



NOAA Tide Predictions

Smith Island (Coast Guard Station), Virginia, 2016

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.



StationId:8631874
Source:NOAA/NOS/CO-OPS
Station Type:Subordinate
Time Zone:LST/LDT
Datum:mean lower low water (MLLW) which is the chart datum of soundings

NOAA Tide Predictions

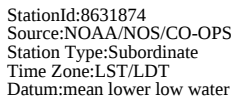
Smith Island (Coast Guard Station),Virginia,2016

Times and Heights of High and Low Waters

January					February					March				
Time		Height			Time		Height			Time		Height		
h	m	ft	cm		h	m	ft	cm		h	m	ft	cm	
1	12:50 AM	2.9	88		16	12:49 AM	3.6	110		1	01:08 AM	3.3	101	
F	07:43 AM	0.5	15		Sa	07:46 AM	-0.2	-6		Tu	08:09 AM	0.8	24	
	01:11 PM	3.1	94		●	01:11 PM	3.5	107		●	01:27 PM	2.8	85	
	08:16 PM	0.4	12			08:14 PM	-0.5	-15			08:18 PM	0.6	18	
2	01:46 AM	2.9	88		17	01:51 AM	3.6	110		2	02:03 AM	3.3	101	
Sa	08:37 AM	0.7	21		Su	08:50 AM	-0.1	-3		W	09:04 AM	0.8	24	
●	02:03 PM	2.9	88			02:11 PM	3.2	98			02:24 PM	2.7	82	
	09:02 PM	0.4	12			09:11 PM	-0.5	-15			09:12 PM	0.5	15	
3	02:42 AM	3.0	91		18	02:56 AM	3.7	113		3	03:04 AM	3.4	104	
Su	09:33 AM	0.8	24		M	09:56 AM	0.0	0		Th	10:02 AM	0.8	24	
	02:57 PM	2.8	85			03:15 PM	3.0	91			03:24 PM	2.8	85	
	09:49 PM	0.4	12			10:09 PM	-0.5	-15			10:09 PM	0.4	12	
4	03:38 AM	3.2	98		19	04:02 AM	3.8	116		4	04:03 AM	3.6	110	
M	10:29 AM	0.8	24		Tu	11:03 AM	0.0	0		F	11:01 AM	0.6	18	
	03:51 PM	2.8	85			04:18 PM	2.9	88			04:23 PM	3.0	91	
	10:37 PM	0.3	9			11:08 PM	-0.6	-18			11:07 PM	0.1	3	
5	04:30 AM	3.4	104		20	05:03 AM	3.9	119		5	04:59 AM	3.9	119	
Tu	11:24 AM	0.7	21		W	12:08 PM	-0.2	-6		Sa	11:57 AM	0.3	9	
	04:42 PM	2.8	85			05:18 PM	2.9	88			05:17 PM	3.3	101	
	11:26 PM	0.2	6											
6	05:18 AM	3.6	110		21	12:06 AM	-0.7	-21		6	12:05 AM	-0.2	-6	
W	12:16 PM	0.5	15		Th	05:58 AM	4.0	122		Su	05:51 AM	4.1	125	
	05:30 PM	2.9	88			01:06 PM	-0.3	-9			12:50 PM	0.0	0	
						06:12 PM	3.0	91			06:09 PM	3.6	110	
7	12:14 AM	0.0	0		22	01:00 AM	-0.8	-24		7	12:59 AM	-0.6	-18	
Th	06:04 AM	3.9	119		F	06:49 AM	4.1	125		M	06:42 AM	4.4	134	
	01:05 PM	0.3	9			01:57 PM	-0.4	-12			01:39 PM	-0.4	-12	
	06:17 PM	3.1	94			07:03 PM	3.1	94			07:00 PM	3.9	119	
8	01:01 AM	-0.2	-6		23	01:50 AM	-0.9	-27		8	01:52 AM	-0.9	-27	
F	06:49 AM	4.1	125		Sa	07:37 AM	4.2	128		Tu	07:31 AM	4.5	137	
	01:51 PM	0.0	0			02:42 PM	-0.5	-15			02:26 PM	-0.7	-21	
	07:03 PM	3.2	98			07:50 PM	3.1	94			07:50 PM	4.2	128	
9	01:46 AM	-0.4	-12		24	02:37 AM	-0.9	-27		9	02:43 AM	-1.2	-37	
Sa	07:34 AM	4.4	134		Su	08:22 AM	4.1	125		W	08:20 AM	4.6	140	
	02:35 PM	-0.2	-6			03:24 PM	-0.5	-15			03:12 PM	-0.9	-27	
	07:49 PM	3.3	101			08:35 PM	3.2	98		●	08:40 PM	4.4	134	
10	02:32 AM	-0.6	-18		25	03:21 AM	-0.8	-24		10	03:34 AM	-1.3	-40	
Su	08:19 AM	4.5	137		M	09:04 AM	4.0	122		Th	09:09 AM	4.5	137	
●	03:19 PM	-0.4	-12			04:04 PM	-0.5	-15			03:59 PM	-1.0	-30	
	08:36 PM	3.4	104			09:19 PM	3.2	98			09:31 PM	4.5	137	
11	03:17 AM	-0.7	-21		26	04:03 AM	-0.7	-21		11	04:25 AM	-1.2	-37	
M	09:04 AM	4.6	140		Tu	09:46 AM	3.9	119		F	09:58 AM	4.3	131	
	04:03 PM	-0.5	-15			04:43 PM	-0.4	-12			04:47 PM	-1.0	-30	
	09:23 PM	3.5	107			10:02 PM	3.2	98			10:22 PM	4.5	137	
12	04:04 AM	-0.8	-24		27	04:46 AM	-0.5	-15		12	05:19 AM	-1.0	-30	
Tu	09:50 AM	4.5	137		W	10:26 AM	3.7	113		Sa	10:47 AM	4.0	122	
	04:49 PM	-0.6	-18			05:22 PM	-0.2	-6			05:37 PM	-0.8	-24	
	10:11 PM	3.6	110			10:44 PM	3.2	98			11:14 PM	4.4	134	
13	04:54 AM	-0.7	-21		28	05:30 AM	-0.2	-6		13	07:16 AM	-0.7	-21	
W	10:37 AM	4.4	134		Th	11:06 AM	3.5	107		Su	12:38 PM	3.7	113	
	05:37 PM	-0.6	-18			06:02 PM	0.0	0			07:30 PM	-0.6	-18	
	11:00 PM	3.6	110			11:27 PM	3.1	94						
14	05:48 AM	-0.6	-18		29	06:15 AM	0.1	3		14	01:09 AM	4.2	128	
Th	11:25 AM	4.2	128		F	11:46 AM	3.3	101		M	08:16 AM	-0.3	-9	
	06:28 PM	-0.5	-15			06:44 PM	0.1	3			01:33 PM	3.3	101	
	11:53 PM	3.6	110								08:27 PM	-0.3	-9	
15	06:45 AM	-0.4	-12		30	12:11 AM	3.1	94		15	02:08 AM	3.9	119	
F	12:16 PM	3.9	119		Sa	07:03 AM	0.4	12		Tu	09:19 AM	0.0	0	
	07:20 PM	-0.5	-15			12:30 PM	3.0	91		●	02:33 PM	3.0	91	
						07:27 PM	0.3	9			09:28 PM	-0.1	-3	
					31	12:59 AM	3.0	91						
					Su	07:54 AM	0.6	18						
						01:17 PM	2.8	85						
						08:12 PM	0.4	12						
										31	02:24 AM	3.6	110	
										Th	09:31 AM	0.8	24	
										●	02:50 PM	2.9	88	
											09:38 PM	0.7	21	

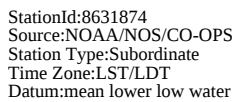
Disclaimer: These data are based upon the latest information available as of the date of your request, and may differ from the published tide tables.

Referenced to Station: OCEAN CITY (FISHING PIER) (8570280) Time offset in mins (high:52 low: 89) Height offset in feet (high: * 1.05 low: *1.25)



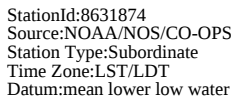
April					May					June							
Time		Height		Time		Height		Time		Height		Time		Height			
	h m	ft cm		h m	ft cm		h m	ft cm		h m	ft cm		h m	ft cm			
1 F	03:24 AM	3.6 110	16 Sa	05:01 AM	3.5 107	1 Su	03:52 AM	3.9 119	16 M	05:14 AM	3.2 98	1 W	05:23 AM	3.8 116	16 Th	12:51 AM	0.8 24
	10:28 AM	0.8 24		12:03 PM	0.4 12		10:55 AM	0.4 12		12:07 PM	0.5 15		12:16 PM	-0.3 -9		06:05 AM	0.1 94
	03:51 PM	3.0 91		05:30 PM	3.1 94		04:26 PM	3.5 107		05:46 PM	3.4 104		05:59 PM	4.4 134		12:48 PM	3.5 15
	10:38 PM	0.5 15					11:14 PM	0.4 12								06:36 PM	3.9 119
2 Sa	04:26 AM	3.7 113	17 Su	12:16 AM	0.4 12	2 M	04:53 AM	3.9 119	17 Tu	12:39 AM	0.6 18	2 Th	01:00 AM	-0.2 -6	17 F	01:39 AM	0.7 21
	11:26 AM	0.6 18		05:57 AM	3.4 104		06:02 AM	3.2 98		06:21 AM	3.8 116		06:50 AM	3.1 94			
	04:53 PM	3.2 98		12:54 PM	0.4 12		12:51 PM	0.5 15		01:10 PM	-0.5 -15		01:32 PM	0.4 12			
	11:39 PM	0.3 9		06:19 PM	3.3 101		06:29 PM	3.6 110		06:54 PM	4.7 143		07:18 PM	4.1 125			
3 Su	05:25 AM	3.9 119	18 M	01:11 AM	0.3 9	3 Tu	12:17 AM	0.0 0	18 W	01:28 AM	0.5 15	3 F	01:59 AM	-0.4 -12	18 Sa	02:23 AM	0.5 15
	12:23 PM	0.3 9		05:51 AM	4.0 122		06:45 AM	3.3 101		07:16 AM	3.8 116		07:34 AM	3.2 98			
	05:50 PM	3.6 110		12:45 PM	-0.2 -6		01:31 PM	0.4 12		02:04 PM	-0.7 -21		02:14 PM	0.3 9			
				06:20 PM	4.3 131		07:09 PM	3.8 116		07:48 PM	5.0 152		08:00 PM	4.2 128			
4 M	12:39 AM	-0.1 -3	19 Tu	01:58 AM	0.2 6	4 W	01:17 AM	-0.3 -9	19 Th	02:12 AM	0.4 12	4 Sa	02:55 AM	-0.6 -18	19 Su	03:05 AM	0.4 12
	06:21 AM	4.2 128		07:23 AM	3.5 107		06:46 AM	4.1 125		07:26 AM	3.3 101		08:10 AM	3.8 116		08:17 AM	3.3 101
	01:17 PM	-0.1 -3		02:14 PM	0.2 6		01:38 PM	-0.5 -15		02:10 PM	0.3 9		02:56 PM	-0.9 -27		02:56 PM	0.2 6
	06:44 PM	4.0 122		07:40 PM	3.7 113		07:14 PM	4.6 140		07:49 PM	4.0 122		08:40 PM	5.1 155		08:43 PM	4.4 134
5 Tu	01:38 AM	-0.5 -15	20 W	02:40 AM	0.1 3	5 Th	02:15 AM	-0.6 -18	20 F	02:52 AM	0.3 9	5 Su	03:48 AM	-0.8 -24	20 M	03:45 AM	0.3 9
	07:13 AM	4.3 131		08:02 AM	3.5 107		07:39 AM	4.2 128		08:07 AM	3.3 101		09:03 AM	3.7 113		09:01 AM	3.3 101
	02:08 PM	-0.4 -12		02:49 PM	0.2 6		02:29 PM	-0.8 -24		02:48 PM	0.2 6		03:47 PM	-0.9 -27		03:38 PM	0.1 3
	07:36 PM	4.3 131		08:19 PM	3.9 119		08:06 PM	4.9 149		08:29 PM	4.2 128		● 09:33 PM	5.1 155		● 09:25 PM	4.5 137
6 W	02:33 AM	-0.8 -24	21 Th	03:18 AM	0.0 0	6 F	03:10 AM	-0.9 -27	21 Sa	03:31 AM	0.2 6	6 M	04:40 AM	-0.7 -21	21 Tu	04:26 AM	0.2 6
	08:05 AM	4.4 134		08:40 AM	3.5 107		08:32 AM	4.1 125		08:48 AM	3.4 104		09:56 AM	3.7 113		09:44 AM	3.4 104
	02:57 PM	-0.8 -24		03:24 PM	0.1 3		03:19 PM	-0.9 -27		03:26 PM	0.2 6		04:38 PM	-0.8 -24		04:20 PM	0.1 3
	08:28 PM	4.7 143		08:57 PM	4.0 122		● 08:59 PM	5.1 155		● 09:09 PM	4.3 131		10:24 PM	4.9 149		10:07 PM	4.5 137
7 Th	03:26 AM	-1.1 -34	22 F	03:56 AM	0.0 0	7 Sa	04										

Page 3 of 5



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

Page 4 of 5



October					November					December																			
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 Sa ●	03:41 AM	4.2	6		16 Su ○	03:17 AM	-0.5	-15		1 Tu	04:18 AM	0.3	9		16 W	03:30 AM	-1.0	-30		1 Th	03:28 AM	0.1	3		16 F	04:03 AM	-1.1	-34	
	09:09 AM	4.2	128			08:52 AM	5.2	158			09:59 AM	4.4	134			09:16 AM	5.3	162			09:15 AM	4.3	131			09:51 AM	4.8	146	
	04:03 PM	0.2	6			03:51 PM	-0.6	-18			04:57 PM	0.4	12			04:21 PM	-0.7	-21			04:14 PM	0.3	9			04:56 PM	-0.7	-21	
	09:29 PM	4.0	122			09:16 PM	4.6	140			10:17 PM	3.5	107			09:39 PM	3.9	119			09:32 PM	3.2	98			10:12 PM	3.5	107	
2 Su	04:16 AM	0.3	9		17 M	04:04 AM	-0.7	-21		2 W	04:54 AM	0.4	12		17 Th	04:22 AM	-0.8	-24		2 F	04:07 AM	0.2	6		17 Sa	04:55 AM	-0.8	-24	
	09:48 AM	4.3	131			09:43 AM	5.3	162			10:39 AM	4.3	131			10:09 AM	5.1	155			09:56 AM	4.2	128			10:41 AM	4.5	137	
	04:42 PM	0.3	9			04:43 PM	-0.6	-18			05:37 PM	0.5	15			05:15 PM	-0.5	-15			04:55 PM	0.4	12			05:48 PM	-0.5	-15	
	10:07 PM	3.9	119			10:06 PM	4.4	134			10:57 PM	3.4	104			10:32 PM	3.7	113			10:14 PM	3.2	98			11:04 PM	3.3	101	
3 M	04:50 AM	0.4	12		18 Tu	04:52 AM	-0.7	-21		3 Th	05:33 AM	0.6	18		18 F	05:15 AM	-0.5	-15		3 Sa	04:48 AM	0.3	9		18 Su	05:50 AM	-0.5	-15	
	10:27 AM	4.3	131			10:34 AM	5.3	162			11:19 AM	4.3	131			11:02 AM	4.8	146			10:37 AM	4.2	128			11:31 AM	4.1	125	
	05:21 PM	0.4	12			05:36 PM	-0.5	-15			06:19 PM	0.7	21			06:12 PM	-0.3	-9			05:39 PM	0.5	15			06:41 PM	-0.3	-9	
	10:46 PM	3.8	116			10:58 PM	4.2	128			11:38 PM	3.3	101			11:26 PM	3.5	107			10:57 PM	3.1	94			11:57 PM	3.2	98	
4 Tu	05:27 AM	0.5	15		19 W	05:42 AM	-0.5	-15		4 F	06:14 AM	0.7	21		19 Sa	06:12 AM	-0.2	-6		4 Su	05:33 AM	0.4	12		19 M	06:46 AM	-0.1	-3	
	11:06 AM	4.2	128			11:27 AM	5.2	158			12:01 PM	4.2	128			11:56 AM	4.4	134			11:19 AM	4.1	125			12:22 PM	3.8	116	
	06:02 PM	0.6	18			06:32 PM	-0.3	-9			07:04 PM	0.9	27			07:10 PM	0.0	0			06:25 PM	0.5	15			07:34 PM	-0.1	-3	
	11:25 PM	3.6	110			11:50 PM	3.9	119									11:42 PM	3.1	94										
5 W	06:05 AM	0.7	21		20 Th	06:36 AM	-0.3	-9		5 Sa	12:21 AM	3.2	98		20 Su	12:24 AM	3.3	101		5 M	06:24 AM	0.5	15		20 Tu	12:53 AM	3.1	94	
	11:47 AM	4.2	128			12:21 PM	4.9	149			06:59 AM	0.9	27			07:13 AM	0.1	3			12:05 PM	3.9	119			07:45 AM	0.2	6	
	06:45 PM	0.9	27			07:31 PM																							

Page 5 of 5