



NOAA Tide Predictions

Smith Island (Coast Guard Station), Virginia, 2017

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.



Smith Island (Coast Guard Station), Virginia, 2017

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 Su	04:28 AM -0.2 -6 10:16 AM 4.2 128 05:15 PM 0.0 0 10:34 PM 3.2 98	16 M	05:27 AM -0.6 -18 11:05 AM 3.9 119 06:09 PM -0.4 -12 11:28 PM 3.2 98	1 W	05:47 AM -0.4 -12 11:21 AM 3.9 119 06:20 PM -0.4 -12 11:48 PM 3.6 110	16 Th	06:35 AM 0.0 0 12:00 PM 3.1 94 06:55 PM 0.1 3	1 W	04:41 AM -0.8 -24 10:15 AM 4.1 125 05:06 PM -0.6 -18 10:38 PM 4.1 125	16 Th	06:18 AM -0.1 -3 11:45 AM 3.4 104 06:30 PM 0.1 3
2 M	05:13 AM -0.1 -3 10:58 AM 4.1 125 06:00 PM 0.0 0 11:20 PM 3.2 98	17 Tu	06:18 AM -0.3 -9 11:51 AM 3.6 110 06:55 PM -0.2 -6	2 Th	06:42 AM -0.2 -6 12:09 PM 3.7 113 07:09 PM -0.3 -9	17 F	12:26 AM 3.2 98 07:25 AM 0.3 9 12:45 PM 2.9 88 07:40 PM 0.3 9	2 Th	05:32 AM -0.6 -18 11:02 AM 3.9 119 05:53 PM -0.5 -15 11:28 PM 4.1 125	17 F	12:05 AM 3.7 113 07:02 AM 0.1 3 12:26 PM 3.2 98 07:11 PM 0.3 9
3 Tu	06:03 AM 0.0 0 11:43 AM 3.9 119 06:47 PM 0.0 0	18 W	12:17 AM 3.1 94 07:11 AM 0.0 0 12:37 PM 3.2 98 07:42 PM 0.0 0	3 F	12:42 AM 3.6 110 07:41 AM -0.1 -3 01:03 PM 3.4 104 08:03 PM -0.3 -9	18 Sa	01:16 AM 3.1 94 08:17 AM 0.6 18 01:35 PM 2.7 82 08:28 PM 0.5 15	3 F	06:28 AM -0.4 -12 11:51 AM 3.6 110 06:45 PM -0.4 -12	18 Sa	12:48 AM 3.5 107 07:49 AM 0.4 12 01:09 PM 3.0 91 07:55 PM 0.5 15
4 W	12:10 AM 3.3 101 06:58 AM 0.1 3 12:31 PM 3.7 113 07:37 PM 0.0 0	19 Th	01:09 AM 3.0 91 08:05 AM 0.3 9 01:27 PM 2.9 88 08:29 PM 0.2 6	4 Sa	01:41 AM 3.7 113 08:44 AM 0.0 0 02:02 PM 3.1 94 09:00 PM -0.3 -9	19 Su	02:12 AM 3.1 94 09:12 AM 0.8 24 02:30 PM 2.6 79 09:19 PM 0.5 15	4 Sa	12:22 AM 4.0 122 07:27 AM -0.2 -6 12:45 PM 3.3 101 07:40 PM -0.3 -9	19 Su	01:35 AM 3.4 104 08:38 AM 0.7 21 01:57 PM 2.8 85 08:44 PM 0.7 21
5 Th	01:05 AM 3.4 104 07:58 AM 0.2 6 12:25 PM 3.5 107 08:30 PM -0.1 -3	20 F	02:04 AM 3.0 91 09:01 AM 0.5 15 02:20 PM 2.7 82 09:16 PM 0.3 9	5 Su	02:46 AM 3.7 113 09:50 AM 0.1 3 03:07 PM 3.0 91 10:00 PM -0.4 -12	20 M	03:11 AM 3.1 94 10:10 AM 0.8 24 03:28 PM 2.6 79 10:12 PM 0.5 15	5 Su	01:21 AM 3.9 119 08:30 AM 0.0 0 01:46 PM 3.1 94 08:40 PM -0.2 -6	20 M	02:27 AM 3.3 101 09:31 AM 0.9 27 02:50 PM 2.7 82 09:36 PM 0.8 24
6 F	02:05 AM 3.5 107 09:01 AM 0.2 6 12:25 PM 3.4 104 09:25 PM -0.3 -9	21 Sa	03:02 AM 3.0 91 09:58 AM 0.7 21 03:15 PM 2.6 79 10:05 PM 0.3 9	6 M	03:52 AM 3.9 119 10:57 AM 0.0 0 04:12 PM 2.9 88 11:01 PM -0.5 -15	21 Tu	04:09 AM 3.3 101 11:07 AM 0.8 24 04:24 PM 2.7 82 11:06 PM 0.4 12	6 M	02:27 AM 3.8 116 09:36 AM 0.1 3 02:52 PM 2.9 88 09:43 PM -0.2 -6	21 Tu	03:25 AM 3.3 101 10:27 AM 1.0 30 03:49 PM 2.7 82 10:32 PM 0.7 21
7 Sa	03:08 AM 3.7 113 10:06 AM 0.1 3 03:28 PM 3.3 101 10:22 PM -0.4 -12	22 Su	03:58 AM 3.2 98 10:56 AM 0.7 21 04:10 PM 2.6 79 10:55 PM 0.3 9	7 Tu	04:55 AM 4.0 122 12:02 PM -0.2 -6 05:14 PM 3.0 91	22 W	05:02 AM 3.5 107 12:00 PM 0.6 18 05:16 PM 2.8 85 11:59 PM 0.2 6	7 Tu	03:36 AM 3.8 116 10:44 AM 0.1 3 04:00 PM 2.9 88 10:48 PM -0.2 -6	22 W	04:25 AM 3.4 104 11:23 AM 0.9 27 04:47 PM 2.8 85 11:29 PM 0.6 18
8 Su	04:11 AM 4.0 122 11:11 AM -0.1 -3 04:29 PM 3.2 98 11:20 PM -0.7 -21	23 M	04:50 AM 3.3 101 11:51 AM 0.6 18 05:01 PM 2.7 82 11:44 PM 0.2 6	8 W	12:02 AM -0.7 -21 05:54 AM 4.2 128 01:01 PM -0.4 -12 06:11 PM 3.1 94	23 Th	05:51 AM 3.7 113 12:49 PM 0.4 12 06:04 PM 3.1 94	8 W	04:42 AM 3.9 119 11:48 AM 0.0 0 05:04 PM 3.0 91 11:51 PM -0.4 -12	23 Th	05:22 AM 3.6 110 11:28 PM 0.7 21 05:42 PM 3.1 94
9 M	05:10 AM 4.2 128 12:15 PM -0.3 -9 05:28 PM 3.2 98	24 Tu	05:38 AM 3.5 107 12:40 PM 0.5 15 05:49 PM 2.8 85	9 Th	01:00 AM -0.9 -27 06:48 AM 4.3 131 01:54 PM -0.6 -18 07:04 PM 3.3 101	24 F	12:49 AM -0.1 -3 06:36 AM 4.0 122 01:33 PM 0.1 3 06:50 PM 3.3 101	9 Th	05:42 AM 3.9 119 12:46 PM -0.2 -6 06:00 PM 3.2 98	24 F	12:25 AM 0.4 12 06:14 AM 3.8 116 01:09 PM 0.5 15 06:32 PM 3.4 104
10 Tu	12:17 AM -0.9 -27 06:07 AM 4.5 137 01:14 PM -0.6 -18 06:24 PM 3.3 101	25 W	12:32 AM 0.0 0 06:23 AM 3.8 116 01:24 PM 0.3 9 06:34 PM 2.9 88	10 F	01:53 AM -1.1 -34 07:39 AM 4.3 131 02:42 PM -0.7 -21 07:54 PM 3.4 104	25 Sa	01:35 AM -0.4 -12 07:20 AM 4.2 128 02:15 PM -0.1 -3 07:35 PM 3.6 110	10 F	12:50 AM -0.6 -18 06:34 AM 4.0 122 01:35 PM -0.3 -9 06:50 PM 3.4 104	25 Sa	01:19 AM 0.1 3 07:02 AM 4.0 122 01:56 PM 0.2 6 07:20 PM 3.7 113
11 W	01:13 AM -1.1 -34 07:01 AM 4.6 140 02:08 PM -0.8 -24 07:19 PM 3.4 104	26 Th	01:17 AM -0.2 -6 07:06 AM 4.0 122 02:06 PM 0.1 3 07:18 PM 3.1 94	11 Sa	02:43 AM -1.1 -34 08:26 AM 4.3 131 03:26 PM -0.8 -24 08:42 PM 3.5 107	26 Su	02:21 AM -0.6 -18 08:04 AM 4.3 131 02:57 PM -0.4 -12 08:20 PM 3.8 116	11 Sa	01:42 AM -0.7 -21 07:21 AM 4.0 122 02:19 PM -0.4 -12 07:36 PM 3.6 110	26 Su	02:10 AM -0.3 -9 07:49 AM 4.2 128 02:41 PM -0.2 -6 08:07 PM 4.0 122
12 Th	02:06 AM -1.2 -37 07:54 AM 4.7 143 02:59 PM -0.9 -27 08:11 PM 3.4 104	27 F	02:00 AM -0.4 -12 07:49 AM 4.1 125 02:46 PM -0.1 -3 08:02 PM 3.2 98	12 Su	03:30 AM -1.1 -34 09:11 AM 4.2 128 04:08 PM -0.7 -21 09:28 PM 3.5 107	27 M	03:06 AM -0.8 -24 08:47 AM 4.3 131 03:38 PM -0.5 -15 09:05 PM 4.0 122	12 Su	03:29 AM -0.8 -24 09:04 AM 4.0 122 03:59 PM -0.5 -15 09:19 PM 3.7 113	27 M	02:59 AM -0.6 -18 08:35 AM 4.3 131 03:25 PM -0.4 -12 08:54 PM 4.3 131
13 F	02:57 AM -1.3 -40 08:44 AM 4.6 140 03:48 PM -0.9 -27 09:02 PM 3.4 104	28 Sa	02:43 AM -0.5 -15 08:30 AM 4.2 128 03:26 PM -0.2 -6 08:45 PM 3.3 101	13 M	04:16 AM -0.9 -27 09:54 AM 4.0 122 04:49 PM -0.6 -18 10:12 PM 3.5 107	28 Tu	03:53 AM -0.8 -24 09:31 AM 4.3 131 04:21 PM -0.6 -18 09:50 PM 4.1 125	13 M	04:12 AM -0.7 -21 09:46 AM 3.9 119 04:37 PM -0.4 -12 10:01 PM 3.8 116	28 Tu	03:47 AM -0.8 -24 09:21 AM 4.4 134 04:09 PM -0.6 -18 09:41 PM 4.5 137
14 Sa	03:47 AM -1.2 -37 09:33 AM 4.4 134 04:35 PM -0.8 -24 09:52 PM 3.4 104	29 Su	03:26 AM -0.6 -18 09:12 AM 4.3 131 04:07 PM -0.3 -9 09:28 PM 3.4 104	14 Tu	05:01 AM -0.6 -18 10:36 AM 3.7 113 05:30 PM -0.4 -12 10:55 PM 3.4 104	29 W	04:54 AM -0.6 -18 10:26 AM 3.8 116 05:14 PM -0.3 -9 10:42 PM 3.8 116	14 Tu	04:54 AM -0.6 -18 10:26 AM 3.8 116 05:14 PM -0.3 -9 10:42 PM 3.8 116	29 W	04:36 AM -0.9 -27 10:07 AM 4.3 131 04:53 PM -0.7 -21 10:29 PM 4.7 143
15 Su	04:36 AM -1.0 -30 10:20 AM 4.2 128 05:22 PM -0.6 -18 10:40 PM 3.3 101	30 M	04:10 AM -0.6 -18 09:54 AM 4.2 128 04:49 PM -0.4 -12 10:12 PM 3.5 107	15 W	05:47 AM -0.3 -9 11:17 AM 3.4 104 06:12 PM -0.1 -3 11:40 PM 3.3 101	30 Th	05:36 AM -0.4 -12 11:05 AM 3.6 110 05:51 PM -0.1 -3 11:23 PM 3.7 113	15 W	05:36 AM -0.4 -12 11:05 AM 3.6 110 05:51 PM -0.1 -3 11:23 PM 3.7 113	30 Th	05:26 AM -0.8 -24 10:55 AM 4.1 125 05:40 PM -0.7 -21 11:18 PM 4.7 143
		31 Tu	04:56 AM -0.5 -15 10:37 AM 4.1 125 05:33 PM -0.4 -12 10:58 PM 3.6 110					31 F	06:19 AM -0.7 -21 11:44 AM 3.9 119 06:30 PM -0.5 -15		



Smith Island (Coast Guard Station), Virginia, 2017

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 Sa	12:10 AM 4.6 140 07:15 AM -0.4 -12 12:35 PM 3.6 110 07:24 PM -0.4 -12	16 Su	12:15 AM 3.8 116 07:18 AM 0.5 15 12:38 PM 3.0 91 07:17 PM 0.7 21	1 M	12:48 AM 4.6 140 08:01 AM -0.2 -6 01:17 PM 3.4 104 08:05 PM -0.1 -3	16 Tu	12:31 AM 3.9 119 07:36 AM 0.7 21 12:55 PM 3.0 91 07:33 PM 0.8 24	1 Th	02:25 AM 3.9 119 09:37 AM 0.1 3 03:04 PM 3.3 101 09:53 PM 0.4 12	16 F	01:34 AM 3.9 119 08:41 AM 0.5 15 02:07 PM 3.3 101 08:54 PM 0.8 24	2 Su	01:04 AM 4.4 134 08:14 AM -0.2 -6 01:31 PM 3.3 101 08:22 PM -0.1 -3	17 M	01:00 AM 3.7 113 08:05 AM 0.8 24 01:24 PM 2.9 88 08:05 PM 0.8 24	2 Tu	01:47 AM 4.2 128 09:02 AM 0.0 0 02:19 PM 3.2 98 09:08 PM 0.1 3	17 W	01:16 AM 3.8 116 08:24 AM 0.8 24 01:44 PM 3.0 91 08:25 PM 0.9 27	2 F	03:26 AM 3.6 110 10:32 AM 0.2 6 04:08 PM 3.3 101 10:57 PM 0.5 15	17 Sa	02:26 AM 3.8 116 09:30 AM 0.4 12 03:03 PM 3.5 107 09:53 PM 0.7 21	3 M	02:04 AM 4.1 125 09:17 AM 0.0 0 02:33 PM 3.1 94 09:24 PM 0.0 0	18 Tu	01:49 AM 3.6 110 08:56 AM 0.9 27 02:15 PM 2.9 88 08:58 PM 0.9 27	3 W	02:50 AM 3.9 119 10:04 AM 0.1 3 03:27 PM 3.1 94 10:14 PM 0.3 9	18 Th	02:06 AM 3.7 113 09:14 AM 0.8 24 03:38 PM 3.1 94 09:22 PM 0.9 27	3 Sa	04:26 AM 3.3 101 11:24 AM 0.2 6 05:07 PM 3.4 104 11:59 PM 0.5 15	18 Su	03:22 AM 3.7 113 10:22 AM 0.3 9 04:02 PM 3.8 116 10:54 PM 0.5 15	4 Tu	03:10 AM 3.9 119 10:22 AM 0.2 6 03:41 PM 3.0 91 10:30 PM 0.1 3	19 W	02:43 AM 3.5 107 09:48 AM 0.9 27 03:12 PM 2.9 88 09:55 PM 0.9 27	4 Th	03:57 AM 3.7 113 11:04 AM 0.2 6 04:35 PM 3.2 98 11:20 PM 0.3 9	19 F	03:01 AM 3.7 113 10:05 AM 0.7 21 03:36 PM 3.3 101 10:21 PM 0.8 24	4 Su	05:22 AM 3.2 98 12:13 PM 0.3 9 05:57 PM 3.6 110	19 M	04:21 AM 3.6 110 11:15 AM 0.1 3 05:00 PM 4.1 125 11:57 PM 0.3 9	5 W	04:20 AM 3.8 116 11:28 AM 0.2 6 04:50 PM 3.1 94 11:36 PM 0.1 3	20 Th	03:41 AM 3.5 107 10:42 AM 0.9 27 04:11 PM 3.1 94 10:53 PM 0.8 24	5 F	05:01 AM 3.6 110 12:01 PM 0.2 6 05:35 PM 3.4 104	20 Sa	03:58 AM 3.7 113 10:57 AM 0.5 15 04:33 PM 3.6 110 11:21 PM 0.6 18	5 M	12:57 AM 0.5 15 06:10 AM 3.2 98 12:58 PM 0.3 9 06:41 PM 3.8 116	20 Tu	05:19 AM 3.6 110 12:09 PM -0.2 -6 05:57 PM 4.5 137	6 Th	05:26 AM 3.7 113 12:29 PM 0.2 6 05:53 PM 3.2 98	21 F	04:39 AM 3.6 110 11:36 AM 0.7 21 05:07 PM 3.3 101 11:52 PM 0.5 15	6 Sa	12:24 AM 0.3 9 05:57 AM 3.5 107 12:52 PM 0.2 6 06:26 PM 3.6 110	6 Su	04:55 AM 3.8 116 11:49 AM 0.2 6 05:29 PM 4.0 122	6 Tu	01:47 AM 0.4 12 06:54 AM 3.1 94 01:39 PM 0.2 6 07:21 PM 4.0 122	21 W	12:58 AM 0.0 0 06:17 AM 3.7 113 01:05 PM -0.4 -12 06:52 PM 4.8 146	7 F	12:40 AM 0.0 0 06:24 AM 3.7 113 01:23 PM 0.0 0 06:46 PM 3.4 104	22 Sa	05:34 AM 3.8 116 12:28 PM 0.4 12 06:00 PM 3.7 113	7 Su	01:21 AM 0.2 6 06:45 AM 3.5 107 01:36 PM 0.1 3 07:09 PM 3.8 116	22 M	12:51 AM 0.3 9 05:21 AM 3.8 116 12:41 PM -0.1 -3 06:22 PM 4.4 134	7 W	02:30 AM 0.3 9 07:36 AM 3.1 94 02:19 PM 0.2 6 08:01 PM 4.1 125	22 Th	01:58 AM -0.3 -9 07:12 AM 3.7 113 01:59 PM -0.7 -21 07:46 PM 5.1 155	8 Sa	01:38 AM -0.2 -6 07:13 AM 3.8 116 02:10 PM -0.1 -3 07:32 PM 3.6 110	23 Su	02:49 AM 0.2 6 06:26 AM 4.0 122 01:18 PM 0.1 3 06:50 PM 4.1 125	8 M	02:10 AM 0.1 3 08:45 AM 3.4 104 02:16 PM 0.1 3 07:49 PM 3.9 119	23 Tu	01:20 AM -0.1 -3 06:44 AM 3.9 119 01:33 PM -0.4 -12 07:14 PM 4.7 143	8 Th	03:09 AM 0.3 9 08:18 AM 3.2 98 02:58 PM 0.2 6 08:41 PM 4.2 128	23 F	02:54 AM -0.6 -18 08:08 AM 3.8 116 02:53 PM -0.9 -27 08:40 PM 5.2 158	9 Su	02:28 AM -0.3 -9 07:57 AM 3.7 113 02:50 PM -0.1 -3 08:14 PM 3.8 116	24 M	01:44 AM -0.2 -6 07:16 AM 4.1 125 02:06 PM -0.2 -6 07:39 PM 4.5 137	9 Tu	02:53 AM 0.0 0 08:08 AM 3.4 104 02:53 PM 0.0 0 08:28 PM 4.1 125	24 W	02:16 AM -0.4 -12 07:37 AM 4.0 122 02:24 PM -0.6 -18 08:06 PM 5.0 152	9 Th	03:47 AM 0.2 6 08:59 AM 3.2 98 03:36 PM 0.2 6 09:22 PM 4.3 131	24 F	03:48 AM -0.7 -21 09:02 AM 3.8 116 03:46 PM -1.0 -30 09:34 PM 5.2 158	10 M	03:12 AM -0.4 -12 08:38 AM 3.7 113 03:27 PM -0.2 -6 08:54 PM 3.9 119	25 Tu	02:37 AM -0.5 -15 08:05 AM 4.2 128 02:53 PM -0.5 -15 08:28 PM 4.8 146	10 W	03:32 AM 0.0 0 08:48 AM 3.4 104 03:29 PM 0.1 3 09:07 PM 4.2 128	25 Th	03:10 AM -0.7 -21 08:29 AM 4.0 122 03:14 PM -0.8 -24 08:58 PM 5.2 158	10 Sa	04:25 AM 0.2 6 09:41 AM 3.2 98 04:15 PM 0.2 6 10:02 PM 4.3 131	25 Su	04:40 AM -0.8 -24 09:57 AM 3.8 116 04:39 PM -0.9 -27 10:26 PM 5.1 155	11 Tu	03:53 AM -0.4 -12 09:18 AM 3.7 113 04:03 PM -0.2 -6 09:34 PM 4.0 122	26 W	03:28 AM -0.8 -24 08:54 AM 4.2 128 03:40 PM -0.7 -21 09:18 PM 5.0 152	11 Th	04:10 AM 0.0 0 09:28 AM 3.4 104 04:06 PM 0.1 3 09:46 PM 4.2 128	26 F	04:04 AM -0.8 -24 09:22 AM 3.9 119 04:05 PM -0.9 -27 09:50 PM 5.3 162	11 O	05:03 AM 0.3 9 10:22 AM 3.2 98 04:54 PM 0.3 9 10:43 PM 4.2 128	26 M	05:33 AM -0.7 -21 10:51 AM 3.7 113 05:33 PM -0.7 -21 11:18 PM 4.8 146	12 W	04:32 AM -0.3 -9 09:57 AM 3.6 110 04:39 PM -0.1 -3 10:13 PM 4.1 125	27 Th	04:19 AM -0.9 -27 09:44 AM 4.2 128 04:28 PM -0.8 -24 10:09 PM 5.1 155	12 F	04:48 AM 0.1 3 10:08 AM 3.3 101 04:43 PM 0.2 6 10:26 PM 4.2 128	27 Sa	04:57 AM -0.8 -24 10:15 AM 3.9 119 04:57 PM -0.9 -27 10:43 PM 5.2 158	12 M	05:43 AM 0.4 12 11:04 AM 3.2 98 05:35 PM 0.4 12 11:23 PM 4.2 128	27 Tu	06:25 AM -0.6 -18 11:44 AM 3.6 110 06:28 PM -0.5 -15	13 Th	05:12 AM -0.1 -3 10:36 AM 3.5 107 05:15 PM 0.1 3 10:53 PM 4.0 122	28 F	05:11 AM -0.9 -27 10:35 AM 4.0 122 05:17 PM -0.7 -21 11:00 PM 5.0 152	13 Sa	05:27 AM 0.2 6 10:48 AM 3.2 98 05:21 PM 0.4 12 11:07 PM 4.1 125	28 Su	05:50 AM -0.7 -21 11:09 AM 3.7 113 05:50 PM -0.7 -21 11:37 PM 4.9 149	13 Tu	06:25 AM 0.5 15 11:45 AM 3.2 98 06:19 PM 0.6 18	28 W	12:10 AM 4.5 137 07:18 AM -0.4 -12 12:38 PM 3.6 110 07:25 PM -0.1 -3	14 F	05:52 AM 0.1 3 11:16 AM 3.3 101 05:53 PM 0.3 9 11:33 PM 3.9 119	29 Sa	06:05 AM -0.7 -21 11:26 AM 3.8 116 06:09 PM -0.6 -18 11:53 PM 4.9 149	14 Su	06:08 AM 0.4 12 11:29 AM 3.2 98 06:02 PM 0.5 15 11:48 PM 4.0 122	29 M	06:46 AM -0.5 -15 12:04 PM 3.6 110 06:47 PM -0.4 -12	14 W	12:05 AM 4.1 125 07:08 AM 0.5 15 12:29 PM 3.2 98 07:06 PM 0.7 21	29 Th	01:01 AM 4.1 125 08:11 AM -0.2 -6 01:33 PM 3.5 107 08:24 PM 0.2 6	15 Sa	06:33 AM 0.3 9 11:56 AM 3.2 98 06:33 PM 0.5 15	30 Su	07:02 AM -0.5 -15 12:20 PM 3.6 110 07:05 PM -0.3 -9	15 M	06:51 AM 0.5 15 12:11 PM 3.1 94 06:45 PM 0.7 21	30 Tu	12:31 AM 4.6 140 07:43 AM -0.3 -9 01:00 PM 3.4 104 07:47 PM -0.1 -3	15 Th	12:48 AM 4.0 122 07:54 AM 0.6 18 01:16 PM 3.2 98 07:58 PM 0.7 21	30 F	01:54 AM 3.8 116 09:03 AM 0.0 0 02:31 PM 3.4 104 09:25 PM 0.4 12



Smith Island (Coast Guard Station), Virginia, 2017

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	h	m	ft	cm				
1	02:48 AM	3.4	104	16	01:56 AM	3.8	116	1	03:57 AM	2.9	88	16	03:32 AM	3.4	104	1	05:11 AM	3.0	91	16	12:14 AM	0.5	15
Sa	09:53 AM	0.2	6	Su	08:59 AM	0.3	9	Tu	10:47 AM	0.7	21	W	10:24 AM	0.2	6	F	11:51 AM	1.0	30	Sa	05:32 AM	3.5	107
●	03:30 PM	3.4	104	●	02:34 PM	3.8	116	●	04:40 PM	3.6	110	●	04:16 PM	4.3	131	●	05:47 PM	3.9	119	●	12:17 PM	0.2	6
●	10:26 PM	0.6	18	●	09:31 PM	0.6	18	●	11:44 PM	1.1	34	●	11:22 PM	0.5	15	●	06:07 PM	4.5	137	●	06:07 PM	4.5	137
2	03:45 AM	3.2	98	17	02:52 AM	3.6	110	2	04:53 AM	2.9	88	17	04:37 AM	3.4	104	2	12:48 AM	1.1	34	17	01:13 AM	0.3	9
Su	10:42 AM	0.3	9	M	09:51 AM	0.2	6	W	11:37 AM	0.7	21	Th	11:26 AM	0.1	3	Sa	06:03 AM	3.2	98	Su	06:30 AM	3.7	113
●	04:28 PM	3.5	107	●	03:34 PM	4.0	122	●	05:33 PM	3.7	113	●	05:20 PM	4.5	137	●	12:43 PM	0.8	24	●	01:18 PM	0.0	0
●	11:26 PM	0.7	21	●	10:33 PM	0.5	15	●	06:21 PM	3.9	119	●	06:34 PM	4.1	125	●	06:34 PM	4.1	125	●	07:02 PM	4.6	140
3	04:40 AM	3.0	91	18	03:53 AM	3.5	107	3	12:39 AM	1.0	30	18	12:27 AM	0.4	12	3	01:34 AM	1.0	30	18	02:05 AM	0.1	3
M	11:30 AM	0.4	12	Tu	10:46 AM	0.0	0	Th	05:46 AM	2.9	88	F	05:41 AM	3.4	104	Su	06:50 AM	3.4	104	M	07:23 AM	3.9	119
●	05:21 PM	3.6	110	●	04:36 PM	4.3	131	●	12:27 PM	0.7	21	●	12:28 PM	-0.1	-3	●	01:32 PM	0.6	18	●	02:13 PM	-0.2	-6
●	06:09 PM	3.7	113	●	11:37 PM	0.4	12	●	06:21 PM	3.9	119	●	06:20 PM	4.7	143	●	07:18 PM	4.3	131	●	07:51 PM	4.6	140
4	12:24 AM	0.8	24	19	04:55 AM	3.5	107	4	01:28 AM	0.9	27	19	01:28 AM	0.1	3	4	02:17 AM	0.7	21	19	02:51 AM	-0.1	-3
Tu	05:32 AM	2.9	88	W	11:44 AM	-0.1	-3	F	06:34 AM	3.1	94	Sa	06:40 AM	3.6	110	M	07:34 AM	3.7	113	Tu	08:12 AM	4.1	125
●	12:17 PM	0.4	12	●	05:36 PM	4.5	137	●	01:15 PM	0.6	18	●	01:28 PM	-0.3	-9	●	02:18 PM	0.4	12	●	02:13 PM	-0.3	-9
●	06:09 PM	3.7	113	●	07:06 PM	4.1	125	●	07:06 PM	4.1	125	●	07:16 PM	4.8	146	●	08:01 PM	4.5	137	●	08:37 PM	4.5	137
5	01:16 AM	0.7	21	20	12:41 AM	0.2	6	5	02:12 AM	0.8	24	20	02:23 AM	-0.1	-3	5	02:57 AM	0.5	15	20	03:34 AM	-0.2	-6
W	06:20 AM	3.0	91	Th	05:55 AM	3.5	107	Sa	07:20 AM	3.2	98	Su	07:36 AM	3.8	116	Tu	08:18 AM	3.9	119	W	08:57 AM	4.3	131
●	01:02 PM	0.4	12	●	12:43 PM	-0.4	-12	●	02:01 PM	0.4	12	●	02:24 PM	-0.5	-15	●	03:02 PM	0.2	6	●	03:51 PM	-0.3	-9
●	06:52 PM	3.9	119	●	06:34 PM	4.8	146	●	07:49 PM	4.2	128	●	08:09 PM	4.9	149	●	08:43 PM	4.6	140	●	09:21 PM	4.4	134
6	02:02 AM	0.6	18	21	01:42 AM	-0.1	-3	6	02:52 AM	0.6	18	21	03:13 AM	-0.3	-9	6	03:36 AM	0.3	9	21	04:14 AM	-0.2	-6
Th	07:05 AM	3.0	91	F	06:54 AM	3.6	110	Su	08:03 AM	3.4	104	M	08:28 AM	3.9	119	W	09:01 AM	4.2	128	Th	09:41 AM	4.3	131
●	01:46 PM	0.3	9	●	01:41 PM	-0.6	-18	●	02:44 PM	0.3	9	●	03:17 PM	-0.6	-18	●	03:46 PM	0.0	0	●	04:35 PM	-0.2	-6
●	07:34 PM	4.1	125	●	07:30 PM	5.0	152	●	08:31 PM	4.4	134	●	08:59 PM	4.8	146	●	09:24 PM	4.6	140	●	10:04 PM	4.2	128
7	02:43 AM	0.5	15	22	02:39 AM	-0.4	-12	7	03:30 AM	0.4	12	22	04:00 AM	-0.4	-12	7	04:16 AM	0.1	3	22	04:53 AM	0.0	0
F	07:48 AM	3.1	94	Sa	07:50 AM	3.7	113	M	08:46 AM	3.5	107	Tu	09:18 AM	4.0	122	Th	09:44 AM	4.3	131	F	10:24 AM	4.4	134
●	02:29 PM	0.3	9	●	02:37 PM	-0.8	-24	●	03:26 PM	0.2	6	●	04:07 PM	-0.6	-18	●	04:31 PM	0.0	0	●	05:19 PM	0.0	0
●	08:16 PM	4.2	128	●	08:24 PM	5.1	155	●	09:12 PM	4.5	137	●	09:46 PM	4.7	143	●	10:06 PM	4.6	140	●	10:45 PM	4.0	122
8	03:22 AM	0.4	12	23	03:32 AM	-0.5	-15	8	04:09 AM	0.3	9	23	04:44 AM	-0.4	-12	8	04:56 AM	0.0	0	23	05:32 AM	0.2	6
Sa	08:31 AM	3.2	98	Su	08:45 AM	3.8	116	Tu	09:29 AM	3.7	113	W	10:07 AM	4.1	125	F	10:28 AM	4.5	137	Sa	11:07 AM	4.3	131
●	03:10 PM	0.2	6	●	03:31 PM	-0.9	-27	●	04:08 PM	0.1	3	●	04:55 PM	-0.5	-15	●	05:17 PM	0.0	0	●	06:04 PM	0.3	9
●	08:57 PM	4.3	131	●	09:17 PM	5.0	152	●	09:53 PM	4.5	137	●	10:32 PM	4.5	137	●	10:50 PM	4.5	137	●	11:27 PM	3.8	116
9	04:00 AM	0.4	12	24	04:22 AM	-0.6	-18	9	04:47 AM	0.2	6	24	05:27 AM	-0.3	-9	9	05:38 AM	0.0	0	24	06:12 AM	0.4	12
Su	09:14 AM	3.3	101	M	09:38 AM	3.8	116	W	10:11 AM	3.8	116	Th	10:53 AM	4.1	125	Sa	11:13 AM	4.6	140	Su	11:49 AM	4.2	128
●	03:50 PM	0.2	6	●	04:23 PM	-0.8	-24	●	04:51 PM	0.1	3	●	05:43 PM	-0.2	-6	●	06:06 PM	0.1	3	●	06:50 PM	0.6	18
●	09:38 PM	4.4	134	●	10:08 PM	4.9	149	●	10:33 PM	4.5	137	●	11:16 PM	4.2	128	●	11:34 PM	4.3	131	●	12:34 PM	4.0	122
10	04:38 AM	0.3	9	25	05:11 AM	-0.6	-18	10	05:27 AM	0.2	6	25	06:10 AM	-0.1	-3	10	06:24 AM	0.1	3	25	12:09 AM	3.5	107
M	09:56 AM	3.3	101	Tu	10:30 AM	3.9	119	Th	10:54 AM	3.9	119	F	11:39 AM	4.1	125	Su	12:01 PM	4.6	140	M	06:54 AM	0.7	21
●	04:31 PM	0.2	6	●	05:15 PM	-0.7	-21	●	05:36 PM	0.2	6	●	06:32 PM	0.1	3	●	07:00 PM	0.3	9	●	12:34 PM	4.0	122
●	10:19 PM	4.4	134	●	10:57 PM	4.7	143	●	11:14 PM	4.4	134	●	11:59 PM	3.9	119	●	11:59 PM	3.9	119	●	07:38 PM	0.9	27
11	05:17 AM	0.3	9	26	05:59 AM	-0.5	-15	11	06:08 AM	0.2	6	26	06:53 AM	0.2	6	11	12:22 AM	4.0	122	26	12:54 AM	3.3	101
Tu	10:38 AM	3.4	104	W	11:20 AM	3.8	116	F	11:37 AM	4.0	122	Sa	12:24 PM	3.9	119	M	07:13 AM	0.2	6	Tu	07:39 AM	0.9	27
●	05:12 PM	0.3	9	●	06:07 PM	-0.4	-12	●	06:24 PM	0.3	9	●	07:22 PM	0.5	15	●	12:53 PM	4.6	140	●	01:21 PM	3.9	119
●	10:59 PM	4.3	131	●	11:45 PM	4.4	134	●	11:57 PM	4.2	128	●	08:14 PM	0.8	24	●	07:57 PM	0.5	15	●	08:29 PM	1.1	34
12	05:57 AM	0.3	9	27	06:46 AM	-0.3	-9	12	06:52 AM	0.2	6	27	12:43 AM	3.6	110	12	01:14 AM	3.7	113	27	01:42 AM	3.1	94
W	11:20 AM	3.4	104	Th	12:10 PM	3.8	116	Sa	12:24 PM	4.1	125	Su	07:37 AM	0.5	15	Tu	08:07 AM	0.3	9	W	08:29 AM	1.1	34
●	05:56 PM	0.4	12	●	07:00 PM	-0.1	-3	●	07:16 PM	0.4	12	●	01:11 PM	3.8	116	●	01:50 PM	4.5	137	●	02:14 PM	3.8	116
●	11:39 PM	4.2	128	●	07:55 PM	0.3	9	●	08:12 PM	0.5	15	●	08:14 PM	0.8	24	●	08:59 PM	4.6	140	●	09:23 PM	1.3	40
13	06:39 AM	0.3	9	28	12:31 AM	4.0	122	13	12:42 AM	4.0	122	28	01:30 AM	3.3	101	13	02:12 AM	3.5	107	28	02:36 AM	3.0	91
Th	12:03 PM	3.5	107	F	07:34 AM	0.0	0	Su	07:40 AM	0.2	6	M	08:24 AM	0.7	21	W	09:06 AM	0.4	12	Th	09:22 AM	1.2	37
●	06:43 PM	0.5	15	●	01:00 PM	3.7	113	●	01:14 PM	4.1	125	●	02:02 PM	3.7	113	●	02:53 PM	4.4	134	●	03:11 PM	3.7	113
●	06:43 PM	0.5	15	●	07:55 PM	0.3	9	●	08:12 PM	0.5	15	●	09:08 PM	1.0	30	●	10:04 PM	0.7	21	●	10:18 PM	1.4	43
14	12:21 AM	4.1	125	29	01:19 AM	3.7	113	14	01:33 AM	3.8													



Smith Island (Coast Guard Station), Virginia, 2017

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 Su	12:05 AM 1.2 37 05:29 AM 3.4 104 12:08 PM 1.0 30 05:57 PM 4.1 125	16 M	12:53 AM 0.3 9 06:20 AM 3.8 116 01:08 PM 0.2 6 06:44 PM 4.2 128	1 W	12:57 AM 0.4 12 06:32 AM 4.1 125 01:22 PM 0.4 12 06:52 PM 4.2 128	16 Th	12:56 AM 0.0 0 06:33 AM 4.1 125 01:34 PM 0.1 3 06:47 PM 3.5 107	1 F	12:08 AM -0.3 -9 05:51 AM 4.5 137 12:50 PM -0.2 -6 06:10 PM 3.9 119	16 Sa	01:06 AM -0.1 -3 06:49 AM 3.9 119 01:57 PM 0.1 3 07:01 PM 3.0 91
2 M	12:53 AM 1.0 30 06:18 AM 3.6 110 01:01 PM 0.7 21 06:43 PM 4.3 131	17 Tu	01:42 AM 0.1 3 07:09 AM 4.0 122 02:02 PM 0.1 3 07:30 PM 4.1 125	2 Th	01:43 AM 0.1 3 07:19 AM 4.5 137 02:13 PM 0.0 0 07:39 PM 4.3 131	17 F	01:35 AM -0.1 -3 07:12 AM 4.2 128 02:16 PM 0.1 3 07:28 PM 3.5 107	2 Sa	12:58 AM -0.6 -18 06:42 AM 4.9 149 01:44 PM -0.5 -15 07:01 PM 3.9 119	17 Su	01:45 AM -0.1 -3 07:29 AM 4.0 122 02:35 PM 0.1 3 07:42 PM 3.1 94
3 Tu	01:37 AM 0.7 21 07:04 AM 4.0 122 01:50 PM 0.4 12 07:27 PM 4.4 134	18 W	02:26 AM 0.0 0 07:53 AM 4.2 128 02:50 PM 0.0 0 08:13 PM 4.1 125	3 F	02:29 AM -0.2 -6 08:06 AM 4.8 146 03:03 PM -0.3 -9 08:27 PM 4.3 131	18 Sa	02:13 AM -0.1 -3 07:52 AM 4.3 131 02:55 PM 0.1 3 08:08 PM 3.4 104	3 Su	01:48 AM -0.8 -24 07:32 AM 5.1 155 02:37 PM -0.7 -21 07:53 PM 3.9 119	18 M	02:23 AM -0.2 -6 08:09 AM 4.1 125 03:12 PM 0.1 3 08:23 PM 3.1 94
4 W	02:20 AM 0.4 12 07:48 AM 4.3 131 02:38 PM 0.1 3 08:11 PM 4.5 137	19 Th	03:05 AM -0.1 -3 08:35 AM 4.3 131 03:34 PM -0.1 -3 08:55 PM 4.0 122	4 Sa	03:14 AM -0.4 -12 08:53 AM 5.1 155 03:43 PM -0.4 -12 09:15 PM 4.3 131	19 Su	02:50 AM 0.0 0 08:31 AM 4.3 131 03:34 PM 0.1 3 08:48 PM 3.3 101	4 M	02:38 AM -1.0 -30 08:24 AM 5.2 158 03:29 PM -0.8 -24 08:45 PM 3.8 116	19 Tu	03:02 AM -0.1 -3 08:49 AM 4.1 125 03:50 PM 0.1 3 09:04 PM 3.1 94
5 Th	03:02 AM 0.1 3 08:32 AM 4.6 140 04:11 PM -0.1 -3 08:55 PM 4.6 140	20 F	03:43 AM 0.0 0 09:16 AM 4.4 134 04:15 PM 0.0 0 09:35 PM 3.8 116	5 Su	03:00 AM -0.6 -18 08:42 AM 5.2 158 04:44 PM -0.5 -15 09:05 PM 4.1 125	20 M	03:27 AM 0.1 3 09:11 AM 4.3 131 04:13 PM 0.3 9 09:29 PM 3.3 101	5 Tu	03:29 AM -1.0 -30 09:16 AM 5.2 158 04:21 PM -0.8 -24 09:38 PM 3.7 113	20 W	03:40 AM -0.1 -3 09:29 AM 4.1 125 04:28 PM 0.2 6 09:45 PM 3.0 91
6 F	03:44 AM -0.1 -3 09:18 AM 4.8 146 04:11 PM -0.2 -6 09:40 PM 4.5 137	21 Sa	04:20 AM 0.1 3 09:56 AM 4.4 134 04:56 PM 0.1 3 10:16 PM 3.7 113	6 M	03:48 AM -0.6 -18 09:33 AM 5.2 158 04:36 PM -0.4 -12 09:55 PM 4.0 122	21 Tu	04:05 AM 0.2 6 09:52 AM 4.2 128 04:53 PM 0.4 12 10:10 PM 3.2 98	6 W	04:21 AM -0.9 -27 10:09 AM 5.0 152 05:16 PM -0.6 -18 10:32 PM 3.6 110	21 Th	04:20 AM 0.1 3 10:09 AM 4.0 122 05:08 PM 0.3 9 10:27 PM 3.0 91
7 Sa	04:26 AM -0.2 -6 10:04 AM 5.0 152 05:00 PM -0.2 -6 10:26 PM 4.4 134	22 Su	04:57 AM 0.2 6 11:18 AM 4.4 134 05:37 PM 0.3 9 10:56 PM 3.5 107	7 Tu	04:38 AM -0.5 -15 10:25 AM 5.1 155 05:31 PM -0.3 -9 10:48 PM 3.8 116	22 W	04:45 AM 0.4 12 10:34 AM 4.1 125 05:36 PM 0.6 18 10:53 PM 3.1 94	7 Th	05:16 AM -0.7 -21 11:03 AM 4.7 143 06:12 PM -0.5 -15 11:28 PM 3.4 104	22 F	05:01 AM 0.2 6 10:49 AM 3.9 119 05:50 PM 0.4 12 11:09 PM 3.0 91
8 Su	05:11 AM -0.2 -6 10:52 AM 5.0 152 05:51 PM -0.1 -3 11:14 PM 4.2 128	23 M	05:35 AM 0.4 12 11:18 AM 4.3 131 06:20 PM 0.6 18 11:38 PM 3.4 104	8 W	05:32 AM -0.3 -9 11:19 AM 4.9 149 06:30 PM -0.1 -3 11:44 PM 3.5 107	23 Th	05:28 AM 0.6 18 11:16 AM 4.0 122 06:21 PM 0.8 24 11:37 PM 3.0 91	8 F	06:15 AM -0.4 -12 11:58 AM 4.4 134 07:10 PM -0.3 -9	23 Sa	05:45 AM 0.4 12 11:30 AM 3.8 116 06:33 PM 0.4 12 11:54 PM 3.0 91
9 M	05:59 AM -0.1 -3 11:42 AM 5.0 152 06:45 PM 0.1 3	24 Tu	06:16 AM 0.7 21 12:01 PM 4.1 125 07:05 PM 0.8 24	9 Th	06:31 AM 0.0 0 12:16 PM 4.6 140 07:31 PM 0.1 3	24 F	06:14 AM 0.8 24 12:01 PM 3.8 116 07:08 PM 0.9 27	9 Sa	12:27 AM 3.3 101 07:16 AM -0.2 -6 12:55 PM 4.0 122 08:08 PM -0.2 -6	24 Su	06:34 AM 0.5 15 12:14 PM 3.6 110 07:19 PM 0.4 12
10 Tu	12:04 AM 3.9 119 06:51 AM 0.0 0 12:35 PM 4.8 146 07:44 PM 0.3 9	25 W	12:21 AM 3.2 98 07:00 AM 0.9 27 12:46 PM 4.0 122 07:53 PM 1.1 34	10 F	12:45 AM 3.4 104 07:34 AM 0.2 6 01:18 PM 4.3 131 08:33 PM 0.2 6	25 Sa	12:25 AM 2.9 88 07:05 AM 0.9 27 12:49 PM 3.7 113 07:57 PM 0.9 27	10 Su	01:30 AM 3.2 98 08:21 AM 0.1 3 01:55 PM 3.6 110 09:05 PM -0.1 -3	25 M	12:42 AM 3.0 91 07:27 AM 0.6 18 01:02 PM 3.5 107 08:07 PM 0.3 9
11 W	12:59 AM 3.7 113 07:48 AM 0.2 6 01:33 PM 4.6 140 08:46 PM 0.5 15	26 Th	01:08 AM 3.1 94 07:09 AM 1.1 34 01:35 PM 3.8 116 08:44 PM 1.2 37	11 Sa	01:52 AM 3.3 101 08:40 AM 0.3 9 02:23 PM 4.0 122 09:35 PM 0.3 9	26 Su	01:18 AM 3.0 91 08:00 AM 1.0 30 01:41 PM 3.6 110 08:47 PM 0.8 24	11 M	02:37 AM 3.2 98 09:26 AM 0.3 9 02:58 PM 3.4 104 10:00 PM 0.0 0	26 Tu	01:36 AM 3.2 98 08:25 AM 0.6 18 01:55 PM 3.4 104 08:56 PM 0.2 6
12 Th	01:59 AM 3.4 104 08:50 AM 0.4 12 02:36 PM 4.4 134 09:51 PM 0.5 15	27 F	02:00 AM 3.0 91 08:42 AM 1.2 37 02:28 PM 3.7 113 09:37 PM 1.3 40	12 Su	03:03 AM 3.3 101 09:47 AM 0.4 12 03:29 PM 3.8 116 10:33 PM 0.2 6	27 M	02:15 AM 3.1 94 08:58 AM 0.9 27 02:36 PM 3.6 110 09:37 PM 0.6 18	12 Tu	03:42 AM 3.3 101 10:32 AM 0.3 9 03:57 PM 3.2 98 10:52 PM 0.0 0	27 W	02:34 AM 3.4 104 09:25 AM 0.5 15 02:52 PM 3.3 101 09:49 PM 0.0 0
13 F	03:06 AM 3.3 101 09:55 AM 0.5 15 03:44 PM 4.3 131 10:56 PM 0.5 15	28 Sa	02:57 AM 3.0 91 09:38 AM 1.2 37 03:25 PM 3.7 113 10:29 PM 1.2 37	13 M	04:08 AM 3.5 107 10:53 AM 0.4 12 04:29 PM 3.7 113 11:26 PM 0.1 3	28 Tu	03:13 AM 3.4 104 09:57 AM 0.8 24 03:32 PM 3.6 110 10:27 PM 0.4 12	13 W	04:39 AM 3.5 107 11:34 AM 0.3 9 04:50 PM 3.1 94 11:41 PM 0.0 0	28 Th	03:33 AM 3.7 113 10:27 AM 0.3 9 03:51 PM 3.3 101 10:43 PM -0.2 -6
14 Sa	04:17 AM 3.4 104 11:02 AM 0.4 12 04:51 PM 4.2 128 11:57 PM 0.4 12	29 Su	03:56 AM 3.1 94 10:35 AM 1.2 37 04:22 PM 3.8 116 11:20 PM 1.0 30	14 Tu	05:04 AM 3.7 113 11:54 AM 0.3 9 05:20 PM 3.6 110	29 W	04:08 AM 3.7 113 10:56 AM 0.5 15 04:26 PM 3.7 113 11:18 PM 0.1 3	14 Th	05:27 AM 3.6 110 12:29 PM 0.3 9 05:37 PM 3.0 91	29 F	04:31 AM 4.0 122 11:29 AM 0.0 0 04:49 PM 3.4 104 11:38 PM -0.5 -15
15 Su	05:23 AM 3.5 107 12:07 PM 0.3 9 05:52 PM 4.2 128	30 M	04:52 AM 3.4 104 11:32 AM 1.0 30 05:15 PM 3.9 119	15 W	12:14 AM 0.1 3 05:51 AM 3.9 119 12:48 PM 0.2 6 06:05 PM 3.6 110	30 Th	05:00 AM 4.1 125 11:54 AM 0.2 6 05:19 PM 3.8 116	15 F	12:25 AM 0.0 0 06:09 AM 3.8 116 01:16 PM 0.2 6 06:20 PM 3.0 91	30 Sa	05:27 AM 4.4 134 12:29 PM -0.3 -9 05:44 PM 3.5 107
		31 Tu	12:09 AM 0.8 24 05:44 AM 3.7 113 12:28 PM 0.7 21 06:05 PM 4.1 125							31 Su	12:33 AM -0.9 -27 06:21 AM 4.7 143 01:26 PM -0.6 -18 06:39 PM 3.5 107