



NOAA Tide Predictions

Sand Shoal Inlet (Coast Guard Station), Virginia, 2013

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.



Sand Shoal Inlet (Coast Guard Station), Virginia, 2013

Times and Heights of High and Low Waters

January					February					March							
Time	Height	Time	Height		Time	Height	Time	Height		Time	Height	Time	Height				
h m	ft cm	h m	ft cm		h m	ft cm	h m	ft cm		h m	ft cm	h m	ft cm				
1 Tu	03:48 AM 10:23 AM 04:29 PM 10:44 PM	0.0 0 4.4 134 0.1 3 3.6 110	16 W	04:53 AM 11:16 AM 05:25 PM 05:25 PM	-0.4 -12 4.1 125 -0.4 -12 3.8 116	1 F	05:06 AM 11:24 AM 05:28 PM 11:54 PM	-0.1 -3 4.0 122 -0.2 -6 4.1 125	16 Sa	06:06 AM 12:13 PM 06:17 PM	0.2 6 3.2 98 0.1 3	1 F	03:59 AM 10:19 AM 04:15 PM 10:43 PM	-0.4 -12 4.2 128 -0.3 -9 4.7 143	16 Sa	05:44 AM 11:55 AM 05:49 PM	0.0 0 3.5 107 0.1 3
2 W	04:34 AM 11:04 AM 05:12 PM 11:29 PM	0.1 3 4.3 131 0.1 3 3.7 113	17 Th	05:48 AM 12:03 PM 06:13 PM	-0.1 -3 3.7 113 -0.2 -6	2 Sa	06:02 AM 12:13 PM 06:20 PM	0.0 0 3.7 113 -0.2 -6	17 Su	12:47 AM 07:00 AM 01:03 PM 07:06 PM	3.6 110 4.0 12 2.9 88 0.3 9	2 Sa	04:51 AM 11:05 AM 05:03 PM 11:34 PM	-0.2 -6 4.0 122 -0.2 -6 4.6 140	17 Su	12:19 AM 06:31 AM 12:38 PM 06:34 PM	4.1 125 0.3 9 3.3 101 0.3 9
3 Th	05:26 AM 11:48 AM 05:59 PM	0.2 6 4.0 122 0.1 3	18 F	12:36 AM 06:44 AM 12:52 PM 07:02 PM	3.6 110 0.2 6 3.3 101 0.0 0	3 Su	12:51 AM 07:03 AM 01:10 PM 07:16 PM	4.2 128 0.1 3 3.5 107 -0.2 -6	18 M	01:43 AM 07:56 AM 01:58 PM 07:58 PM	3.5 107 0.6 18 2.8 85 0.3 9	3 Su	05:47 AM 11:55 AM 05:57 PM	-0.1 -3 3.7 113 -0.2 -6	18 M	01:07 AM 07:21 AM 01:26 PM 07:24 PM	3.9 119 0.5 15 3.1 94 0.5 15
4 F	12:20 AM 06:22 AM 12:38 PM 06:48 PM	3.8 116 0.3 9 3.8 116 0.0 0	19 Sa	01:32 AM 07:42 AM 01:45 PM 07:51 PM	3.5 107 0.4 12 3.0 91 0.1 3	4 M	01:54 AM 08:07 AM 02:13 PM 08:15 PM	4.2 128 0.2 6 3.3 101 -0.2 -6	19 Tu	02:44 AM 08:54 AM 02:58 PM 08:53 PM	3.5 107 0.7 21 2.8 85 0.4 12	4 M	12:31 AM 06:48 AM 12:53 PM 06:56 PM	4.5 137 0.1 3 3.4 104 -0.1 -3	19 Tu	01:59 AM 08:14 AM 02:19 PM 08:17 PM	3.7 113 0.7 21 3.0 91 0.6 18
5 Sa	01:16 AM 07:22 AM 01:34 PM 07:42 PM	3.9 119 0.3 9 3.6 110 -0.1 -3	20 Su	02:32 AM 08:41 AM 02:42 PM 08:42 PM	3.5 107 0.5 15 2.8 85 0.2 6	5 Tu	03:01 AM 09:13 AM 03:20 PM 09:18 PM	4.3 131 0.1 3 3.3 101 -0.4 -12	20 W	03:44 AM 09:52 AM 03:56 PM 09:48 PM	3.6 110 0.7 21 2.9 88 0.3 9	5 Tu	01:35 AM 07:52 AM 01:58 PM 08:00 PM	4.4 134 0.2 6 3.3 101 -0.1 -3	20 W	02:58 AM 09:08 AM 03:18 PM 09:13 PM	3.6 110 0.8 24 3.0 91 0.6 18
6 Su	02:18 AM 08:26 AM 02:36 PM 08:38 PM	4.2 128 0.2 6 3.5 107 -0.2 -6	21 M	03:31 AM 09:41 AM 03:39 PM 09:33 PM	3.6 110 0.6 18 2.8 85 0.2 6	6 W	04:06 AM 10:19 AM 04:25 PM 10:22 PM	4.5 137 0.0 0 3.4 104 -0.5 -15	21 Th	04:38 AM 10:45 AM 04:48 PM 10:41 PM	3.8 116 0.6 18 3.1 94 0.2 6	6 W	02:44 AM 08:58 AM 03:07 PM 09:05 PM	4.3 131 0.2 6 3.3 101 -0.2 -6	21 Th	03:58 AM 10:03 AM 04:18 PM 10:10 PM	3.7 113 0.8 24 3.1 94 0.5 15
7 M	03:21 AM 09:31 AM 03:39 PM 09:37 PM	4.4 134 0.1 3 3.5 107 -0.4 -12	22 Tu	04:25 AM 10:38 AM 04:32 PM 10:25 PM	3.7 113 0.5 15 2.9 88 0.1 3	7 Th	05:08 AM 11:21 AM 05:25 PM 11:23 PM	4.7 143 -0.3 -9 3.6 110 -0.7 -21	22 F	05:25 AM 11:31 AM 05:36 PM 11:30 PM	4.0 122 0.4 12 3.4 104 0.0 0	7 Th	03:52 AM 10:04 AM 04:14 PM 10:11 PM	4.4 134 0.0 0 3.5 107 -0.3 -9	22 F	04:55 AM 10:57 AM 05:13 PM 11:06 PM	3.8 116 0.7 21 3.4 104 0.4 12
8 Tu	04:23 AM 11:37 AM 04:40 PM 10:37 PM	4.7 143 -0.1 -3 3.6 110 -0.6 -18	23 W	05:13 AM 11:27 AM 05:20 PM 11:13 PM	3.9 119 0.4 12 3.0 91 0.0 0	8 F	06:04 AM 12:17 PM 06:21 PM	4.9 149 -0.5 -15 3.8 116	23 Sa	06:09 AM 12:13 PM 06:20 PM	4.2 128 0.2 6 3.6 110	8 F	04:54 AM 11:04 AM 05:13 PM 11:13 PM	4.5 137 -0.1 -3 3.7 113 -0.5 -15	23 Sa	05:46 AM 11:46 AM 06:02 PM 11:58 PM	4.0 122 0.5 15 3.7 113 0.2 6
9 W	05:22 AM 11:37 AM 05:39 PM 11:36 PM	5.0 152 -0.3 -9 3.7 113 -0.8 -24	24 Th	05:58 AM 12:09 PM 06:06 PM 11:59 PM	4.1 125 0.3 9 3.2 98 -0.1 -3	9 Sa	12:20 AM 06:57 AM 01:07 PM 07:14 PM	-0.9 -27 4.9 149 -0.6 -18 4.0 122	24 Su	12:16 AM 06:51 AM 12:52 PM 07:04 PM	-0.2 -6 4.4 134 0.0 0 3.9 119	9 Sa	05:49 AM 11:57 AM 06:07 PM	4.5 137 -0.3 -9 4.0 122	24 Su	06:32 AM 12:31 PM 06:48 PM	4.2 128 0.3 9 4.1 125
10 Th	06:18 AM 12:33 PM 06:35 PM	5.2 158 -0.6 -18 3.8 116	25 F	06:40 AM 12:48 PM 06:49 PM	4.3 131 0.2 6 3.4 104	10 Su	01:12 AM 07:47 AM 01:53 PM 08:04 PM	-1.0 -30 4.9 149 -0.7 -21 4.2 128	25 M	12:59 AM 07:32 AM 01:30 PM 07:46 PM	-0.3 -9 4.5 137 -0.1 -3 4.2 128	10 Su	12:09 AM 07:39 AM 01:43 PM 07:57 PM	-0.6 -18 4.6 140 -0.5 -15 4.3 131	25 M	12:48 AM 07:16 AM 01:13 PM 07:33 PM	0.0 0 4.4 134 0.0 0 4.4 134
11 F	12:32 AM 07:12 AM 01:25 PM 07:30 PM	-1.0 -30 5.3 162 -0.7 -21 4.0 122	26 Sa	12:41 AM 07:21 AM 01:26 PM 07:32 PM	-0.2 -6 4.4 134 0.0 0 3.5 107	11 M	02:02 AM 08:34 AM 02:37 PM 08:52 PM	-1.0 -30 4.8 146 -0.8 -24 4.2 128	26 Tu	01:42 AM 08:12 AM 02:09 PM 08:29 PM	-0.4 -12 4.6 140 -0.3 -9 4.4 134	11 M	02:00 AM 08:26 AM 02:26 PM 08:43 PM	-0.7 -21 4.5 137 -0.5 -15 4.4 134	26 Tu	01:35 AM 07:59 AM 01:55 PM 08:18 PM	-0.3 -9 4.5 137 -0.2 -6 4.8 146
12 Sa	01:25 AM 08:04 AM 02:15 PM 08:23 PM	-1.1 -34 5.3 162 -0.8 -24 4.0 122	27 Su	01:23 AM 08:01 AM 02:03 PM 08:13 PM	-0.3 -9 4.5 137 -0.1 -3 3.7 113	12 Tu	02:50 AM 09:19 AM 03:19 PM 09:39 PM	-0.9 -27 4.5 137 -0.7 -21 4.2 128	27 W	02:26 AM 08:53 AM 02:48 PM 09:12 PM	-0.5 -15 4.6 140 -0.3 -9 4.6 140	12 Tu	02:47 AM 09:10 AM 03:07 PM 09:28 PM	-0.7 -21 4.4 134 -0.5 -15 4.5 137	27 W	02:21 AM 08:43 AM 02:37 PM 09:03 PM	-0.4 -12 4.6 140 -0.3 -9 5.0 152
13 Su	02:17 AM 08:55 AM 03:03 PM 09:14 PM	-1.1 -34 5.2 158 -0.8 -24 4.1 125	28 M	02:03 AM 08:40 AM 02:40 PM 08:55 PM	-0.4 -12 4.6 140 -0.2 -6 3.8 116	13 W	03:38 AM 10:02 AM 04:02 PM 10:24 PM	-0.7 -21 4.2 128 -0.5 -15 4.1 125	28 Th	03:11 AM 09:35 AM 03:30 PM 09:56 PM	-0.5 -15 4.4 134 -0.3 -9 4.6 140	13 W	03:31 AM 09:52 AM 03:46 PM 10:11 PM	-0.6 -18 4.2 128 -0.5 -15 4.5 137	28 Th	03:07 AM 09:28 AM 03:19 PM 09:49 PM	-0.5 -15 4.5 137 -0.4 -12 5.2 158
14 M	03:09 AM 09:43 AM 03:50 PM 10:05 PM	-0.9 -27 4.9 149 -0.7 -21 4.0 122	29 Tu	02:45 AM 09:19 AM 03:19 PM 09:36 PM	-0.4 -12 4.5 137 -0.2 -6 4.0 122	14 Th	04:26 AM 10:45 AM 04:45 PM 11:09 PM	-0.4 -12 3.9 119 -0.3 -9 4.0 122	14 Th	04:15 AM 10:33 AM 04:26 PM 10:53 PM	-0.5 -15 4.0 122 -0.3 -9 4.4 134	14 Th	04:15 AM 10:33 AM 04:26 PM 10:53 PM	-0.5 -15 4.0 122 -0.3 -9 4.4 134	29 F	03:54 AM 10:13 AM 04:04 PM 10:36 PM	-0.5 -15 4.4 134 -0.4 -12 5.2 158
15 Tu	04:00 AM 10:30 AM 04:38 PM 10:54 PM	-0.7 -21 4.5 137 -0.6 -18 3.9 119	30 W	03:28 AM 09:59 AM 03:59 PM 10:19 PM	-0.3 -9 4.4 134 -0.2 -6 4.1 125	15 F	05:15 AM 11:28 AM 05:30 PM 11:56 PM	-0.1 -3 3.5 107 -0.1 -3 3.8 116	15 F	04:59 AM 11:14 AM 05:06 PM 11:35 PM	-0.2 -6 3.8 116 -0.1 -3 4.3 131	15 F	04:59 AM 11:14 AM 05:06 PM 11:35 PM	-0.2 -6 3.8 116 -0.1 -3 4.3 131	30 Sa	04:44 AM 11:00 AM 04:51 PM 11:25 PM	-0.4 -12 4.3 131 -0.4 -12 5.2 158
			31 Th	04:15 AM 10:40 AM 04:42 PM 11:05 PM	-0.2 -6 4.2 128 -0.2 -6 4.1 125							31 Su	05:38 AM 11:49 AM 05:43 PM	-0.3 -9 4.0 122 -0.3 -9			



Sand Shoal Inlet (Coast Guard Station), Virginia, 2013

Datum:mean lower low water (MLLW) which is the chart datum of soundings

Times and Heights of High and Low Waters

April					May					June																
Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height													
h m	ft cm	h m	ft cm	h m	ft cm	h m	ft cm	h m	ft cm	h m	ft cm	h m	ft cm													
1 M	12:18 AM 06:35 AM 12:42 PM 06:41 PM	5.0 -0.1 3.8 -0.1	152 -3 116 -3	16 Tu	12:32 AM 06:46 AM 12:54 PM 06:46 PM	4.1 0.6 3.3 0.6	125 18 101 18	1 W	01:01 AM 07:21 AM 01:31 PM 07:30 PM	4.9 0.0 3.8 0.0	149 0 116 0	16 Th	12:47 AM 07:01 AM 01:13 PM 07:04 PM	4.2 0.6 3.4 2.1	128 18 104 21	1 Sa	02:40 AM 08:52 AM 03:23 PM 09:23 PM	4.1 0.0 4.0 3.0	125 0 122 9	16 Su	01:46 AM 07:56 AM 02:23 PM 08:23 PM	4.0 0.4 3.9 0.7	122 12 119 21			
2 Tu	01:15 AM 07:36 AM 01:42 PM 07:42 PM	4.8 0.1 3.6 0.0	146 3 110 0	17 W	01:21 AM 07:36 AM 01:44 PM 07:39 PM	4.0 0.7 3.2 0.7	122 21 98 21	2 Th	02:02 AM 08:21 AM 02:36 PM 08:35 PM	4.6 0.0 3.7 0.1	140 0 113 3	17 F	01:34 AM 07:48 AM 02:05 PM 07:58 PM	4.0 0.7 3.5 0.8	122 21 107 24	2 Su	03:41 AM 09:46 AM 04:25 PM 10:28 PM	3.8 0.1 4.1 0.3	116 3 125 9	17 M	02:39 AM 08:45 AM 03:19 PM 09:22 PM	3.9 0.3 4.2 0.6	119 9 128 18			
3 W	02:19 AM 08:39 AM 02:48 PM 08:48 PM	4.5 0.2 3.5 0.0	137 6 107 0	18 Th	02:14 AM 08:27 AM 02:40 PM 08:34 PM	3.8 0.8 3.2 0.7	116 24 98 21	3 F	03:06 AM 09:20 AM 03:45 PM 09:42 PM	4.3 0.1 3.8 0.2	131 3 116 6	18 Sa	02:26 AM 08:36 AM 03:00 PM 08:55 PM	3.9 0.6 3.7 0.7	119 18 113 21	3 M	04:40 AM 10:37 AM 05:20 PM 11:29 PM	3.6 0.1 4.2 0.3	110 3 128 9	18 Tu	03:36 AM 09:36 AM 04:17 PM 10:23 PM	3.8 0.2 4.6 0.4	116 6 140 12			
4 Th	03:27 AM 09:42 AM 03:58 PM 09:55 PM	4.3 0.2 3.5 0.0	131 6 107 0	19 F	03:11 AM 09:18 AM 03:39 PM 09:31 PM	3.8 0.8 3.4 0.7	116 24 104 21	4 Sa	04:12 AM 10:18 AM 05:49 PM 10:47 PM	4.0 0.1 4.0 0.2	122 3 122 6	19 Su	03:21 AM 09:25 AM 03:56 PM 09:53 PM	3.9 0.5 4.0 0.6	119 15 122 18	4 Tu	05:33 AM 11:26 AM 06:08 PM	3.5 0.1 4.4	107 3 134	19 W	04:35 AM 10:30 AM 05:14 PM 11:24 PM	3.8 0.0 4.9 0.2	116 0 149 6			
5 F	04:35 AM 10:44 AM 05:04 PM 11:01 PM	4.2 0.1 3.7 -0.1	128 3 113 -3	20 Sa	04:08 AM 10:09 AM 04:35 PM 10:29 PM	3.9 0.7 3.7 0.6	119 21 113 18	5 Su	05:11 AM 11:11 AM 05:44 PM 11:49 PM	3.9 0.1 4.2 0.1	119 3 128 3	20 M	04:16 AM 10:15 AM 04:51 PM 10:52 PM	3.9 0.3 4.4 0.4	119 9 134 12	5 W	12:24 AM 06:20 AM 12:12 PM 06:51 PM	0.3 3.4 0.1 4.5	9 104 13 137	20 Th	05:32 AM 11:26 AM 06:09 PM	3.9 -0.2 5.3	119 -6 162			
6 Sa	05:36 AM 11:40 AM 06:01 PM	4.2 0.0 4.0	128 0 122	21 Su	05:01 AM 10:59 AM 05:27 PM 11:25 PM	4.0 0.5 4.1 0.3	122 15 125 9	6 M	06:04 AM 12:00 PM 06:32 PM	3.8 0.0 4.4	116 0 134	21 Tu	05:11 AM 11:06 AM 05:43 PM 11:50 PM	4.0 0.1 4.8 0.2	122 3 146 6	6 Th	01:11 AM 07:04 AM 12:55 PM 07:32 PM	0.2 3.4 0.1 4.6	6 104 13 140	21 F	12:23 AM 06:28 AM 12:22 PM 07:04 PM	0.0 4.0 -0.4 5.6	0 122 -12 171			
7 Su	12:02 AM 06:29 AM 12:31 PM 06:51 PM	-0.2 4.2 -0.1 4.3	-6 128 -3 131	22 M	05:51 AM 11:47 AM 06:15 PM	4.1 0.3 4.5	125 9 137	7 Tu	12:43 AM 06:50 AM 12:44 PM 07:15 PM	0.0 3.8 0.0 4.6	0 116 0 140	22 W	06:03 AM 11:57 AM 06:34 PM	4.1 -0.1 5.2	125 -3 158	7 F	01:52 AM 07:46 AM 01:36 PM 08:12 PM	0.2 3.5 0.1 4.7	6 107 3 143	22 Sa	01:20 AM 07:24 AM 01:18 PM 07:58 PM	-0.3 4.1 -0.6 5.8	-9 125 -18 177			
8 M	12:57 AM 07:17 AM 01:16 PM 07:37 PM	-0.3 4.2 -0.2 4.5	-9 128 -6 137	23 Tu	12:18 AM 06:39 AM 12:34 PM 07:02 PM	0.1 4.3 0.0 4.9	3 131 0 149	8 W	01:30 AM 07:33 AM 01:25 PM 07:56 PM	0.0 3.7 -0.1 4.7	0 113 -3 143	23 Th	12:45 AM 06:55 AM 12:48 PM 07:25 PM	-0.1 4.2 -0.3 5.5	-3 128 -9 168	8 Sa	02:30 AM 08:28 AM 02:15 PM 08:53 PM	0.2 3.5 0.1 4.8	6 107 3 146	23 Su	02:14 AM 09:14 AM 02:12 PM 08:52 PM	-0.4 4.3 -0.7 5.9	-12 131 -21 180			
9 Tu	01:46 AM 08:01 AM 01:57 PM 08:20 PM	-0.4 4.1 -0.3 4.6	-12 125 -9 140	24 W	01:10 AM 07:26 AM 01:20 PM 07:50 PM	-0.2 4.4 -0.2 5.3	-6 134 -6 162	9 Th	02:12 AM 08:15 AM 02:05 PM 08:36 PM	-0.1 3.7 -0.1 4.8	-3 113 -3 146	24 F	01:39 AM 07:47 AM 01:39 PM 08:16 PM	-0.3 4.3 -0.5 5.8	-9 131 -15 177	9 Su	03:07 AM 09:10 AM 02:55 PM 09:34 PM	0.2 3.5 0.1 4.8	6 107 3 146	24 M	03:06 AM 09:14 AM 03:06 PM 09:45 PM	-0.6 4.1 -0.8 5.8	-18 131 -24 177			
10 W	02:30 AM 08:43 AM 02:36 PM 09:02 PM	-0.4 4.1 -0.3 4.7	-12 125 -9 143	25 Th	01:59 AM 08:14 AM 02:06 PM 08:38 PM	-0.4 4.5 -0.4 5.5	-12 137 -12 168	10 F	02:51 AM 08:56 AM 02:43 PM 09:17 PM	0.0 3.7 0.0 4.8	0 113 0 146	25 Sa	02:31 AM 08:39 AM 02:30 PM 09:09 PM	-0.5 4.3 -0.6 5.9	-15 131 -18 180	10 M	03:44 AM 09:52 AM 03:34 PM 10:14 PM	0.2 3.6 0.2 4.7	6 110 6 143	25 Tu	03:58 AM 10:09 AM 04:00 PM 10:38 PM	-0.6 4.4 -0.7 5.6	-18 134 -21 171			
11 Th	03:11 AM 09:24 AM 03:14 PM 09:43 PM	-0.3 4.0 -0.2 4.7	-9 122 -6 143	26 F	02:49 AM 09:03 AM 02:53 PM 09:27 PM	-0.5 4.5 -0.5 5.7	-15 137 -15 174	11 Sa	03:29 AM 09:36 AM 03:21 PM 09:58 PM	0.0 3.6 0.1 4.7	0 110 3 143	26 Su	03:23 AM 09:33 AM 03:22 PM 10:02 PM	-0.6 4.3 -0.7 5.8	-18 131 -21 177	11 Tu	04:23 AM 10:34 AM 04:15 PM 10:54 PM	0.3 3.6 0.3 4.6	9 110 9 140	26 W	04:50 AM 11:04 AM 04:56 PM 11:29 PM	-0.6 4.3 -0.5 5.2	-18 131 -15 158			
12 F	03:52 AM 10:04 AM 03:52 PM 10:24 PM	-0.2 3.8 -0.1 4.6	-6 116 -3 140	27 Sa	03:39 AM 09:52 AM 03:41 PM 10:18 PM	-0.5 4.4 -0.5 5.7	-15 134 -15 174	12 Su	04:08 AM 10:18 AM 04:01 PM 10:39 PM	0.1 3.6 0.2 4.6	3 110 6 140	27 M	04:16 AM 10:26 AM 04:16 PM 10:55 PM	-0.5 4.3 -0.6 5.6	-15 131 -18 171	12 W	05:03 AM 11:15 AM 04:58 PM 11:35 PM	0.4 3.6 0.4 4.5	12 110 12 137	27 Th	05:42 AM 11:58 AM 05:54 PM	-0.4 4.3 -0.3	-12 131 -9			
13 Sa	04:33 AM 10:45 AM 04:31 PM 11:05 PM	0.0 3.7 0.1 4.5	0 113 3 137	28 Su	04:30 AM 10:43 AM 04:32 PM 11:30 PM	-0.5 4.2 -0.4 5.5	-15 128 -12 168	13 M	04:49 AM 10:59 AM 04:42 PM 11:20 PM	0.3 3.5 0.3 4.5	9 107 9 137	28 Tu	05:09 AM 11:21 AM 05:12 PM 11:48 PM	-0.5 4.2 -0.4 5.3	-15 128 -12 162	13 Th	05:44 AM 11:58 AM 05:43 PM	0.4 3.6 0.5	12 110 15	28 F	12:21 AM 06:34 AM 12:53 PM 06:54 PM	4.8 -0.3 4.2 0.0	146 -9 128 0			
14 Su	05:15 AM 11:26 AM 05:13 PM 11:48 PM	0.2 3.5 0.3 4.3	6 107 9 131	29 M	05:25 AM 11:35 AM 05:27 PM	-0.3 4.1 -0.3	-9 125 -9	14 Tu	05:31 AM 11:41 AM 05:25 PM	0.4 3.5 0.5	12 107 15	29 W	06:05 AM 12:17 PM 06:12 PM	-0.3 4.1 -0.2	-9 125 -6	14 F	12:15 AM 06:26 AM 12:42 PM 06:33 PM	4.3 0.5 3.7 0.6	131 15 113 18	29 Sa	01:13 AM 07:27 AM 01:51 PM 07:55 PM	4.3 -0.2 4.1 0.2	131 -6 125 6			
15 M	05:59 AM 12:08 PM 05:57 PM	0.4 3.4 0.5	12 104 15	30 Tu	12:04 AM 06:22 AM 12:31 PM 06:27 PM	5.3 -0.2 3.9 -0.1	162 -6 119 -3	15 W	12:02 AM 06:15 AM 12:25 PM 06:13 PM	4.4 0.5 3.4 0.6	134 15 104 18	30 Th	12:43 AM 07:01 AM 01:16 PM 07:14 PM	4.9 -0.2 4.0 0.0	149 -6 122 0	15 Sa	12:58 AM 07:10 AM 01:30 PM 07:26 PM	4.2 0.5 3.8 0.7	128 15 116 21	30 Su	02:07 AM 08:18 AM 02:51 PM 08:58 PM	3.9 0.0 4.1 0.4	119 0 125 12			
								31 F	01:40 AM 07:57 AM 02:18 PM 08:18 PM	4.5 -0.1 3.9 0.2	137 -3 119 6															



Sand Shoal Inlet (Coast Guard Station), Virginia, 2013

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	03:05 AM	3.5	107	16	02:04 AM	3.9	119	1	04:22 AM	3.1	94	16	03:45 AM	3.7	113
M	09:09 AM	0.1	3	Tu	08:11 AM	0.3	9	Th	10:14 AM	0.5	15	F	09:43 AM	0.1	3
	03:52 PM	4.1	125		02:47 PM	4.5	137		05:07 PM	4.2	128		04:31 PM	5.0	152
	10:01 PM	0.5	15		08:56 PM	0.6	18		11:25 PM	0.8	24		10:45 PM	0.4	12
2	04:03 AM	3.3	101	17	03:03 AM	3.7	113	2	05:17 AM	3.2	98	17	04:51 AM	3.8	116
Tu	10:00 AM	0.2	6	W	09:05 AM	0.2	6	F	11:06 AM	0.5	15	Sa	10:47 AM	0.0	0
	04:49 PM	4.2	128		03:48 PM	4.7	143		05:57 PM	4.3	131		05:33 PM	5.2	158
	11:02 PM	0.6	18		09:59 PM	0.5	15						11:47 PM	0.2	6
3	04:59 AM	3.2	98	18	04:06 AM	3.7	113	3	12:15 AM	0.7	21	18	05:53 AM	4.0	122
W	10:50 AM	0.3	9	Th	10:03 AM	0.0	0	Sa	06:06 AM	3.3	101	Su	11:49 AM	-0.2	-6
	05:40 PM	4.3	131		04:50 PM	5.0	152		11:56 AM	0.4	12		06:31 PM	5.4	165
	11:59 PM	0.6	18		11:02 PM	0.3	9		06:41 PM	4.5	137		07:32 PM	4.8	146
4	05:49 AM	3.2	98	19	05:08 AM	3.8	116	4	12:58 AM	0.6	18	19	12:44 AM	0.0	0
Th	11:39 AM	0.3	9	F	11:03 AM	-0.2	-6	Su	06:51 AM	3.5	107	M	06:51 AM	4.3	131
	06:25 PM	4.4	134		05:49 PM	5.3	162		12:43 PM	0.3	9		12:49 PM	-0.4	-12
									07:23 PM	4.6	140		07:25 PM	5.5	168
5	12:47 AM	0.5	15	20	12:04 AM	0.1	3	5	01:35 AM	0.5	15	20	01:36 AM	-0.2	-6
F	06:35 AM	3.3	101	Sa	06:08 AM	3.9	119	M	07:35 AM	3.7	113	Tu	07:45 AM	4.6	140
	12:25 PM	0.2	6		12:03 PM	-0.4	-12		11:26 PM	0.2	6		01:44 PM	-0.6	-18
	07:08 PM	4.5	137		06:46 PM	5.5	168		08:03 PM	4.8	146		08:17 PM	5.5	168
6	01:28 AM	0.4	12	21	01:02 AM	-0.1	-3	6	02:11 AM	0.4	12	21	02:24 AM	-0.4	-12
Sa	07:19 AM	3.4	104	Su	07:05 AM	4.1	125	Tu	08:17 AM	3.9	119	W	08:38 AM	4.8	146
	01:09 PM	0.2	6		01:01 PM	-0.6	-18		02:07 PM	0.2	6		02:37 PM	-0.6	-18
	07:49 PM	4.6	140		07:41 PM	5.7	174		08:43 PM	4.9	149		09:06 PM	5.4	165
7	02:06 AM	0.4	12	22	01:56 AM	-0.4	-12	7	02:47 AM	0.3	9	22	03:10 AM	-0.5	-15
Su	08:02 AM	3.5	107	M	08:01 AM	4.3	131	W	08:59 AM	4.1	125	Th	09:28 AM	4.9	149
	01:51 PM	0.1	3		01:57 PM	-0.7	-21		02:48 PM	0.1	3		03:27 PM	-0.5	-15
	08:30 PM	4.7	143		08:35 PM	5.7	174		09:22 PM	4.9	149		09:54 PM	5.1	155
8	02:42 AM	0.3	9	23	02:47 AM	-0.5	-15	8	03:23 AM	0.2	6	23	03:55 AM	-0.4	-12
M	08:44 AM	3.6	110	Tu	08:56 AM	4.5	137	Th	09:39 AM	4.3	131	F	10:17 AM	5.0	152
	02:31 PM	0.1	3		02:51 PM	-0.8	-24		03:29 PM	0.2	6		04:17 PM	-0.3	-9
	09:10 PM	4.8	146		09:27 PM	5.6	171		10:00 PM	4.8	146		10:40 PM	4.8	146
9	03:18 AM	0.3	9	24	03:36 AM	-0.6	-18	9	03:59 AM	0.2	6	24	04:39 AM	-0.3	-9
Tu	09:26 AM	3.7	113	W	09:50 AM	4.6	140	F	10:20 AM	4.4	134	Sa	11:05 AM	4.9	149
	03:11 PM	0.1	3		03:44 PM	-0.7	-21		04:10 PM	0.2	6		05:08 PM	-0.1	-3
	09:49 PM	4.8	146		10:17 PM	5.4	165		10:39 PM	4.7	143		11:25 PM	4.5	137
10	03:55 AM	0.3	9	25	04:24 AM	-0.5	-15	10	04:37 AM	0.2	6	25	05:24 AM	-0.1	-3
W	10:07 AM	3.8	116	Th	10:42 AM	4.6	140	Sa	11:01 AM	4.5	137	Su	11:52 AM	4.7	143
	03:51 PM	0.2	6		04:38 PM	-0.5	-15		04:55 PM	0.3	9		06:00 PM	0.2	6
	10:28 PM	4.7	143		11:06 PM	5.1	155		11:18 PM	4.6	140				
11	04:32 AM	0.3	9	26	05:12 AM	-0.4	-12	11	05:18 AM	0.3	9	26	12:10 AM	4.1	125
Th	10:48 AM	3.9	119	F	11:33 AM	4.6	140	Su	11:44 AM	4.6	140	M	06:11 AM	0.2	6
	04:33 PM	0.3	9		05:32 PM	-0.2	-6		05:43 PM	0.4	12		12:41 PM	4.5	137
	11:07 PM	4.6	140		11:54 PM	4.6	140						06:53 PM	0.5	15
12	05:11 AM	0.3	9	27	06:01 AM	-0.3	-9	12	12:00 AM	4.3	131	27	12:57 AM	3.7	113
F	11:30 AM	4.0	122	Sa	12:24 PM	4.5	137	M	06:02 AM	0.3	9	Tu	06:59 AM	0.4	12
	05:18 PM	4.4	132		06:29 PM	0.1	3		12:30 PM	4.6	140		01:32 PM	4.3	131
	11:46 PM	0.5	15						06:37 PM	0.5	15		07:49 PM	0.8	24
13	05:51 AM	0.3	9	28	12:42 AM	4.2	128	13	12:46 AM	4.1	125	28	01:47 AM	3.4	104
Sa	12:12 PM	4.0	122	Su	06:50 AM	0.0	0	Tu	06:50 AM	0.3	9	W	07:50 AM	0.6	18
	06:06 PM	0.5	15		01:17 PM	4.3	131		01:22 PM	4.7	143		02:28 PM	4.2	128
					07:27 PM	0.3	9		07:34 PM	0.6	18		08:47 PM	0.9	27
14	12:27 AM	4.3	131	29	01:32 AM	3.8	116	14	01:39 AM	3.9	119	29	02:44 AM	3.3	101
Su	06:34 AM	0.3	9	M	07:40 AM	0.2	6	W	07:44 AM	0.3	9	Th	08:43 AM	0.7	21
	12:58 PM	4.2	128		02:13 PM	4.2	128		02:21 PM	4.7	143		03:29 PM	4.1	125
	06:59 PM	0.6	18		08:26 PM	0.6	18		08:36 PM	0.6	18		09:45 PM	1.0	30
15	01:12 AM	4.1	125	30	02:26 AM	3.4	104	15	02:39 AM	3.7	113	30	03:44 AM	3.2	98
M	07:21 AM	0.3	9	Tu	08:30 AM	0.3	9	Th	08:42 AM	0.2	6	F	09:38 AM	0.8	24
	01:50 PM	4.3	131		03:12 PM	4.1	125		03:26 PM	4.8	146		04:29 PM	4.1	125
	07:56 PM	0.6	18		09:26 PM	0.7	21		09:40 PM	0.6	18		10:43 PM	1.0	30
				31	03:23 AM	3.2	98	31	04:43 AM	3.3	101	31	04:43 AM	3.3	101
				W	09:22 AM	0.4	12		10:33 AM	0.7	21		10:33 AM	0.7	21
					04:12 PM	4.1	125		05:22 PM	4.3	131		05:22 PM	4.3	131
					10:27 PM	0.8	24		11:34 PM	0.9	27		11:34 PM	0.9	27

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: OCEAN CITY (FISHING PIER) (8570280) Height offset in feet (low:*1.00 high: * 1.18) Time offset in mins (low:17 high: 32)



Sand Shoal Inlet (Coast Guard Station), Virginia, 2013

Times and Heights of High and Low Waters

October				November				December																	
Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height														
h m	ft cm	h m	ft cm	h m	ft cm	h m	ft cm	h m	ft cm	h m	ft cm														
1 Tu	05:50 AM 11:42 AM 06:14 PM	4.0 0.7 4.5	122 21 137	16 W	12:01 AM 06:25 AM 12:28 PM 06:47 PM	0.1 4.7 0.0 4.6	3 143 0 140	1 F	12:14 AM 06:45 AM 12:49 PM 07:04 PM	0.3 4.9 0.3 4.5	9 149 9 137	16 Sa	12:05 AM 06:38 AM 12:53 PM 06:53 PM	-0.1 4.9 0.0 3.9	-3 149 0 119	1 Su	06:03 AM 12:15 PM 06:21 PM	5.3 -0.1 4.2	162 -3 128	16 M	07:00 AM 01:17 PM 07:11 PM	-0.2 4.6 0.0 3.4	-6 140 0 104		
2 W	12:14 AM 06:34 AM 12:30 PM 06:57 PM	0.7 4.4 0.5 4.7	21 134 15 143	17 Th	12:48 AM 07:13 AM 01:20 PM 07:34 PM	-0.1 4.9 -0.1 4.6	-3 149 -3 140	2 Sa	12:58 AM 07:30 AM 01:37 PM 07:49 PM	0.0 5.3 0.0 4.5	0 162 0 137	17 Su	12:46 AM 07:20 AM 01:35 PM 07:35 PM	-0.2 5.0 0.1 3.8	-6 152 3 116	2 M	12:15 AM 06:53 AM 01:06 PM 07:12 PM	-0.5 5.6 -0.3 4.2	-15 171 -9 128	17 Tu	01:02 AM 07:41 AM 01:54 PM 07:53 PM	-0.2 4.6 0.0 3.4	-6 140 0 104		
3 Th	12:55 AM 07:17 AM 01:16 PM 07:38 PM	0.4 4.7 0.3 4.8	12 143 9 146	18 F	01:32 AM 07:58 AM 02:08 PM 08:18 PM	-0.2 5.1 -0.1 4.5	-6 155 -3 137	3 Su	01:43 AM 07:16 AM 01:25 PM 07:36 PM	-0.1 5.6 -0.1 4.6	-3 171 -3 140	18 M	01:26 AM 08:02 AM 02:14 PM 08:17 PM	-0.1 5.0 0.1 3.7	-3 152 3 113	3 Tu	01:05 AM 07:44 AM 01:56 PM 08:03 PM	-0.6 5.7 -0.4 4.2	-18 174 -12 128	18 W	01:42 AM 08:21 AM 02:31 PM 08:34 PM	-0.2 4.6 0.1 3.4	-6 140 3 104		
4 F	01:35 AM 07:59 AM 02:01 PM 08:20 PM	0.3 5.1 0.1 4.8	9 155 3 146	19 Sa	02:13 AM 08:42 AM 02:52 PM 09:01 PM	-0.2 5.2 -0.1 4.3	-6 158 -3 131	4 M	01:28 AM 08:03 AM 02:13 PM 08:24 PM	-0.3 5.8 -0.2 4.5	-9 177 -6 137	19 Tu	02:05 AM 08:43 AM 02:54 PM 08:59 PM	-0.1 4.9 0.2 3.7	-3 149 6 113	4 W	01:55 AM 08:36 AM 02:47 PM 08:56 PM	-0.7 5.8 -0.5 4.2	-21 177 -15 128	19 Th	02:21 AM 09:01 AM 03:08 PM 09:16 PM	-0.1 4.6 0.1 3.4	-3 140 3 104		
5 Sa	02:14 AM 08:42 AM 02:45 PM 09:03 PM	0.1 5.3 0.0 4.8	3 162 0 146	20 Su	02:53 AM 09:25 AM 03:35 PM 09:43 PM	-0.1 5.2 0.0 4.2	-3 158 0 128	5 Tu	02:14 AM 08:52 AM 03:03 PM 09:13 PM	-0.3 5.8 -0.2 4.4	-9 177 -6 134	20 W	02:45 AM 09:24 AM 03:35 PM 09:41 PM	0.1 4.8 0.3 3.6	3 146 9 110	5 Th	02:47 AM 09:28 AM 03:40 PM 09:49 PM	-0.7 5.7 -0.5 4.2	-21 174 -15 128	20 F	03:00 AM 09:41 AM 03:47 PM 09:57 PM	0.0 4.5 0.2 3.4	0 137 6 104		
6 Su	02:55 AM 09:26 AM 03:31 PM 09:46 PM	0.0 5.5 0.0 4.7	0 168 0 143	21 M	03:33 AM 10:07 AM 04:17 PM 10:25 PM	0.0 5.1 0.2 4.0	0 155 6 122	6 W	03:03 AM 09:43 AM 03:55 PM 10:04 PM	-0.3 5.7 -0.1 4.2	-9 174 -3 128	21 Th	03:26 AM 10:06 AM 04:17 PM 10:23 PM	0.2 4.6 0.4 3.5	6 140 12 107	6 F	03:41 AM 10:20 AM 04:34 PM 10:44 PM	-0.6 5.4 -0.4 4.1	-18 165 -12 125	21 Sa	03:42 AM 10:20 AM 04:27 PM 10:39 PM	0.1 4.3 0.3 3.4	3 131 9 104		
7 M	03:37 AM 10:12 AM 04:18 PM 10:32 PM	0.0 5.6 0.1 4.5	0 171 3 137	22 Tu	04:14 AM 10:50 AM 05:01 PM 11:08 PM	0.2 4.9 0.4 3.8	6 149 12 116	7 Th	03:55 AM 10:35 AM 04:51 PM 10:58 PM	-0.2 5.5 0.0 4.1	-6 168 0 125	22 F	04:09 AM 11:48 AM 05:00 PM 11:08 PM	0.4 4.4 0.6 3.4	12 134 18 104	7 Sa	04:39 AM 11:13 AM 05:29 PM 11:41 PM	-0.4 5.1 -0.3 4.0	-12 155 -9 122	22 Su	04:25 AM 11:00 AM 05:08 PM 11:22 PM	0.3 4.2 0.3 3.4	9 128 9 104		
8 Tu	04:23 AM 10:59 AM 05:10 PM 11:20 PM	0.0 5.6 0.2 4.3	0 171 6 131	23 W	04:56 AM 11:33 AM 05:47 PM 11:52 PM	0.4 4.7 0.6 3.6	12 143 18 110	8 F	04:53 AM 11:30 AM 05:50 PM 11:57 PM	-0.1 5.2 0.1 3.9	-3 158 3 119	23 Sa	04:55 AM 11:32 AM 05:46 PM 11:55 PM	0.6 4.2 0.7 3.4	18 128 21 104	8 Su	05:40 AM 12:09 PM 06:26 PM	-0.2 4.6 -0.2	-6 140 -6	23 M	05:12 AM 11:41 AM 05:51 PM	0.4 4.0 0.3	12 122 9		
9 W	05:12 AM 11:50 AM 06:05 PM	0.1 5.4 0.3	3 165 9	24 Th	05:41 AM 12:19 PM 06:35 PM	0.6 4.5 0.8	18 137 24	9 Sa	05:55 AM 12:29 PM 06:49 PM	0.1 4.9 0.2	3 149 6	24 Su	05:46 AM 12:18 PM 06:33 PM	0.7 4.1 0.7	21 125 21	9 M	12:42 AM 06:44 AM 01:07 PM 07:22 PM	3.9 0.0 4.2 -0.1	119 0 128 -3	24 Tu	12:08 AM 06:03 AM 12:25 PM 06:35 PM	3.5 0.5 3.8 0.3	107 15 116 9		
10 Th	12:11 AM 06:07 AM 12:45 PM 07:05 PM	4.1 0.2 5.2 0.4	125 6 158 12	25 F	12:38 AM 06:30 AM 01:07 PM 07:25 PM	3.5 0.8 4.3 0.9	107 24 131 27	10 Su	01:00 AM 07:00 AM 01:31 PM 07:49 PM	3.9 0.2 4.6 0.2	119 6 140 6	25 M	12:46 AM 06:39 AM 01:08 PM 07:20 PM	3.4 0.8 3.9 0.7	104 24 119 21	10 Tu	01:48 AM 07:49 AM 02:08 PM 08:17 PM	3.9 0.1 3.8 -0.1	119 3 116 -3	25 W	12:59 AM 06:57 AM 01:15 PM 07:23 PM	3.6 0.6 3.6 0.3	110 18 110 9		
11 F	01:09 AM 07:08 AM 01:45 PM 08:07 PM	3.9 0.3 5.0 0.5	119 9 152 15	26 Sa	01:29 AM 07:23 AM 01:59 PM 08:16 PM	3.4 0.9 4.1 1.0	104 27 125 30	11 M	02:09 AM 08:07 AM 02:36 PM 08:47 PM	3.9 0.3 4.3 0.1	119 9 131 3	26 Tu	01:42 AM 07:35 AM 02:01 PM 08:08 PM	3.5 0.8 3.8 0.6	107 24 116 18	11 W	02:54 AM 08:56 AM 03:10 PM 09:12 PM	4.0 2.0 3.6 -0.1	122 6 110 -3	26 Th	01:54 AM 07:55 AM 02:10 PM 08:13 PM	3.7 0.5 3.5 0.2	113 15 107 6		
12 Sa	02:13 AM 08:13 AM 02:51 PM 09:10 PM	3.8 0.4 4.8 0.5	116 12 146 15	27 Su	02:26 AM 08:19 AM 02:55 PM 09:07 PM	3.4 1.0 4.1 1.0	104 30 125 30	12 Tu	03:17 AM 09:13 AM 03:39 PM 09:42 PM	4.1 0.3 4.2 0.1	125 9 128 3	27 W	02:38 AM 08:32 AM 02:56 PM 08:56 PM	3.8 0.7 3.8 0.4	116 21 116 12	12 Th	03:56 AM 10:01 AM 04:08 PM 10:04 PM	4.1 0.2 3.4 -0.1	125 6 104 -3	27 F	02:53 AM 08:55 AM 03:08 PM 09:06 PM	4.0 0.4 3.5 0.0	122 12 107 0		
13 Su	03:22 AM 09:19 AM 03:58 PM 10:11 PM	3.9 0.4 4.7 0.4	119 12 143 12	28 M	03:25 AM 09:16 AM 03:51 PM 09:56 PM	3.5 1.0 4.1 0.9	107 30 125 27	13 W	04:17 AM 10:18 AM 04:35 PM 10:34 PM	4.3 0.2 4.0 0.0	131 6 122 0	28 Th	03:33 AM 09:30 AM 03:49 PM 09:45 PM	4.1 0.6 3.9 0.3	125 18 119 9	13 F	04:49 AM 11:01 AM 05:00 PM 10:54 PM	4.2 0.2 3.3 -0.1	128 6 101 -3	28 Sa	03:50 AM 09:56 AM 04:06 PM 10:02 PM	4.4 0.3 3.6 -0.2	134 9 110 -6		
14 M	04:30 AM 10:26 AM 05:01 PM 11:08 PM	4.1 0.3 4.7 0.2	125 9 143 6	29 Tu	04:22 AM 10:12 AM 04:44 PM 10:43 PM	3.8 0.9 4.1 0.7	116 27 125 21	14 Th	05:09 AM 11:16 AM 05:25 PM 11:21 PM	4.6 0.1 4.0 -0.1	140 3 122 -3	29 F	04:24 AM 10:27 AM 04:41 PM 10:35 PM	4.5 0.4 4.0 0.0	137 12 122 0	14 Sa	05:36 AM 11:53 AM 05:46 PM 11:39 PM	4.4 0.1 3.3 -0.2	134 3 101 -6	29 Su	04:46 AM 10:56 AM 05:02 PM 10:58 PM	4.7 0.0 3.7 -0.5	143 0 113 -15		
15 Tu	05:31 AM 11:29 AM 05:57 PM	4.4 0.1 4.7	134 3 143	30 W	05:13 AM 11:07 AM 05:32 PM 11:29 PM	4.1 0.7 4.3 0.5	125 21 131 15	15 F	05:55 AM 12:07 PM 06:10 PM	4.8 0.0 3.9	146 0 119	30 Sa	05:14 AM 11:22 AM 05:31 PM 11:25 PM	4.9 0.1 4.1 -0.2	149 3 125 -6	15 Su	06:19 AM 12:37 PM 06:29 PM	4.5 0.1 3.3	137 3 101	30 M	05:40 AM 11:53 AM 05:57 PM 11:53 PM	5.1 -0.2 3.8 -0.7	155 -6 116 -21		
				31 Th	06:00 AM 11:59 AM 06:18 PM	4.5 0.5 4.4	137 15 134											31 Tu	06:34 AM 12:47 PM 06:51 PM	5.4 -0.5 4.0	165 -15 122				

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