



NOAA Tide Predictions

Upshur Neck, south end, 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.



Upshur Neck, south end, Virginia, 2016

Times and Heights of High and Low Waters

January					February					March													
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 F 07:28 AM 01:28 PM 08:01 PM	3.7 113 0.5 15 3.9 119 0.4 12	16 Sa 07:31 AM 01:28 PM 07:59 PM	4.5 137 -0.2 -6 4.4 134 -0.5 -15	1 M 02:09 AM 08:33 AM 02:26 PM 08:46 PM	3.8 116 0.7 21 3.4 104 0.4 12	16 Tu 02:53 AM 09:26 AM 03:14 PM 09:34 PM	4.6 140 0.1 3 3.5 107 -0.3 -9	1 Tu 01:25 AM 07:54 AM 01:44 PM 08:03 PM	4.1 125 0.8 24 3.5 107 0.6 18	16 W 03:31 AM 10:10 AM 03:57 PM 10:16 PM	4.6 140 0.2 6 3.5 107 0.0 0	2 Sa 02:03 AM 08:22 AM 02:20 PM 08:47 PM	3.6 110 0.7 21 3.6 110 0.4 12	17 Su 02:08 AM 08:35 AM 02:28 PM 08:56 PM	4.5 137 -0.1 -3 4.0 122 -0.5 -15	2 Tu 03:06 AM 09:29 AM 03:22 PM 09:37 PM	3.9 119 0.8 24 3.3 101 0.4 12	17 W 04:02 AM 10:35 AM 04:21 PM 10:37 PM	4.5 137 0.1 3 3.4 104 -0.3 -9	2 W 02:20 AM 08:49 AM 02:41 PM 08:57 PM	4.1 125 0.8 24 3.4 104 0.5 15	17 Th 04:41 AM 11:17 AM 05:07 PM 11:20 PM	4.5 137 0.3 9 3.5 107 0.1 3
3 Su 02:59 AM 09:18 AM 03:14 PM 09:34 PM	3.7 113 0.8 24 3.5 107 0.4 12	18 M 03:13 AM 09:41 AM 03:32 PM 09:54 PM	4.6 140 0.0 0 3.8 116 -0.5 -15	3 W 04:04 AM 10:27 AM 04:19 PM 10:31 PM	4.1 125 0.7 21 3.4 104 0.2 6	18 Th 05:06 AM 11:40 AM 05:22 PM 11:37 PM	4.6 140 0.0 0 3.5 107 -0.4 -12	3 Th 03:21 AM 09:47 AM 03:41 PM 09:54 PM	4.2 128 0.8 24 3.5 107 0.4 12	18 F 05:48 AM 12:20 PM 06:09 PM	4.4 134 0.3 9 3.6 110	4 M 03:55 AM 10:14 AM 04:08 PM 10:22 PM	3.9 119 0.8 24 3.5 107 0.3 9	19 Tu 04:19 AM 10:48 AM 04:35 PM 10:53 PM	4.7 143 0.0 0 3.7 113 -0.6 -18	4 Th 04:58 AM 11:24 AM 04:19 PM 11:24 PM	4.4 134 0.5 15 3.6 110 0.0 0	19 F 06:03 AM 12:37 PM 06:16 PM	4.7 143 -0.1 -3 3.6 110	4 F 04:20 AM 10:46 AM 04:40 PM 10:52 PM	4.5 137 0.6 18 3.7 113 0.1 3	19 Sa 12:22 AM 06:45 AM 01:14 PM 07:00 PM	0.0 0 4.5 137 0.2 6 3.8 116
5 Tu 04:47 AM 11:09 AM 04:59 PM 11:11 PM	4.2 128 0.7 21 3.5 107 0.2 6	20 W 05:20 AM 11:53 AM 05:35 PM 11:51 PM	4.9 149 -0.2 -6 3.7 113 -0.7 -21	5 F 05:49 AM 12:17 PM 06:04 PM	4.8 146 0.3 9 3.8 116	20 Sa 12:33 AM 06:52 AM 01:25 PM 07:04 PM	-0.5 -15 4.8 146 -0.2 -6 3.8 116	5 Sa 05:16 AM 11:42 AM 05:34 PM 11:50 PM	4.8 146 0.3 9 4.1 125 -0.2 -6	20 Su 01:18 AM 07:31 AM 01:59 PM 07:44 PM	-0.1 -3 4.5 137 0.1 3 4.1 125	6 W 05:35 AM 12:01 PM 05:47 PM 11:59 PM	4.5 137 0.5 15 3.7 113 0.0 0	21 Th 06:15 AM 12:51 PM 06:29 PM	5.0 152 -0.3 -9 3.7 113	6 Sa 12:17 AM 06:38 AM 01:07 PM 06:53 PM	-0.3 -9 5.1 155 0.0 0 4.1 125	21 Su 01:22 AM 07:37 AM 02:06 PM 07:48 PM	-0.6 -18 4.8 146 -0.3 -9 4.0 122	6 Su 06:08 AM 12:35 PM 06:26 PM	5.2 158 0.0 0 4.5 137	21 M 02:05 AM 08:12 AM 02:36 PM 08:25 PM	-0.2 -6 4.6 140 0.0 0 4.3 131
7 Th 06:21 AM 12:50 PM 06:34 PM	4.9 149 0.3 9 3.8 116	22 F 12:45 AM 07:06 AM 01:42 PM 07:20 PM	-0.8 -24 5.1 155 -0.4 -12 3.8 116	7 Su 01:07 AM 07:26 AM 01:53 PM 07:41 PM	-0.6 -18 5.4 165 -0.4 -12 4.4 134	22 M 02:06 AM 08:18 AM 02:43 PM 08:29 PM	-0.7 -21 4.8 146 -0.3 -9 4.1 125	7 M 12:44 AM 06:59 AM 01:24 PM 07:17 PM	-0.6 -18 5.5 168 -0.4 -12 4.9 149	22 Tu 02:47 AM 08:51 AM 03:11 PM 09:04 PM	-0.3 -9 4.6 140 -0.1 -3 4.5 137	8 F 12:46 AM 07:06 AM 01:36 PM 07:20 PM	-0.2 -6 5.2 158 0.0 0 4.0 122	23 Sa 01:35 AM 07:54 AM 02:27 PM 08:07 PM	-0.9 -27 5.2 158 -0.5 -15 3.9 119	8 M 01:56 AM 08:13 AM 02:39 PM 08:30 PM	-0.9 -27 5.6 171 -0.6 -18 4.6 140	23 Tu 02:47 AM 08:18 AM 03:18 PM 09:10 PM	-0.6 -18 4.8 146 -0.3 -9 4.3 131	8 Tu 01:37 AM 07:48 AM 02:11 PM 08:07 PM	-0.9 -27 5.7 174 -0.7 -21 5.2 158	23 W 03:26 AM 09:29 AM 03:44 PM 09:42 PM	-0.3 -9 4.6 140 -0.1 -3 4.7 143
9 Sa 01:31 AM 07:51 AM 02:20 PM 08:06 PM	-0.4 -12 5.4 165 -0.2 -6 4.1 125	24 Su 02:22 AM 08:39 AM 03:09 PM 08:52 PM	-0.9 -27 5.1 155 -0.5 -15 3.9 119	9 Tu 02:45 AM 09:00 AM 03:24 PM 09:19 PM	-1.1 -34 5.7 174 -0.8 -24 4.8 146	24 W 03:26 AM 09:35 AM 03:54 PM 09:50 PM	-0.6 -18 4.7 143 -0.2 -6 4.3 131	9 W 02:28 AM 08:37 AM 02:57 PM 08:57 PM	-1.2 -37 5.7 174 -0.9 -27 5.5 168	24 Th 04:04 AM 10:06 AM 04:18 PM 10:21 PM	-0.3 -9 4.6 140 0.0 0 4.8 146	10 Su 02:17 AM 08:36 AM 03:04 PM 08:53 PM	-0.6 -18 5.6 171 -0.4 -12 4.3 131	25 M 03:06 AM 09:21 AM 03:49 PM 09:36 PM	-0.8 -24 5.1 155 -0.5 -15 4.0 122	10 W 03:34 AM 09:47 AM 04:10 PM 10:08 PM	-1.1 -34 5.7 174 -0.9 -27 5.0 152	25 Th 04:06 AM 10:13 AM 04:29 PM 10:29 PM	-0.4 -12 4.5 137 -0.1 -3 4.3 131	10 Th 03:19 AM 09:26 AM 03:44 PM 09:48 PM	-1.3 -40 5.6 171 -1.0 -30 5.7 174	25 F 04:42 AM 10:44 AM 04:53 PM 11:00 PM	-0.2 -6 4.5 137 0.1 3 4.8 146
11 M 03:02 AM 09:21 AM 03:48 PM 09:40 PM	-0.7 -21 5.7 174 -0.5 -15 4.4 134	26 Tu 03:48 AM 10:03 AM 04:28 PM 10:19 PM	-0.7 -21 4.9 149 -0.4 -12 4.0 122	11 Th 04:25 AM 10:35 AM 04:57 PM 10:58 PM	-1.1 -34 5.5 168 -0.9 -27 5.0 152	26 F 04:46 AM 10:51 AM 05:06 PM 11:09 PM	-0.2 -6 4.3 131 0.0 0 4.3 131	11 F 04:10 AM 10:15 AM 04:32 PM 10:39 PM	-1.2 -37 5.4 165 -1.0 -30 5.7 174	26 Sa 05:20 AM 11:22 AM 05:29 PM 11:39 PM	0.0 0 4.3 131 0.2 6 4.8 146	12 Tu 03:49 AM 10:07 AM 04:34 PM 10:28 PM	-0.8 -24 5.7 174 -0.6 -18 4.5 137	27 W 04:31 AM 10:43 AM 05:07 PM 11:01 PM	-0.5 -15 4.7 143 -0.2 -6 3.9 119	12 F 05:19 AM 11:23 AM 05:47 PM 11:51 PM	-0.9 -27 5.1 155 -0.8 -24 5.0 152	27 Sa 05:28 AM 11:30 AM 05:45 PM 11:51 PM	0.1 3 4.1 125 0.2 6 4.2 128	12 Sa 05:04 AM 11:04 AM 05:22 PM 11:31 PM	-1.0 -30 5.0 152 -0.8 -24 5.5 168	27 Su 06:01 AM 12:00 PM 06:08 PM	0.2 6 4.1 125 0.4 12
13 W 04:39 AM 10:54 AM 05:22 PM 11:17 PM	-0.7 -21 5.5 168 -0.6 -18 4.5 137	28 Th 05:15 AM 11:23 AM 05:47 PM 11:44 PM	-0.2 -6 4.4 134 0.0 0 3.9 119	13 Sa 06:16 AM 12:14 PM 06:40 PM	-0.6 -18 4.7 143 -0.7 -21	28 Su 06:13 AM 12:10 PM 06:27 PM	0.3 9 3.9 119 0.4 12	13 Su 07:01 AM 12:55 PM 07:15 PM	-0.7 -21 4.6 140 -0.6 -18	13 M 12:19 AM 06:44 AM 12:40 PM 06:49 PM	4.7 143 0.4 12 4.0 122 0.5 15	14 Th 05:33 AM 11:42 AM 06:13 PM	-0.6 -18 5.2 158 -0.5 -15	29 F 06:00 AM 12:03 PM 06:29 PM	0.1 3 4.1 125 0.1 3	14 Su 12:46 AM 07:16 AM 01:08 PM 07:35 PM	4.8 146 -0.3 -9 4.2 128 -0.5 -15	29 M 12:35 AM 07:01 AM 12:54 PM 07:13 PM	4.2 128 0.6 18 3.6 110 0.5 15	14 M 01:26 AM 08:01 AM 01:50 PM 08:12 PM	5.2 158 -0.3 -9 4.1 125 -0.3 -9	29 Tu 01:01 AM 07:31 AM 01:22 PM 07:35 PM	4.6 140 0.6 18 3.8 116 0.7 21
15 F 12:10 AM 06:30 AM 12:33 PM 07:05 PM	4.5 137 -0.4 -12 4.8 146 -0.5 -15	30 Sa 12:28 AM 06:48 AM 12:47 PM 07:12 PM	3.8 116 0.4 12 3.8 116 0.3 9	15 M 01:47 AM 08:20 AM 02:08 PM 08:33 PM	4.7 143 -0.1 -3 3.8 116 -0.4 -12	15 F 02:25 AM 09:04 AM 02:50 PM 09:13 PM	4.9 149 0.0 0 3.8 116 -0.1 -3	15 Tu 02:25 AM 09:04 AM 02:50 PM 09:13 PM	4.9 149 0.0 0 3.8 116 -0.1 -3	30 W 01:48 AM 08:22 AM 02:11 PM 08:26 PM	4.5 137 0.8 24 3.7 113 0.7 21	31 Th 02:41 AM 09:16 AM 03:07 PM 09:23 PM	4.5 137 0.8 24 3.6 110 0.7 21										



Upshur Neck, south end, Virginia, 2016

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 F	03:41 AM 10:13 AM 04:08 PM 10:23 PM	4.5 137 0.8 24 3.8 116 0.5 15	16 Sa	05:18 AM 11:48 AM 05:47 PM	4.3 131 0.4 12 3.8 116	1 Su	04:09 AM 10:40 AM 04:43 PM 10:59 PM	4.8 146 0.4 12 4.4 134 0.4 12	16 M	05:31 AM 11:52 AM 06:03 PM	4.1 125 0.5 15 4.2 128	1 W	05:40 AM 12:01 PM 06:16 PM	4.7 143 -0.3 -9 5.5 168	16 Th	06:22 AM 12:33 PM 06:53 PM	0.8 24 3.8 116 0.5 15 4.8 146
2 Sa	04:43 AM 11:11 AM 05:10 PM 11:24 PM	4.7 143 0.6 18 4.0 122 0.3 9	17 Su	12:01 AM 06:14 AM 12:39 PM 06:36 PM	0.4 12 4.3 131 0.4 12 4.1 125	2 M	05:10 AM 11:35 AM 05:42 PM	4.9 149 0.1 3 4.8 146	17 Tu	12:24 AM 06:19 AM 12:36 PM 06:46 PM	0.6 18 4.0 122 0.5 15 4.5 137	2 Th	12:45 AM 06:38 AM 12:55 PM 07:11 PM	-0.2 -6 4.7 143 -0.5 -15 5.9 180	17 F	01:24 AM 07:07 AM 01:17 PM 07:35 PM	0.7 21 3.9 119 0.4 12 5.1 155
3 Su	05:42 AM 12:08 PM 06:07 PM	4.9 149 0.3 9 4.5 137	18 M	12:56 AM 07:00 AM 01:21 PM 07:18 PM	0.3 9 4.3 131 0.3 9 4.3 131	3 Tu	12:02 AM 06:08 AM 12:30 PM 06:37 PM	0.0 0 5.0 152 -0.2 -6 5.3 162	18 W	01:13 AM 07:02 AM 01:16 PM 07:26 PM	0.5 15 4.1 125 0.4 12 4.8 146	3 F	01:44 AM 07:33 AM 01:49 PM 08:05 PM	-0.4 -12 4.8 146 -0.7 -21 6.2 189	18 Sa	02:08 AM 07:51 AM 01:59 PM 08:17 PM	0.5 15 4.0 122 0.3 9 5.3 162
4 M	12:24 AM 06:38 AM 01:02 PM 07:01 PM	-0.1 -3 5.2 158 -0.1 -3 4.9 149	19 Tu	01:43 AM 07:40 AM 01:59 PM 07:57 PM	0.2 6 4.3 131 0.2 6 4.6 140	4 W	01:02 AM 07:03 AM 01:23 PM 07:31 PM	-0.3 -9 5.2 158 -0.5 -15 5.8 177	19 Th	01:57 AM 07:43 AM 01:55 PM 08:06 PM	0.4 12 4.1 125 0.3 9 5.0 152	4 Sa	02:40 AM 08:27 AM 02:41 PM 08:57 PM	-0.6 -18 4.7 143 -0.9 -27 6.3 192	19 Su	02:50 AM 08:34 AM 02:41 PM 09:00 PM	0.4 12 4.1 125 0.2 6 5.5 168
5 Tu	01:23 AM 07:30 AM 01:53 PM 07:53 PM	-0.5 -15 5.4 165 -0.4 -12 5.4 165	20 W	02:25 AM 08:19 AM 02:34 PM 08:36 PM	0.1 3 4.4 134 0.2 6 4.8 146	5 Th	02:00 AM 07:56 AM 02:14 PM 08:23 PM	-0.6 -18 5.2 158 -0.8 -24 6.2 189	20 F	02:37 AM 08:24 AM 02:33 PM 08:46 PM	0.3 9 4.2 128 0.2 6 5.2 158	5 Su	03:33 AM 09:20 AM 03:32 PM 09:50 PM	-0.8 -24 4.7 143 -0.9 -27 6.3 192	20 M	03:30 AM 09:18 AM 03:23 PM 09:42 PM	0.3 9 4.2 128 0.1 3 5.6 171
6 W	02:18 AM 08:22 AM 02:42 PM 08:45 PM	-0.8 -24 5.5 168 -0.8 -24 5.8 177	21 Th	03:03 AM 08:57 AM 03:09 PM 09:14 PM	0.0 0 4.4 134 0.1 3 5.0 152	6 F	02:55 AM 08:49 AM 03:04 PM 09:16 PM	-0.9 -27 5.2 158 -0.9 -27 6.4 195	21 Sa	03:16 AM 09:05 AM 03:11 PM 09:26 PM	0.2 6 4.2 128 0.2 6 5.4 165	6 M	04:25 AM 10:13 AM 04:23 PM 10:41 PM	-0.7 -21 4.6 140 -0.8 -24 6.1 186	21 Tu	04:11 AM 10:01 AM 04:05 PM 10:24 PM	0.2 6 4.2 128 0.1 3 5.6 171
7 Th	03:11 AM 09:13 AM 03:30 PM 09:36 PM	-1.1 -34 5.5 168 -1.0 -30 6.1 186	22 F	03:41 AM 09:36 AM 03:44 PM 09:53 PM	0.0 0 4.4 134 0.1 3 5.1 155	7 Sa	03:48 AM 09:41 AM 03:53 PM 10:08 PM	-1.0 -30 5.1 155 -1.0 -30 6.4 195	22 Su	03:55 AM 09:46 AM 03:50 PM 10:06 PM	0.2 6 4.2 128 0.2 6 5.4 165	7 Tu	05:16 AM 11:05 AM 05:14 PM 11:31 PM	-0.6 -18 4.5 137 -0.6 -18 5.8 177	22 W	04:53 AM 10:45 AM 04:48 PM 11:07 PM	0.1 3 4.3 131 0.1 3 5.6 171
8 F	04:03 AM 10:03 AM 04:18 PM 10:27 PM	-1.2 -37 5.4 165 -1.0 -30 6.2 189	23 Sa	04:18 AM 10:15 AM 04:20 PM 10:32 PM	0.0 0 4.3 131 0.2 6 5.2 158	8 Su	04:41 AM 10:33 AM 04:43 PM 11:00 PM	-0.9 -27 4.9 149 -0.9 -27 6.3 192	23 M	04:34 AM 10:27 AM 04:29 PM 10:47 PM	0.2 6 4.2 128 0.3 9 5.4 165	8 W	06:07 AM 11:56 AM 06:06 PM	-0.4 -12 4.3 131 -0.3 -9	23 Th	05:36 AM 11:29 AM 05:34 PM 11:50 PM	0.1 3 4.3 131 0.2 6 5.6 171
9 Sa	04:56 AM 10:54 AM 05:07 PM 11:19 PM	-1.1 -34 5.2 158 -0.9 -27 6.1 186	24 Su	04:57 AM 10:54 AM 04:57 PM 11:11 PM	0.1 3 4.3 131 0.3 9 5.2 158	9 M	05:34 AM 11:25 AM 05:35 PM 11:52 PM	-0.8 -24 4.6 140 -0.6 -18 6.0 183	24 Tu	05:15 AM 11:09 AM 05:10 PM 11:28 PM	0.3 9 4.2 128 0.3 9 5.4 165	9 Th	12:21 AM 06:59 AM 12:48 PM 07:00 PM	5.5 168 -0.2 -6 4.2 128 0.0 0	24 F	06:21 AM 12:15 PM 06:23 PM	0.1 3 4.4 134 0.3 9
10 Su	05:49 AM 11:45 AM 05:58 PM	-0.9 -27 4.9 149 -0.7 -21	25 M	05:37 AM 11:33 AM 05:36 PM 11:51 PM	0.3 9 4.1 125 0.4 12 5.1 155	10 Tu	06:28 AM 12:18 PM 06:29 PM	-0.5 -15 4.4 134 -0.3 -9	25 W	05:58 AM 11:51 AM 05:53 PM	0.3 9 4.1 125 0.4 12	10 F	01:10 AM 07:50 AM 01:40 PM 07:57 PM	5.0 152 0.1 3 4.0 122 0.3 9	25 Sa	12:36 AM 07:09 AM 01:04 PM 07:18 PM	5.4 165 0.1 3 4.5 137 0.3 9
11 M	12:11 AM 06:46 AM 12:37 PM 06:52 PM	5.9 180 -0.6 -18 4.5 137 -0.4 -12	26 Tu	06:20 AM 12:14 PM 06:18 PM	0.4 12 4.0 122 0.6 18	11 W	12:44 AM 07:24 AM 01:12 PM 07:26 PM	5.6 171 -0.2 -6 4.1 125 0.0 0	26 Th	12:11 AM 06:44 AM 12:35 PM 06:42 PM	5.3 162 0.4 12 4.1 125 0.5 15	11 Sa	02:01 AM 08:41 AM 02:35 PM 08:54 PM	4.6 140 0.3 9 3.9 119 6.6 18	26 Su	01:24 AM 07:59 AM 01:57 PM 08:16 PM	5.2 158 0.1 3 4.6 140 0.4 12
12 Tu	01:05 AM 07:44 AM 01:32 PM 07:50 PM	5.5 168 -0.3 -9 4.1 125 -0.1 -3	27 W	12:33 AM 07:06 AM 12:57 PM 07:05 PM	5.0 152 0.6 18 3.9 119 0.7 21	12 Th	01:38 AM 08:22 AM 02:09 PM 08:26 PM	5.1 155 0.1 3 3.9 119 0.3 9	27 F	12:56 AM 07:33 AM 01:24 PM 07:36 PM	5.2 158 0.4 12 4.1 125 0.6 18	12 Su	02:53 AM 09:30 AM 03:32 PM 09:51 PM	4.3 131 0.4 12 4.0 122 0.8 24	27 M	02:17 AM 08:51 AM 02:55 PM 09:18 PM	4.9 149 0.1 3 4.7 143 0.4 12
13 W	02:03 AM 08:45 AM 02:32 PM 08:51 PM	5.1 155 0.0 0 3.8 116 0.1 3	28 Th	01:19 AM 07:56 AM 01:45 PM 07:58 PM	4.9 149 0.7 21 3.9 119 0.7 21	13 F	02:35 AM 09:18 AM 03:10 PM 09:28 PM	4.7 143 0.3 9 3.8 116 0.5 15	28 Sa	01:45 AM 08:24 AM 02:18 PM 08:34 PM	5.1 155 0.4 12 4.2 128 0.6 18	13 M	03:48 AM 10:17 AM 04:29 PM 10:48 PM	4.0 122 0.5 15 4.1 125 0.9 27	28 Tu	03:14 AM 09:44 AM 03:57 PM 10:21 PM	4.7 143 0.0 0 4.9 149 0.3 9
14 Th	03:06 AM 09:48 AM 03:38 PM 09:55 PM	4.7 143 0.3 9 3.7 113 0.3 9	29 F	02:10 AM 08:49 AM 02:40 PM 08:56 PM	4.8 146 0.7 21 3.9 119 0.7 21	14 Sa	03:36 AM 10:13 AM 04:14 PM 10:29 PM	4.4 134 0.4 12 3.8 116 0.6 18	29 Su	02:40 AM 09:17 AM 03:17 PM 09:35 PM	4.9 149 0.3 9 4.4 134 0.5 15	14 Tu	04:42 AM 11:03 AM 05:21 PM 11:44 PM	3.8 116 0.6 18 4.3 131 0.9 27	29 W	04:16 AM 10:39 AM 04:59 PM 11:26 PM	4.5 137 -0.1 -3 5.2 158 0.2 6
15 F	04:13 AM 10:50 AM 04:46 PM 10:59 PM	4.4 134 0.4 12 3.7 113 0.4 12	30 Sa	03:08 AM 09:44 AM 03:41 PM 09:57 PM	4.8 146 0.6 18 4.1 125 0.6 18	15 Su	04:36 AM 11:05 AM 05:13 PM 11:29 PM	4.1 125 0.5 15 4.0 122 0.7 21	30 M	03:40 AM 10:11 AM 04:19 PM 10:39 PM	4.8 146 0.2 6 4.7 143 0.3 9	15 W	05:34 AM 11:48 AM 06:09 PM	3.8 116 0.5 15 4.5 137	30 Th	05:17 AM 11:36 AM 05:58 PM	4.4 134 -0.3 -9 5.5 168
						31 Tu	04:41 AM 11:05 AM 05:19 PM 11:42 PM	4.7 143 0.0 0 5.1 155 0.1 3									

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:69 low: 74) Height offset in feet (high: * 1.31 low: *1.25)



Upshur Neck, south end, Virginia, 2016

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

Times and Heights of High and Low Waters

July				August				September			
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 F	12:30 AM 0.0 0 06:17 AM 4.3 131 12:33 PM -0.4 -12 06:55 PM 5.8 177	16 Sa	12:47 AM 0.9 27 06:31 AM 3.8 116 12:40 PM 0.5 15 07:04 PM 5.1 155	1 M	02:14 AM -0.1 -3 07:54 AM 4.3 131 02:09 PM -0.4 -12 08:27 PM 5.8 177	16 Tu	01:48 AM 0.6 18 07:35 AM 4.5 137 01:47 PM 0.2 6 08:05 PM 5.7 174	1 Th	03:22 AM 0.0 0 09:11 AM 4.8 146 03:28 PM -0.1 -3 09:35 PM 5.4 165	16 F	02:46 AM -0.1 -3 08:43 AM 5.7 174 03:03 PM -0.3 -9 09:09 PM 6.1 186
2 Sa	01:31 AM -0.2 -6 07:14 AM 4.4 134 01:29 PM -0.6 -18 07:49 PM 6.0 183	17 Su	01:35 AM 0.7 21 07:18 AM 4.0 122 01:27 PM 0.3 9 07:49 PM 5.4 165	2 Tu	03:03 AM -0.2 -6 08:44 AM 4.4 134 02:59 PM -0.5 -15 09:15 PM 5.8 177	17 W	02:33 AM 0.3 9 08:22 AM 4.8 146 02:35 PM -0.1 -3 08:50 PM 6.0 183	2 F	03:59 AM 0.0 0 09:53 AM 4.9 149 04:10 PM -0.1 -3 10:15 PM 5.3 162	17 Sa	03:30 AM -0.3 -9 09:32 AM 6.0 183 03:52 PM -0.5 -15 09:57 PM 6.0 183
3 Su	02:27 AM -0.4 -12 08:08 AM 4.4 134 02:23 PM -0.7 -21 08:42 PM 6.1 186	18 M	02:20 AM 0.5 15 08:04 AM 4.2 128 02:13 PM 0.2 6 08:33 PM 5.6 171	3 W	03:47 AM -0.2 -6 09:33 AM 4.5 137 03:46 PM -0.4 -12 10:00 PM 5.6 171	18 Th	03:16 AM 0.1 3 09:09 AM 5.1 155 03:22 PM -0.2 -6 09:35 PM 6.1 186	3 Sa	04:36 AM 0.1 3 10:34 AM 5.0 152 04:51 PM 0.1 3 10:55 PM 5.1 155	18 Su	04:16 AM -0.4 -12 10:21 AM 6.2 189 04:23 PM -0.5 -15 10:45 PM 5.8 177
4 M	03:19 AM -0.5 -15 09:02 AM 4.4 134 03:14 PM -0.7 -21 09:33 PM 6.0 183	19 Tu	03:03 AM 0.3 9 08:50 AM 4.3 131 02:58 PM 0.0 0 09:17 PM 5.8 177	4 Th	04:29 AM -0.2 -6 10:19 AM 4.6 140 04:32 PM -0.3 -9 10:43 PM 5.5 168	19 F	04:00 AM -0.1 -3 09:56 AM 5.3 162 04:10 PM -0.4 -12 10:21 PM 6.0 183	4 Su	05:12 AM 0.3 9 11:14 AM 5.0 152 05:32 PM 0.3 9 11:34 PM 4.8 146	19 M	05:02 AM -0.5 -15 11:11 AM 6.3 192 05:36 PM -0.4 -12 11:35 PM 5.5 168
5 Tu	04:08 AM -0.5 -15 09:53 AM 4.4 134 04:04 PM -0.7 -21 10:22 PM 5.9 180	20 W	03:45 AM 0.1 3 09:35 AM 4.5 137 03:43 PM -0.1 -3 10:01 PM 5.9 180	5 F	05:10 AM -0.1 -3 11:03 AM 4.6 140 05:16 PM -0.1 -3 11:25 PM 5.2 158	20 Sa	04:44 AM -0.3 -9 10:44 AM 5.5 168 04:59 PM -0.3 -9 11:08 PM 5.9 180	5 M	05:49 AM 0.4 12 11:55 AM 5.0 152 06:16 PM 0.6 18	20 Tu	05:51 AM -0.4 -12 12:03 PM 6.2 189 06:32 PM -0.1 -3
6 W	04:55 AM -0.4 -12 10:43 AM 4.4 134 04:53 PM -0.5 -15 11:09 PM 5.6 171	21 Th	04:28 AM 0.0 0 10:21 AM 4.7 143 04:28 PM -0.1 -3 10:45 PM 5.9 180	6 Sa	05:50 AM 0.1 3 11:47 AM 4.6 140 06:02 PM 0.2 6	21 Su	05:29 AM -0.3 -9 11:33 AM 5.6 171 05:51 PM -0.2 -6 11:55 PM 5.6 171	6 Tu	12:14 AM 4.6 140 06:29 AM 0.7 21 12:37 PM 4.9 149 07:01 PM 0.9 27	21 W	12:26 AM 5.1 155 06:43 AM -0.2 -6 12:57 PM 6.0 183 07:32 PM 0.1 3
7 Th	05:41 AM -0.3 -9 11:31 AM 4.4 134 05:42 PM -0.2 -6 11:55 PM 5.3 162	22 F	05:11 AM -0.1 -3 11:07 AM 4.8 146 05:16 PM -0.1 -3 11:29 PM 5.8 177	7 Su	12:07 AM 4.9 149 06:31 AM 0.3 9 12:30 PM 4.6 140 06:48 PM 0.5 15	22 M	06:17 AM -0.3 -9 12:23 PM 5.0 0 06:47 PM 0.0 0	7 W	12:55 AM 4.3 131 07:11 AM 0.9 27 01:22 PM 4.8 146 07:50 PM 1.1 34	22 Th	01:20 AM 4.7 143 07:40 AM 0.1 3 01:55 PM 5.7 174 08:35 PM 0.4 12
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10 Su	01:24 AM 4.6 140 07:58 AM 0.3 9 01:55 PM 4.2 128 08:16 PM 0.7 21	25 M	01:04 AM 5.2 158 07:33 AM -0.1 -3 01:37 PM 5.1 155 08:01 PM 0.3 9	10 W	02:18 AM 4.0 122 08:41 AM 0.8 24 02:54 PM 4.4 134 09:21 PM 1.2 37	25 Th	02:35 AM 4.4 134 08:59 AM 0.1 3 03:18 PM 5.4 165 09:54 PM 0.5 15	10 Sa	03:25 AM 3.8 116 09:39 AM 1.2 37 04:04 PM 4.7 143 10:33 PM 1.4 43	25 Su	04:36 AM 4.1 125 10:48 AM 0.5 15 05:16 PM 5.1 155 11:50 PM 0.6 18
11 M	02:11 AM 4.2 128 08:43 AM 0.5 15 02:47 PM 4.1 125 09:10 PM 0.9 27	26 Tu	01:56 AM 4.9 149 08:26 AM -0.1 -3 02:34 PM 5.1 155 09:03 PM 0.4 12	11 Th	03:10 AM 3.8 116 09:29 AM 0.9 27 03:50 PM 4.5 137 10:16 PM 1.3 40	26 F	03:39 AM 4.2 128 10:00 AM 0.2 6 04:25 PM 5.3 162 11:01 PM 0.6 18	11 Su	04:25 AM 3.9 119 10:35 AM 1.1 34 05:02 PM 4.9 149 11:29 PM 1.2 37	26 M	05:43 AM 4.2 128 11:52 AM 0.4 12 06:15 PM 5.1 155
12 Tu	03:01 AM 3.9 119 09:28 AM 0.6 18 03:41 PM 4.2 128 10:04 PM 1.0 30	27 W	02:53 AM 4.5 137 09:21 AM 0.0 0 03:36 PM 5.2 158 10:07 PM 0.4 12	12 F	04:06 AM 3.7 113 10:19 AM 0.9 27 04:47 PM 4.6 140 11:13 PM 1.2 37	27 Sa	04:47 AM 4.0 122 11:02 AM 0.2 6 05:31 PM 5.3 162	12 M	05:23 AM 4.1 125 11:32 AM 0.9 27 05:56 PM 5.2 158	27 Tu	12:47 AM 0.5 15 06:38 AM 4.4 134 12:51 PM 0.3 9 07:05 PM 5.2 158
13 W	03:54 AM 3.8 116 10:14 AM 0.7 21 04:36 PM 4.3 131 11:00 PM 1.1 34	28 Th	03:55 AM 4.3 131 10:18 AM -0.1 -3 04:41 PM 5.3 162 11:12 PM 0.4 12	13 Sa	05:02 AM 3.8 116 11:12 AM 0.8 24 05:41 PM 4.9 149	28 Su	12:06 AM 0.5 15 05:52 AM 4.1 125 12:04 PM 0.1 3 06:31 PM 5.4 165	13 Tu	12:23 AM 1.0 30 06:16 AM 4.4 134 12:27 PM 0.6 18 06:46 PM 5.5 168	28 W	01:35 AM 0.4 12 07:25 AM 4.6 140 01:43 PM 0.2 6 07:49 PM 5.2 158
14 Th	04:49 AM 3.7 113 11:02 AM 0.7 21 05:29 PM 4.5 137 11:55 PM 1.0 30	29 F	05:00 AM 4.1 125 11:17 AM -0.1 -3 05:44 PM 5.4 165	14 Su	12:08 AM 1.1 34 05:56 AM 3.9 119 12:05 PM 0.7 21 06:31 PM 5.1 155	29 M	01:06 AM 0.4 12 06:49 AM 4.3 131 01:03 PM 0.0 0 07:23 PM 5.5 168	14 W	01:13 AM 0.6 18 07:06 AM 4.9 149 01:21 PM 0.2 6 07:35 PM 5.8 177	29 Th	02:15 AM 0.3 9 08:07 AM 4.9 149 02:28 PM 0.2 6 08:29 PM 5.1 155
15 F	05:41 AM 3.7 113 11:51 AM 0.6 18 06:18 PM 4.8 146	30 Sa	12:18 AM 0.3 9 06:02 AM 4.1 125 12:16 PM -0.2 -6 06:42 PM 5.6 171	15 M	01:00 AM 0.9 27 06:47 AM 4.2 128 12:57 PM 0.5 15 07:19 PM 5.5 168	30 Tu	01:58 AM 0.2 6 07:40 AM 4.4 134 01:56 PM -0.1 -3 08:10 PM 5.5 168	15 Th	02:00 AM 0.3 9 07:55 AM 5.3 162 02:12 PM -0.1 -3 08:22 PM 6.0 183	30 F	02:52 AM 0.2 6 08:47 AM 5.1 155 03:09 PM 0.1 3 09:07 PM 5.1 155
		31 Su	01:19 AM 0.1 3 07:00 AM 4.2 128 01:14 PM -0.3 -9 07:36 PM 5.7 174			31 W	02:42 AM 0.1 3 08:27 AM 4.6 140 02:44 PM -0.1 -3 08:54 PM 5.5 168				



Upshur Neck, south end, Virginia, 2016

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 Sa	03:26 AM 09:26 AM 03:48 PM 09:46 PM	0.2 5.2 5.0 5.2	6 158 6 152	16 Su	03:02 AM 09:09 AM 03:36 PM 09:33 PM	-0.5 6.4 -0.6 5.8	-15 195 -18 177	1 Tu	04:03 AM 10:16 AM 04:42 PM 10:34 PM	0.3 5.4 0.4 4.4	9 165 12 134	16 W	03:15 AM 09:33 AM 04:06 PM 09:56 PM	-1.0 6.6 -0.7 4.9	-30 201 -21 149	1 Th	03:13 AM 09:32 AM 03:59 PM 09:49 PM	0.1 5.3 0.3 4.1	3 162 9 125	16 F	03:48 AM 10:08 AM 04:41 PM 10:29 PM	-1.1 6.0 -0.7 4.3	-34 183 -21 131			
2 Su	04:01 AM 10:05 AM 04:27 PM 10:24 PM	0.3 5.3 0.3 4.9	9 162 9 149	17 M	03:49 AM 10:00 AM 04:28 PM 10:23 PM	-0.7 6.6 -0.6 5.6	-21 201 -18 171	2 W	04:39 AM 10:56 AM 05:22 PM 11:14 PM	0.4 5.4 0.5 4.3	12 165 15 131	17 Th	04:07 AM 10:26 AM 05:00 PM 10:49 PM	-0.8 6.3 -0.5 4.6	-24 192 -15 140	2 F	03:52 AM 10:13 AM 04:40 PM 10:31 PM	0.2 5.3 0.4 4.0	6 162 12 122	17 Sa	04:40 AM 10:58 AM 05:33 PM 11:21 PM	-0.8 5.6 -0.5 4.1	-24 171 -15 125			
3 M	04:35 AM 10:44 AM 05:06 PM 11:03 PM	0.4 5.3 0.4 4.7	12 162 12 143	18 Tu	04:37 AM 10:51 AM 05:21 PM 11:15 PM	-0.7 6.6 -0.5 5.3	-21 201 -15 162	3 Th	05:18 AM 11:36 AM 06:04 PM 11:55 PM	0.6 5.3 0.7 4.1	18 162 21 125	18 F	05:00 AM 11:19 AM 05:57 PM 11:43 PM	-0.5 6.0 -0.3 4.3	-15 183 -9 131	3 Sa	04:33 AM 10:54 AM 05:24 PM 11:14 PM	0.3 5.2 0.5 3.9	9 158 15 119	18 Su	05:35 AM 11:48 AM 06:26 PM	-0.5 5.2 -0.3	-15 158 -9			
4 Tu	05:12 AM 11:23 AM 05:47 PM 11:42 PM	0.5 5.3 0.6 4.5	15 162 18 137	19 W	05:27 AM 11:44 AM 06:17 PM	-0.5 6.4 -0.3	-15 195 -9	4 F	05:59 AM 12:18 PM 06:49 PM	0.7 5.2 0.9	21 158 27	19 Sa	05:57 AM 12:13 PM 06:55 PM	-0.2 5.5 0.0	-6 168 0	4 Su	05:18 AM 11:36 AM 06:10 PM 11:59 PM	0.4 5.1 0.5 3.9	12 155 15 119	19 M	12:14 AM 06:31 AM 12:39 PM 07:19 PM	4.0 -0.1 4.7 -0.1	122 -3 143 -3			
5 W	05:50 AM 12:04 PM 06:30 PM	0.7 5.2 0.9	21 158 27	20 Th	12:07 AM 06:21 AM 12:38 PM 07:16 PM	4.9 -0.3 6.1 0.0	149 -9 186 0	5 Sa	12:38 AM 06:44 AM 01:02 PM 07:38 PM	4.0 0.9 5.1 1.0	122 27 155 30	20 Su	12:41 AM 06:58 AM 01:10 PM 07:55 PM	4.1 0.1 5.0 0.2	125 3 152 6	5 M	06:09 AM 12:22 PM 06:59 PM	0.5 4.9 0.5	15 149 15	20 Tu	01:10 AM 07:30 AM 01:32 PM 08:10 PM	3.8 0.2 4.3 0.1	116 6 131 3			
6 Th	12:23 AM 06:31 AM 12:47 PM 07:17 PM	4.3 0.9 5.1 1.1	131 27 155 34	21 F	01:02 AM 07:19 AM 01:35 PM 08:18 PM	4.6 0.0 5.7 0.3	140 0 174 9	6 Su	01:25 AM 06:35 AM 12:51 PM 07:29 PM	3.9 1.0 4.9 1.0	119 30 149 30	21 M	01:43 AM 08:01 AM 02:11 PM 08:52 PM	3.9 0.4 4.6 0.3	119 12 140 9	6 Tu	12:50 AM 07:04 AM 01:13 PM 07:50 PM	3.9 0.6 4.8 0.4	119 18 146 12	21 W	02:09 AM 08:29 AM 02:27 PM 09:00 PM	3.7 0.4 3.9 0.2	113 12 119 6			
7 F	01:06 AM 07:17 AM 01:33 PM 08:08 PM	4.1 1.1 4.9 1.3	125 34 149 40	22 Sa	02:02 AM 08:21 AM 02:37 PM 09:22 PM	4.2 0.3 5.3 0.5	128 9 162 15	7 M	01:18 AM 07:31 AM 01:45 PM 08:22 PM	3.9 1.0 4.9 0.9	119 30 149 27	22 Tu	02:50 AM 09:04 AM 03:13 PM 09:47 PM	3.9 0.5 4.3 0.4	119 15 131 12	7 W	01:47 AM 08:04 AM 02:09 PM 08:43 PM	4.1 0.6 4.6 0.2	125 18 140 6	22 Th	03:09 AM 09:29 AM 03:23 PM 09:49 PM	3.8 0.6 3.7 0.3	116 18 113 9			
8 Sa	01:54 AM 08:07 AM 02:25 PM 09:01 PM	3.9 1.2 4.8 1.3	119 37 146 40	23 Su	03:08 AM 09:25 AM 03:44 PM 10:25 PM	4.0 0.5 5.0 0.5	122 18 152 15	8 Tu	02:17 AM 08:30 AM 02:43 PM 09:16 PM	4.0 0.9 4.9 0.7	122 27 149 21	23 W	03:55 AM 10:07 AM 04:11 PM 10:37 PM	4.0 0.6 4.2 0.4	122 18 128 12	8 Th	02:48 AM 09:06 AM 03:09 PM 09:37 PM	4.3 4.2 4.6 0.0	131 18 140 0	23 F	04:07 AM 10:27 AM 04:17 PM 10:36 PM	3.9 0.6 3.5 0.3	119 18 107 9			
9 Su	02:49 AM 09:03 AM 03:22 PM 09:56 PM	3.9 1.2 4.9 1.3	119 37 149 40	24 M	04:20 AM 10:31 AM 04:51 PM 11:24 PM	4.0 0.6 4.8 0.6	122 18 146 18	9 W	03:18 AM 09:32 AM 03:43 PM 10:10 PM	4.3 0.7 5.0 0.4	131 21 152 12	24 Th	04:49 AM 11:06 AM 05:02 PM 11:22 PM	4.2 0.6 4.1 0.3	128 18 125 9	9 F	03:49 AM 10:10 AM 04:09 PM 10:32 PM	4.7 4.2 4.6 -0.3	143 18 140 -9	24 Sa	04:57 AM 11:23 AM 05:07 PM 11:22 PM	4.1 0.6 3.5 0.2	125 18 107 6			
10 M	03:50 AM 10:01 AM 04:22 PM 10:52 PM	4.0 1.1 5.0 1.1	122 34 152 34	25 Tu	05:26 AM 11:35 AM 05:50 PM	4.2 0.6 4.7	128 18 143	10 Th	04:17 AM 10:33 AM 04:40 PM 11:03 PM	4.8 0.5 5.1 0.1	146 15 155 3	25 F	05:35 AM 11:59 AM 05:46 PM	4.5 0.5 4.1	137 15 125	10 Sa	04:48 AM 11:13 AM 05:07 PM 11:27 PM	5.2 0.0 4.6 -0.6	158 0 140 -18	25 Su	05:43 AM 12:13 PM 05:53 PM	4.4 0.5 3.6	134 15 110			
11 Tu	04:50 AM 11:00 AM 05:19 PM 11:46 PM	4.3 0.9 5.2 0.8	131 27 158 24	26 W	12:17 AM 06:20 AM 12:34 PM 06:38 PM	0.5 4.4 0.5 4.7	15 134 15 143	11 F	05:12 AM 11:34 AM 05:34 PM 11:55 PM	5.3 0.1 5.2 -0.3	162 3 158 -9	26 Sa	12:03 AM 06:15 AM 12:44 PM 06:27 PM	0.3 4.7 0.4 4.1	9 143 12 125	11 Su	05:44 AM 12:14 PM 06:03 PM	5.6 -0.3 4.6	171 -9 140	26 M	12:06 AM 06:25 AM 12:57 PM 06:36 PM	0.1 4.6 0.4 3.7	3 140 12 113			
12 W	05:46 AM 11:59 AM 06:13 PM	4.7 0.6 5.4	143 18 165	27 Th	01:03 AM 07:04 AM 01:25 PM 07:20 PM	0.4 4.7 0.4 4.7	12 143 12 143	12 Sa	06:05 AM 12:31 PM 06:27 PM	5.8 -0.3 5.3	177 -9 162	27 Su	12:42 AM 06:54 AM 01:25 PM 07:07 PM	0.2 4.9 0.3 4.1	6 149 9 125	12 M	12:21 AM 06:38 AM 01:11 PM 06:57 PM	-0.8 6.0 -0.6 4.7	-24 183 -18 143	27 Tu	12:48 AM 07:07 AM 01:38 PM 07:19 PM	0.0 4.9 0.2 3.8	0 149 6 116			
13 Th	12:37 AM 06:39 AM 12:56 PM 07:04 PM	0.4 5.2 5.2 0.7	12 158 6 174	28 F	01:42 AM 07:43 AM 02:08 PM 07:59 PM	0.3 4.9 0.4 4.7	9 149 12 143	13 Su	12:46 AM 06:57 AM 01:27 PM 07:19 PM	-0.6 6.2 -0.6 5.3	-18 189 -18 162	28 M	01:20 AM 07:33 AM 02:03 PM 07:47 PM	0.1 5.1 0.3 4.1	3 155 9 125	13 Tu	01:14 AM 07:32 AM 02:06 PM 07:51 PM	-1.1 6.2 -0.8 4.6	-34 189 -24 140	28 W	01:29 AM 07:48 AM 02:17 PM 08:01 PM	-0.1 5.0 0.1 3.9	-3 152 3 119			
14 F	01:27 AM 07:29 AM 01:51 PM 07:54 PM	0.1 5.7 -0.1 5.8	3 174 -3 177	29 Sa	02:18 AM 08:21 AM 02:48 PM 08:37 PM	0.3 5.1 0.3 4.6	9 155 9 140	14 M	01:36 AM 07:49 AM 02:20 PM 08:11 PM	-0.8 6.5 -0.7 5.2	-24 198 -21 158	29 Tu	01:57 AM 08:12 AM 02:41 PM 08:28 PM	0.1 5.3 0.2 4.1	3 162 6 125	14 W	02:06 AM 08:24 AM 02:58 PM 08:44 PM	-1.2 6.3 -0.9 4.6	-37 192 -27 140	29 Th	02:10 AM 08:29 AM 02:56 PM 08:43 PM	-0.2 5.2 0.0 3.9	-6 158 0 119			
15 Sa	02:15 AM 08:19 AM 02:44 PM 08:43 PM	-0.3 6.1 -0.4 5.8	-9 186 -12 177	30 Su	02:53 AM 08:59 AM 03:26 PM 09:16 PM	0.2 5.3 0.3 4.6	6 162 9 140	15 Tu	02:25 AM 08:41 AM 03:13 PM 09:03 PM	-1.0 6.6 -0.8 5.1	-30 201 -24 155	30 W	02:35 AM 08:52 AM 03:19 PM 09:08 PM	0.1 5.3 0.2 4.1	3 162 6 125	15 Th	02:57 AM 09:17 AM 03:50 PM 09:37 PM	-1.2 6.2 -0.9 4.5	-37 189 -27 137	30 F	02:50 AM 09:10 AM 03:36 PM 09:26 PM	-0.2 5.2 0.0 4.0	-6 158 0 122			
				31 M	03:27 AM 09:37 AM 04:03 PM 09:55 PM	0.2 5.4 0.3 4.5	6 165 9 137										31 Sa	03:31 AM 09:51 AM 04:16 PM 10:08 PM	-0.2 5.3 0.0 4.0	-6 162 0 122						