predictions in both graphical and tabular formats, with many user selected options, for over 3000 stations broken down by key areas in each state. Users can also access stations via the Google map interface. Additional information can be found in the help page.

Station Types: The NOAA Tide Predictions application provides predictions from 2 distinct categories of stations at over 3000 locations:

Harmonic - The predicted height values for Harmonic stations are conducted by combining the harmonic constituents into a single tide curve.

Subordinate - The high and low height values for Subordinate stations are obtained by means and differences, and ratios applied to the full harmonic constant predictions at a specific Harmonic station (a Reference station).

Disclaimer: The official Tide prediction tables are published annually on October 1, for the following calendar year. Tide predictions generated prior to the publishing date of the official tables are subject to change. The predictions from the web based NOAA Tidal Predictions are based upon the latest information available as of the date of your request. Tide predictions generated may differ from the official published predictions if information for the station requested has been updated since the publishing date of the official published tables.

[illegible]

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StationId: 8663731
Source: NOAA/NOS/CO-OPS
Station Type: Subordinate
Time Zone: LST_LDT
Datum: MLLW

NOAA Tide Predictions

Bonneau Ferry, East Branch, SC, 2020

Times and Heights of High and Low Waters

July				August				September																				
Time		Height		Time		Height		Time		Height		Time		Height														
	h m	ft	cm		h m	ft	cm		h m	ft	cm		h m	ft	cm													
1	01:59 AM	0.1	3	16	02:02 AM	1.9	58	1	03:38 AM	0.3	9	16	03:09 AM	1.4	43	16	04:18 AM	0.2	6									
	08:09 AM	3.2	98			08:17 AM	2.8		85		09:49 AM		3.1	94			09:25 AM	3.0	91		11:12 AM	3.4	104					
	W 02:06 PM	-0.9	-27		Th 01:55 PM	0.6	18		Sa 03:39 PM	-0.4	-12		Su 03:06 PM	0.2	6		Tu 05:00 PM	0.5	15	W 04:32 PM	-0.7	-21						
	09:04 PM	3.9	119		08:49 PM	3.5	107		10:39 PM	4.0	122		09:55 PM	3.9	119		11:48 PM	3.9	119	11:09 PM	4.3	131						
2	02:59 AM	-0.1	-3	17	02:54 AM	1.5	46	2	04:30 AM	0.1	3	17	04:00 AM	0.9	27	2	05:34 AM	0.6	18	17	05:06 AM	-0.3	-9					
	09:08 AM	3.2	98			09:08 AM	2.8		85		10:43 AM		3.2	98			10:17 AM	3.2	98			11:37 AM	4.0	122				
	Th 03:02 PM	-1.0	-30		F 02:45 PM	0.3	9		Su 04:31 PM	-0.3	-9		M 03:59 PM	-0.3	-9		W 05:43 PM	0.7	21		Th 05:25 PM	-0.9	-27					
	10:00 PM	4.0	122		09:37 PM	3.6	110		11:28 PM	4.0	122		10:46 PM	4.0	122		10:46 PM	4.0	122		● 11:58 PM	4.3	131					
3	03:55 AM	-0.4	-12	18	03:43 AM	1.1	34	3	05:18 AM	0.1	3	18	04:48 AM	0.3	9	3	12:27 AM	3.8	116	18	05:53 AM	-0.7	-21					
	10:05 AM	3.2	98			09:58 AM	2.9		88		11:33 AM		3.2	98			11:09 AM	3.4	104			06:12 AM	0.6	18		12:29 PM	4.1	125
	F 03:55 PM	-1.0	-30		Sa 03:34 PM	0.0	0		M 05:19 PM	-0.1	-3		Tu 04:51 PM	-0.7	-21		Th 12:36 PM	3.5	107		F 06:18 PM	-1.0	-30					
	10:54 PM	4.1	125		10:25 PM	3.8	116		0	11:35 PM	4.2		128	11:35 PM	4.2		128	06:24 PM	0.9		27							
4	04:48 AM	-0.5	-15	19	04:30 AM	0.7	21	4	12:13 AM	3.9	119	19	05:34 AM	-0.1	-3	4	01:04 AM	3.7	113	19	12:47 AM	4.2	128					
	11:00 AM	3.2	98			10:47 AM	2.9		88		06:03 AM		0.1	3			11:59 AM	3.5	107			06:40 AM	-0.9	-27				
	Sa 04:47 PM	-0.9	-27		Su 04:22 PM	-0.3	-9		Tu 12:20 PM	3.2	98		W 05:42 PM	-0.9	-27		F 01:15 PM	3.5	107		Sa 01:21 PM	4.2	128					
	11:45 PM	4.1	125		11:12 PM	3.9	119		06:05 PM	0.1	3		● 06:05 PM	0.1	3		07:03 PM	1.3	40		07:11 PM	-0.7	-21					
5	05:39 AM	-0.5	-15	20	05:16 AM	0.4	12	5	12:56 AM	3.8	116	20	12:23 AM	4.2	128	5	01:40 AM	3.6	110	20	01:37 AM	4.1	125					
	11:53 AM	3.1	94			06:45 AM	0.2		6		06:21 AM		-0.5	-15			07:23 AM	1.0	30			07:28 AM	-0.8	-24				
	Su 05:37 PM	-0.7	-21		W 01:04 PM	3.2	98		Th 12:50 PM	3.7	113		Th 12:50 PM	3.7	113		Sa 01:52 PM	3.5	107		Su 02:15 PM	4.3	131					
	● 11:58 PM	4.0	122		06:48 PM	0.5	15		06:48 PM	0.5	15		06:34 PM	-0.9	-27		07:41 PM	1.6	49		08:06 PM	-0.3	-9					
6	12:34 AM	4.0	122	21	06:01 AM	0.0	0	6	01:36 AM	3.7	113	21	01:10 AM	4.2	128	6	02:15 AM	3.4	104	21	02:29 AM	3.9	119					
	06:27 AM	-0.4	-12			07:25 AM	0.4		12		07:07 AM		-0.7	-21			07:57 AM	1.2	37			08:18 AM	-0.5	-15				
	M 12:43 PM	3.1	94		Th 01:47 PM	3.2	98		F 01:42 PM	3.8	116		Su 02:30 PM	3.4	104		M 03:11 PM	4.2	128									
	06:25 PM	-0.3	-9		07:30 PM	0.9	27		07:26 PM	-0.8	-24		08:20 PM	2.0	61		09:02 PM	0.2	6									
7	01:21 AM	3.9	119	22	12:44 AM	4.0	122	7	02:15 AM	3.5	107	22	01:59 AM	4.0	122	7	02:51 AM	3.2	98	22	03:23 AM	3.7	113					
	07:13 AM	-0.2	-6			08:03 AM	0.6		18		07:55 AM		-0.7	-21			08:32 AM	1.4	43			09:11 AM	0.0	0				
	Tu 01:31 PM	3.1	94		W 01:10 PM	3.2	98		F 02:29 PM	3.2	98		Sa 02:36 PM	3.8	116		M 03:08 PM	3.4	104		Tu 04:10 PM	4.1	125					
	07:12 PM	0.1	3		06:49 PM	-0.7	-21		08:12 PM	1.3	40		08:21 PM	-0.4	-12		09:02 PM	2.4	73		10:01 PM	0.8	24					
8	02:06 AM	3.7	113	23	01:30 AM	4.0	122	8	02:53 AM	3.4	104	23	02:49 AM	3.9	119	8	03:29 AM	3.1	94	23	04:20 AM	3.5	107					
	07:58 AM	0.1	3			08:41 AM	0.8		24		08:44 AM		-0.6	-18			09:10 AM	1.6	49			10:08 AM	0.5	15				
	W 02:19 PM	3.0	91		Sa 03:11 PM	3.2	98		Su 03:32 PM	3.9	119		Tu 03:50 PM	3.4	104		W 05:13 PM	4.0	122									
	07:58 PM	0.6	18		08:54 PM	1.8	55		09:18 PM	0.1	3		09:47 PM	2.6	79		11:03 PM	1.3	40									
9	02:49 AM	3.6	110	24	02:18 AM	3.9	119	9	03:32 AM	3.2	98	24	03:42 AM	3.7	113	9	04:12 AM	3.0	91	24	05:22 AM	3.3	101					
	08:41 AM	0.4	12			08:19 AM	-0.5		-15		09:35 AM		-0.4	-12			09:53 AM	1.8	55			11:10 AM	2.0	30				
	Th 03:05 PM	3.0	91		F 02:54 PM	3.4	104		Su 03:54 PM	3.2	98		M 04:30 PM	3.9	119		W 04:38 PM	3.4	104		Th 06:16 PM	3.9	119					
	08:44 PM	1.1	34		08:34 PM	-0.4	-12		09:39 PM	2.1	64		10:18 PM	0.6	18		10:40 PM	2.8	85		● 06:16 PM	3.9	119					
10	03:32 AM	3.4	104	25	03:07 AM	3.8	116	10	04:13 AM	3.1	94	25	04:38 AM	3.5	107	10	05:02 AM	2.9	88	25	12:06 AM	1.6	49					
	09:24 AM	0.6	18			08:19 AM	-0.6		-18		10:31 AM		-0.1	-3			10:43 AM	1.8	55			06:25 AM	3.2	98				
	F 03:52 PM	3.0	91		Sa 03:50 PM	3.5	107		M 04:40 PM	3.2	98		Tu 05:32 PM	3.9	119		Th 05:32 PM	3.4	104		F 12:14 PM	1.2	37					
	09:31 PM	1.6	49		09:31 PM	0.0	0		10:29 PM	2.4	73		● 11:21 PM	0.9	27		● 11:39 PM	2.8	85		07:19 PM	3.8	116					
11	04:15 AM	3.2	98	26	03:59 AM	3.7	113	11	04:58 AM	2.9	88	26	05:37 AM	3.3	101	11	05:58 AM	2.9	88	26	01:07 AM	1.6	49					
	10:05 AM	0.8	24			09:59 AM	-0.5		-15		11:30 AM		0.2	6			11:40 AM	1.7	52			07:27 AM	3.2	98				
	Sa 04:40 PM	3.0	91		Su 04:48 PM	3.6	110		Tu 05:28 PM	3.2	98		W 06:35 PM	3.8	116		F 06:31 PM	3.5	107		Sa 01:17 PM	1.3	40					
	10:21 PM	1.9	58		10:32 PM	0.3	9		● 11:23 PM	2.6	79		● 11:23 PM	2.6	79			08:17 PM	3.8		116							
12	04:59 AM	3.1	94	27	04:54 AM	3.5	107	12	05:47 AM	2.9	88	27	12:25 AM	1.2	37	12	12:40 AM	2.6	79	27	02:04 AM	1.5	46					
	10:48 AM	0.9	27			10:53 AM	-0.5		-15		06:39 AM		3.2	98			06:58 AM	3.0	91			08:25 AM	3.3	101				
	Su 05:29 PM	3.0	91		M 05:49 PM	3.6	110		W 06:20 PM	3.3	101		Th 12:31 PM	0.4	12		Sa 12:41 PM	1.5	46		Su 02:15 PM	1.2	37					
	● 11:15 PM	2.2	67		● 11:36 PM	0.6	18				07:37 PM		3.8	116	07:32 PM		3.7	113	07:32 PM		3.7	113	09:10 PM	3.8	116			
13	05:46 AM	2.9	88	28	05:52 AM	3.3	101	13	12:21 AM	2.5	76	28	01:27 AM	1.2	37	13	01:41 AM	2.2	67	28	02:55 AM	1.3	40					
	11:32 AM	0.9	27			06:40 AM	2.8		85		07:41 AM		3.2	98			07:58 AM	3.1	94			09:18 AM	3.4	104				
	M 06:19 PM	3.1	94		Th 12:20 PM	1.2	37		F 01:33 PM	0.5	15		Su 01:43 PM	1.0	30		Su 01:43 PM	1.0	30		M 03:08 PM	1.1	34					
					07:14 PM	3.4	104		08:36 PM	3.9	119		08:31 PM	3.8	116		08:31 PM	3.8	116		09:57 PM	3.8	116					
14	12:11 AM	2.2	67	29	12:41 AM	0.7	21	14	01:20 AM	2.3	70	29	02:26 AM	1.1	34	14	02:37 AM	1.6	49	29	03:41 AM	1.1	34					
	06:35 AM	2.8	85			07:36 AM	2.8		85		08:40 AM		3.2	98			08:56 AM	3.3	101			10:06 AM	3.5	107				
	Tu 12:18 PM	0.9	27		F 01:16 PM	1.0	30		Sa 02:31 PM	0.5	15		M 02:42 PM	0.4	12		M 02:42 PM	0.4	12		Tu 03:56 PM	1.0	30					
	07:09 PM	3.2	98		08:09 PM	3.6	110		09:31 PM	3.9	119		09:26 PM	4.0	122		09:26 PM	4.0	122		10:39 PM	3.8	116					
15	01:08 AM	2.1	64	30	01:44 AM	0.6	18	15	02:17 AM	1.9	58	30	03:19 AM	0.9	27	15	03:29 AM	0.9	27	30	04:23 AM	0.9	27					
	07:26 AM	2.8	85			07:53 AM	3.1		94		09:35 AM		3.3	101			09:52 AM	3.5	107			10:49 AM	3.6	110				
	W 01:06 PM	0.8	24																									



StationId: 8663731
Source: NOAA/NOS/CO-OPS
Station Type: Subordinate
Time Zone: LST_LDT
Datum: MLLW

NOAA Tide Predictions

Bonneau Ferry, East Branch, SC, 2020

Times and Heights of High and Low Waters

October				November				December											
Time		Height		Time		Height		Time		Height		Time		Height					
1	h m	ft	cm	16	h m	ft	cm	16	h m	ft	cm	16	h m	ft	cm				
	05:01 AM	0.8	24		04:37 AM	-0.7	-21		04:51 AM	-1.4	-43		04:43 AM	0.3	9	05:23 AM	-1.4	-43	
	11:29 AM	3.7	113		11:16 AM	4.3	131		11:43 AM	4.5	137		11:26 AM	3.8	116	12:19 PM	4.1	125	
	Th 05:21 PM	1.1	34		F 05:08 PM	-1.0	-30		M 05:38 PM	-0.9	-27		Tu 05:28 PM	0.9	27	W 06:11 PM	-0.8	-24	
2	05:37 AM	0.8	24	17	05:26 AM	-1.0	-30	17	05:41 AM	-1.1	-34	2	05:21 AM	0.3	9	17	12:28 AM	3.3	101
	12:07 PM	3.7	113		12:08 PM	4.5	137		12:36 PM	4.4	134		12:02 PM	3.7	113		06:13 AM	-0.9	-27
	F 06:00 PM	1.2	37		Sa 06:02 PM	-1.0	-30		Tu 06:31 PM	-0.5	-15		W 06:06 PM	0.9	27		Th 01:09 PM	4.0	122
															07:01 PM		-0.4	-12	
3	12:32 AM	3.6	110	18	12:24 AM	4.1	125	18	12:47 AM	3.5	107	3	12:24 AM	3.0	91	18	01:19 AM	3.2	98
	06:12 AM	0.9	27		06:14 AM	-1.1	-34		06:32 AM	-0.6	-18		06:00 AM	0.4	12		07:03 AM	-0.4	-12
	Sa 12:43 PM	3.7	113		Su 01:01 PM	4.5	137		W 01:30 PM	4.2	128		Th 12:39 PM	3.7	113		F 01:59 PM	3.7	113
	06:37 PM	1.5	46		06:55 PM	-0.8	-24		Tu 12:23 PM	3.8	116		06:46 PM	1.0	30		07:50 PM	0.0	0
4	01:07 AM	3.5	107	19	01:15 AM	3.9	119	19	01:42 AM	3.4	104	4	01:01 AM	2.9	88	19	02:10 AM	3.1	94
	06:45 AM	1.1	34		07:03 AM	-0.8	-24		07:25 AM	0.0	0		06:42 AM	0.5	15		07:54 AM	0.3	9
	Su 01:18 PM	3.7	113		M 01:54 PM	4.5	137		Th 02:25 PM	4.0	122		F 01:19 PM	3.6	110		Sa 02:49 PM	3.5	107
	07:14 PM	1.8	55		07:49 PM	-0.3	-9		08:18 PM	0.5	15		07:29 PM	1.1	34		08:39 PM	0.4	12
5	01:41 AM	3.4	104	20	02:08 AM	3.8	116	20	02:38 AM	3.2	98	5	01:44 AM	2.9	88	20	03:03 AM	3.0	91
	07:18 AM	1.3	40		07:54 AM	-0.4	-12		08:21 AM	0.7	21		07:29 AM	0.6	18		08:48 AM	0.9	27
	M 01:52 PM	3.7	113		Tu 02:50 PM	4.3	131		F 03:22 PM	3.7	113		Sa 02:05 PM	3.6	110		Su 03:39 PM	3.3	101
	07:51 PM	2.0	61		08:44 PM	0.3	9		Th 01:38 PM	3.6	110		08:17 PM	1.1	34		09:29 PM	0.8	24
6	02:15 AM	3.2	98	21	03:03 AM	3.5	107	21	03:37 AM	3.1	94	6	02:34 AM	2.9	88	21	03:57 AM	2.9	88
	07:53 AM	1.6	49		08:48 AM	0.2	6		09:20 AM	1.3	40		08:22 AM	0.8	24		09:44 AM	1.4	43
	Tu 02:28 PM	3.6	110		W 03:49 PM	4.1	125		Sa 04:20 PM	3.6	110		Su 02:57 PM	3.5	107		M 04:30 PM	3.1	94
	08:31 PM	2.3	70		09:41 PM	0.9	27		10:10 PM	1.3	40		09:09 PM	1.0	30		10:19 PM	1.0	30
7	02:51 AM	3.1	94	22	04:01 AM	3.4	104	22	04:37 AM	3.0	91	7	03:33 AM	3.0	91	22	04:53 AM	2.9	88
	08:31 AM	1.8	55		09:46 AM	0.8	24		10:23 AM	1.7	52		09:22 AM	0.8	24		10:44 AM	1.7	52
	W 03:08 PM	3.6	110		Th 04:50 PM	3.9	119		Su 05:16 PM	3.4	104		M 03:55 PM	3.5	107		Tu 05:21 PM	3.0	91
	09:14 PM	2.6	79		10:41 PM	1.3	40		11:05 PM	1.4	43		10:05 PM	0.8	24		11:09 PM	1.0	30
8	03:33 AM	3.0	91	23	05:03 AM	3.2	98	23	05:35 AM	3.1	94	8	04:38 AM	3.1	94	23	05:47 AM	3.0	91
	09:15 AM	1.9	58		10:48 AM	1.4	43		11:25 AM	1.9	58		10:28 AM	0.8	24		11:43 AM	1.8	55
	Th 03:55 PM	3.6	110		F 05:52 PM	3.8	116		M 06:09 PM	3.3	101		Tu 04:57 PM	3.5	107		W 06:12 PM	2.9	88
	10:05 PM	2.7	82		11:42 PM	1.6	49		Su 04:21 PM	3.6	110		11:04 PM	0.4	12		11:58 PM	0.9	27
9	04:22 AM	2.9	88	24	06:06 AM	3.2	98	24	06:31 AM	3.2	98	9	05:44 AM	3.3	101	24	06:40 AM	3.1	94
	10:07 AM	2.0	61		11:52 AM	1.7	52		12:24 PM	1.8	55		11:36 AM	0.5	15		12:40 PM	1.7	52
	F 04:50 PM	3.6	110		Sa 06:53 PM	3.7	113		Tu 06:59 PM	3.3	101		W 05:59 PM	3.4	104		Th 07:03 PM	2.9	88
	11:03 PM	2.7	82																
10	05:22 AM	3.0	91	25	12:41 AM	1.7	52	25	12:45 AM	1.1	34	10	12:03 AM	-0.1	-3	25	12:45 AM	0.7	21
	11:07 AM	1.9	58		07:07 AM	3.2	98		07:22 AM	3.3	101		06:48 AM	3.6	110		07:31 AM	3.2	98
	Sa 05:53 PM	3.6	110		Su 12:56 PM	1.8	55		W 01:17 PM	1.7	52		Th 12:42 PM	0.1	3		F 01:32 PM	1.4	43
					07:48 PM	3.6	110		Tu 06:28 PM	3.7	113		07:01 PM	3.5	107		07:52 PM	2.8	85
11	12:05 AM	2.5	76	26	01:35 AM	1.6	49	26	01:30 AM	0.9	27	11	01:00 AM	-0.6	-18	26	01:30 AM	0.5	15
	06:26 AM	3.0	91		08:03 AM	3.3	101		08:09 AM	3.4	104		07:49 AM	3.8	116		08:18 AM	3.3	101
	Su 12:12 PM	1.6	49		M 01:54 PM	1.7	52		Th 02:06 PM	1.4	43		F 01:44 PM	-0.4	-12		Sa 02:20 PM	1.1	34
	06:57 PM	3.7	113		08:39 PM	3.6	110		08:31 PM	3.2	98		08:00 PM	3.5	107		08:39 PM	2.9	88
12	01:07 AM	2.0	61	27	02:24 AM	1.4	43	27	02:11 AM	0.6	18	12	01:56 AM	-1.1	-34	27	02:14 AM	0.2	6
	07:31 AM	3.2	98		08:54 AM	3.4	104		08:52 AM	3.6	110		08:47 AM	4.1	125		09:03 AM	3.5	107
	M 01:17 PM	1.1	34		Tu 02:46 PM	1.5	46		F 02:50 PM	1.2	37		Sa 02:42 PM	-0.8	-24		Su 03:04 PM	0.8	24
	07:59 PM	3.9	119		09:25 PM	3.6	110		09:13 PM	3.2	98		08:57 PM	3.5	107		09:24 PM	2.9	88
13	02:04 AM	1.3	40	28	03:08 AM	1.1	34	28	02:51 AM	0.4	12	13	02:49 AM	-1.5	-46	28	02:57 AM	-0.1	-3
	08:31 AM	3.5	107		09:40 AM	3.6	110		09:33 AM	3.7	113		09:42 AM	4.2	128		09:46 AM	3.6	110
	Tu 02:20 PM	0.5	15		W 03:33 PM	1.4	43		Sa 03:32 PM	1.0	30		Su 03:37 PM	-1.1	-34		M 03:46 PM	0.5	15
	08:56 PM	4.0	122		10:07 PM	3.6	110		09:54 PM	3.2	98		09:52 PM	3.5	107		10:07 PM	2.9	88
14	02:58 AM	0.6	18	29	03:49 AM	0.9	27	29	03:29 AM	0.3	9	14	03:41 AM	-1.7	-52	29	03:38 AM	-0.3	-9
	09:28 AM	3.8	116		10:23 AM	3.7	113		10:13 AM	3.7	113		10:35 AM	4.3	131		10:27 AM	3.6	110
	W 03:18 PM	-0.1	-3		Th 04:17 PM	1.2	37		Su 04:12 PM	0.9	27		M 04:30 PM	-1.2	-37		Tu 04:26 PM	0.3	9
	09:51 PM	4.1	125		10:46 PM	3.6	110		Sa 03:53 PM	-1.1	-34		10:45 PM	3.5	107		10:48 PM	2.9	88
15	03:48 AM	-0.1	-3	30	04:26 AM	0.7	21	30	04:06 AM	0.2	6	15	04:32 AM	-1.7	-52	30	04:19 AM	-0.4	-12
	10:23 AM	4.1	125		11:02 AM	3.8	116		10:50 AM	3.8	116		11:27 AM	4.3	131		11:06 AM	3.7	113
	Th 04:14 PM	-0.6	-18		F 04:57 PM	1.2	37		M 04:50 PM	0.8	24		Tu 05:21 PM	-1.1	-34		W 05:06 PM	0.2	6
	10:43 PM	4.2	128		11:25 PM	3.5	107		Su 04:46 PM	-1.1	-34		11:37 PM	3.4	104		O 11:27 PM	2.9	88
				31	05:02 AM	0.7	21									31	05:01 AM	-0.5	-15
					11:39 AM	3.8	116										11:45 AM	3.7	113
					Sa 05:36 PM	1.2	37										Th 05:46 PM	0.1	3
					O														

Disclaimer: These data are based upon the latest information available as of the date of your request, and may differ from the published tide tables.

Referenced to Station: Charleston, Cooper River Entrance (8665530) Time offset in mins (high: 194 low: 169) Height offset in feet (high: *0.63 low: *1.79)