



NOAA Tide Predictions

Great Machipongo Inlet (inside), 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.



Great Machipongo Inlet (inside), Virginia, 2013

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

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	04:27 AM 0.0 0 10:56 AM 4.3 131 05:08 PM 0.1 3 11:17 PM 3.6 110	16 W	05:32 AM -0.5 -15 11:49 AM 4.0 122 06:04 PM -0.5 -15		1 F	05:45 AM -0.1 -3 11:57 AM 3.9 119 06:07 PM -0.2 -6	16 Sa	12:29 AM 3.7 113 06:45 AM 0.2 6 12:46 PM 3.1 94 06:56 PM 0.1 3		1 F	04:38 AM -0.5 -15 10:52 AM 4.2 128 04:54 PM -0.4 -12 11:16 PM 4.6 140	16 Sa	12:08 AM 4.2 128 06:23 AM 0.0 0 12:28 PM 3.5 107 06:28 PM 0.1 3	
2 W	05:13 AM 0.1 3 11:37 AM 4.2 128 05:51 PM 0.1 3	17 Th	12:17 AM 3.7 113 06:27 AM -0.2 -6 12:36 PM 3.6 110 06:52 PM -0.2 -6		2 Sa	12:27 AM 4.1 125 06:41 AM 0.0 0 12:46 PM 3.6 110 06:59 PM -0.2 -6	17 Su	01:20 AM 3.6 110 07:39 AM 0.5 15 01:36 PM 2.9 88 07:45 PM 0.3 9		2 Sa	05:30 AM -0.3 -9 11:38 AM 3.9 119 05:42 PM -0.3 -9	17 Su	12:52 AM 4.0 122 07:10 AM 0.4 12 01:11 PM 3.2 98 07:13 PM 0.4 12	
3 Th	12:02 AM 3.7 113 06:05 AM 0.2 6 12:21 PM 4.0 122 06:38 PM 0.1 3	18 F	01:09 AM 3.6 110 07:23 AM 0.2 6 01:25 PM 3.2 98 07:41 PM 0.0 0		3 Su	01:24 AM 4.1 125 07:42 AM 0.2 6 01:43 PM 3.4 104 07:55 PM -0.2 -6	18 M	02:16 AM 3.4 104 08:35 AM 0.8 24 03:31 PM 2.7 82 08:37 PM 0.4 12		3 Su	12:07 AM 4.5 137 06:26 AM -0.1 -3 12:28 PM 3.6 110 06:36 PM -0.2 -6	18 M	01:40 AM 3.8 116 08:00 AM 0.7 21 01:59 PM 3.0 91 08:03 PM 0.6 18	
4 F	12:53 AM 3.7 113 07:01 AM 0.3 9 01:11 PM 3.8 116 07:27 PM 0.0 0	19 Sa	02:05 AM 3.5 107 08:21 AM 0.5 15 02:18 PM 2.9 88 08:30 PM 0.1 3		4 M	02:27 AM 4.1 125 08:46 AM 0.2 6 02:46 PM 3.2 98 08:54 PM -0.3 -9	19 Tu	03:17 AM 3.4 104 09:33 AM 0.9 27 03:31 PM 2.7 82 09:32 PM 0.4 12		4 M	01:04 AM 4.4 134 07:27 AM 0.1 3 01:26 PM 3.4 104 07:35 PM -0.2 -6	19 Tu	02:32 AM 3.6 110 08:53 AM 0.9 27 02:52 PM 2.9 88 08:56 PM 0.7 21	
5 Sa	01:49 AM 3.9 119 08:01 AM 0.3 9 02:07 PM 3.6 110 08:21 PM -0.1 -3	20 Su	03:05 AM 3.4 104 09:20 AM 0.6 18 03:15 PM 2.8 85 09:21 PM 0.2 6		5 Tu	03:34 AM 4.3 131 09:52 AM 0.1 3 03:53 PM 3.2 98 09:57 PM -0.5 -15	20 W	04:17 AM 3.5 107 10:31 AM 0.8 24 04:29 PM 2.8 85 10:27 PM 0.4 12		5 Tu	02:08 AM 4.3 131 08:31 AM 0.2 6 02:31 PM 3.2 98 08:39 PM -0.1 -3	20 W	03:31 AM 3.6 110 09:47 AM 1.0 30 03:51 PM 2.9 88 09:52 PM 0.7 21	
6 Su	02:51 AM 4.1 125 09:05 AM 0.3 9 03:09 PM 3.4 104 09:17 PM -0.3 -9	21 M	04:04 AM 3.5 107 10:20 AM 0.7 21 04:12 PM 2.7 82 10:12 PM 0.2 6		6 W	04:39 AM 4.4 134 10:58 AM -0.1 -3 04:58 PM 3.3 101 11:01 PM -0.7 -21	21 Th	05:11 AM 3.7 113 11:24 AM 0.7 21 05:21 PM 3.0 91 11:20 PM 0.2 6		6 W	03:17 AM 4.2 128 09:37 AM 0.2 6 03:40 PM 3.3 101 09:44 PM -0.2 -6	21 Th	04:31 AM 3.6 110 10:42 AM 1.0 30 04:51 PM 3.1 94 10:49 PM 0.7 21	
7 M	03:54 AM 4.3 131 10:10 AM 0.1 3 04:12 PM 3.4 104 10:16 PM -0.5 -15	22 Tu	04:58 AM 3.6 110 11:17 AM 0.6 18 05:05 PM 2.8 85 11:04 PM 0.1 3		7 Th	05:41 AM 4.6 140 12:00 PM -0.3 -9 05:58 PM 3.5 107	22 F	05:58 AM 3.9 119 12:10 PM 0.5 15 06:09 PM 3.3 101		7 Th	04:25 AM 4.3 131 10:43 AM 0.1 3 04:47 PM 3.4 104 10:50 PM -0.4 -12	22 F	05:28 AM 3.7 113 11:36 AM 0.9 27 05:46 PM 3.3 101 11:45 PM 0.5 15	
8 Tu	04:56 AM 4.6 140 11:14 AM -0.1 -3 05:13 PM 3.5 107 11:16 PM -0.8 -24	23 W	05:46 AM 3.8 116 12:06 PM 0.5 15 05:53 PM 2.9 88 11:52 PM 0.0 0		8 F	12:02 AM -0.9 -27 06:37 AM 4.8 146 12:56 PM -0.6 -18 06:54 PM 3.7 113	23 Sa	12:09 AM 0.0 0 06:42 AM 4.2 128 12:52 PM 0.3 9 06:53 PM 3.6 110		8 F	05:27 AM 4.4 134 11:43 AM -0.2 -6 05:46 PM 3.7 113 11:52 PM -0.6 -18	23 Sa	06:19 AM 3.9 119 12:25 PM 0.6 18 06:35 PM 3.6 110	
9 W	05:55 AM 4.9 149 12:16 PM -0.4 -12 06:12 PM 3.6 110	24 Th	06:31 AM 4.0 122 12:48 PM 0.4 12 06:39 PM 3.1 94		9 Sa	12:59 AM -1.2 -37 07:30 AM 4.9 149 01:46 PM -0.8 -24 07:47 PM 3.9 119	24 Su	12:55 AM -0.2 -6 07:24 AM 4.3 131 01:31 PM 0.0 0 07:37 PM 3.9 119		9 Sa	06:22 AM 4.5 137 12:36 PM -0.4 -12 06:40 PM 3.9 119	24 Su	12:37 AM 0.2 6 07:05 AM 4.1 125 01:10 PM 0.4 12 07:21 PM 4.0 122	
10 Th	12:15 AM -1.0 -30 06:51 AM 5.1 155 01:12 PM -0.7 -21 07:08 PM 3.8 116	25 F	12:38 AM -0.2 -6 07:13 AM 4.2 128 01:27 PM 0.2 6 07:22 PM 3.3 101		10 Su	01:51 AM -1.3 -40 08:20 AM 4.8 146 02:32 PM -0.9 -27 08:37 PM 4.1 125	25 M	01:38 AM -0.4 -12 08:05 AM 4.5 137 02:09 PM -0.2 -6 08:19 PM 4.1 125		10 Su	12:48 AM -0.8 -24 08:12 AM 4.5 137 02:22 PM -0.6 -18 08:30 PM 4.2 128	25 M	01:27 AM 0.0 0 07:49 AM 4.3 131 01:52 PM 0.1 3 08:06 PM 4.4 134	
11 F	01:11 AM -1.3 -40 07:45 AM 5.2 158 02:04 PM -0.9 -27 08:03 PM 3.9 119	26 Sa	01:20 AM -0.3 -9 07:54 AM 4.4 134 02:05 PM 0.0 0 08:05 PM 3.5 107		11 M	02:41 AM -1.3 -40 09:07 AM 4.7 143 03:16 PM -0.9 -27 09:25 PM 4.2 128	26 Tu	02:21 AM -0.6 -18 08:45 AM 4.5 137 02:48 PM -0.3 -9 09:02 PM 4.3 131		11 M	02:39 AM -0.9 -27 08:59 AM 4.5 137 03:05 PM -0.7 -21 09:16 PM 4.4 134	26 Tu	02:14 AM -0.3 -9 08:32 AM 4.4 134 02:34 PM -0.2 -6 08:51 PM 4.7 143	
12 Sa	02:04 AM -1.4 -43 08:37 AM 5.2 158 02:54 PM -1.0 -30 08:56 PM 4.0 122	27 Su	02:02 AM -0.4 -12 08:34 AM 4.5 137 02:42 PM -0.1 -3 08:46 PM 3.6 110		12 Tu	03:29 AM -1.1 -34 09:52 AM 4.5 137 03:58 PM -0.8 -24 10:12 PM 4.2 128	27 W	03:05 AM -0.6 -18 09:26 AM 4.5 137 03:27 PM -0.4 -12 09:45 PM 4.5 137		12 Tu	03:26 AM -0.9 -27 09:43 AM 4.3 131 03:46 PM -0.7 -21 10:01 PM 4.4 134	27 W	03:00 AM -0.5 -15 09:16 AM 4.5 137 03:16 PM -0.4 -12 09:36 PM 4.9 149	
13 Su	02:56 AM -1.4 -43 09:28 AM 5.1 155 03:42 PM -1.0 -30 09:47 PM 4.0 122	28 M	02:42 AM -0.5 -15 09:13 AM 4.5 137 03:19 PM -0.2 -6 09:28 PM 3.8 116		13 W	04:17 AM -0.8 -24 10:35 AM 4.2 128 04:41 PM -0.6 -18 10:57 PM 4.1 125	28 Th	03:50 AM -0.6 -18 10:08 AM 4.4 134 04:09 PM -0.4 -12 10:29 PM 4.6 140		13 W	04:10 AM -0.8 -24 10:25 AM 4.2 128 04:25 PM -0.6 -18 10:44 PM 4.4 134	28 Th	03:46 AM -0.6 -18 10:01 AM 4.5 137 03:58 PM -0.5 -15 10:22 PM 5.1 155	
14 M	03:48 AM -1.2 -37 10:16 AM 4.8 146 04:29 PM -0.9 -27 10:38 PM 4.0 122	29 Tu	03:24 AM -0.4 -12 09:52 AM 4.5 137 03:58 PM -0.2 -6 10:09 PM 3.9 119		14 Th	05:05 AM -0.5 -15 11:18 AM 3.8 116 05:24 PM -0.4 -12 11:42 PM 3.9 119				14 Th	04:54 AM -0.6 -18 11:06 AM 4.0 122 05:05 PM -0.4 -12 11:26 PM 4.3 131	29 F	04:33 AM -0.6 -18 10:46 AM 4.4 134 04:43 PM -0.5 -15 11:09 PM 5.2 158	
15 Tu	04:39 AM -0.9 -27 11:03 AM 4.4 134 05:17 PM -0.7 -21 11:27 PM 3.9 119	30 W	04:07 AM -0.4 -12 10:32 AM 4.3 131 04:38 PM -0.3 -9 10:52 PM 4.0 122		15 F	05:54 AM -0.1 -3 12:01 PM 3.5 107 06:09 PM -0.1 -3				15 F	05:38 AM -0.3 -9 11:47 AM 3.7 113 05:45 PM -0.1 -3	30 Sa	05:23 AM -0.5 -15 11:33 AM 4.2 128 05:30 PM -0.5 -15 11:58 PM 5.1 155	
		31 Th	04:54 AM -0.2 -6 11:13 AM 4.1 125 05:21 PM -0.2 -6 11:38 PM 4.0 122									31 Su	06:17 AM -0.3 -9 12:22 PM 3.9 119 06:22 PM -0.3 -9	



Great Machipongo Inlet (inside), 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	12:51 AM 07:14 AM 01:15 PM 07:20 PM	4.9 -0.1 3.7 -0.2	149 -3 113 -6	16 Tu	01:05 AM 07:25 AM 01:27 PM 07:25 PM	4.1 0.7 3.2 0.8	125 21 98 24	1 W	01:34 AM 08:00 AM 02:04 PM 08:09 PM	4.8 -0.1 3.7 0.0	146 -3 113 0	16 Th	01:20 AM 07:40 AM 01:46 PM 07:43 PM	4.1 0.8 3.4 2.7	125 24 104 27	1 Sa	03:13 AM 09:31 AM 03:56 PM 10:02 PM	4.0 0.0 3.9 2.9	122 0 119 12	16 Su	02:19 AM 08:35 AM 02:56 PM 09:02 PM	4.0 0.5 3.9 0.8	122 15 119 24			
2 Tu	01:48 AM 08:15 AM 02:15 PM 08:21 PM	4.7 0.1 3.5 0.0	143 3 107 0	17 W	01:54 AM 08:15 AM 02:17 PM 08:18 PM	3.9 0.9 3.1 0.9	119 27 94 27	2 Th	02:35 AM 09:00 AM 03:09 PM 09:14 PM	4.5 0.1 3.7 0.2	137 3 113 6	17 F	02:07 AM 08:27 AM 02:38 PM 08:37 PM	4.0 0.8 3.4 1.0	122 24 104 30	2 Su	04:14 AM 10:25 AM 04:58 PM 11:07 PM	3.7 0.1 4.0 4.2	113 3 122 12	17 M	03:12 AM 09:24 AM 03:52 PM 10:01 PM	3.8 0.4 4.1 0.7	116 12 125 21			
3 W	02:52 AM 09:18 AM 03:21 PM 09:27 PM	4.4 0.2 3.4 0.0	134 6 104 0	18 Th	02:47 AM 09:06 AM 03:13 PM 09:13 PM	3.8 1.0 3.2 0.9	116 30 98 27	3 F	03:39 AM 09:59 AM 04:18 PM 10:21 PM	4.2 0.1 3.7 0.2	128 3 113 6	18 Sa	02:59 AM 09:15 AM 03:33 PM 09:34 PM	3.9 0.8 3.6 0.9	119 24 110 27	3 M	05:13 AM 11:16 AM 05:53 PM	3.5 0.1 4.2	107 3 128	18 Tu	04:09 AM 10:15 AM 04:50 PM 11:02 PM	3.8 0.3 4.5 0.6	116 9 137 18			
4 Th	04:00 AM 10:21 AM 04:31 PM 10:34 PM	4.3 0.2 3.5 0.0	131 6 107 0	19 F	03:44 AM 09:57 AM 04:12 PM 10:10 PM	3.7 1.0 3.3 0.9	113 30 101 27	4 Sa	04:45 AM 10:57 AM 12:39 PM 11:26 PM	4.0 0.1 3.9 0.2	122 3 119 6	19 Su	03:54 AM 10:04 AM 04:29 PM 10:32 PM	3.8 0.6 3.9 0.8	116 18 119 24	4 Tu	12:08 AM 06:06 AM 12:05 PM 06:41 PM	0.4 3.4 0.1 4.3	12 104 3 131	19 W	05:08 AM 11:09 AM 05:47 PM	3.8 0.0 4.8	116 0 146			
5 F	05:08 AM 11:23 AM 05:37 PM 11:40 PM	4.2 0.1 3.7 -0.1	128 3 113 -3	20 Sa	04:41 AM 10:48 AM 05:08 PM 11:08 PM	3.8 0.8 3.6 0.7	116 24 110 21	5 Su	05:44 AM 11:50 AM 06:17 PM	3.9 0.1 4.1	119 3 125	20 M	04:49 AM 10:54 AM 05:24 PM 11:31 PM	3.9 0.4 4.3 0.5	119 12 131 15	5 W	01:03 AM 06:53 AM 12:51 PM 07:24 PM	0.4 3.4 0.1 4.4	12 104 3 134	20 Th	12:03 AM 06:05 AM 12:05 PM 06:42 PM	0.3 3.8 -0.2 5.2	9 116 -6 158			
6 Sa	06:09 AM 12:19 PM 06:34 PM	4.2 0.0 3.9	128 0 119	21 Su	05:34 AM 11:38 AM 06:00 PM	3.9 0.6 4.0	119 18 122	6 M	12:28 AM 06:37 AM 12:39 PM 07:05 PM	0.1 3.8 0.0 4.3	3 116 0 131	21 Tu	05:44 AM 11:45 AM 06:16 PM	3.9 0.2 4.7	119 6 143	6 Th	01:50 AM 07:37 AM 01:34 PM 08:05 PM	0.3 3.4 0.1 4.6	9 104 3 140	21 F	01:02 AM 07:01 AM 01:01 PM 07:37 PM	0.0 3.9 -0.5 5.5	0 119 -15 168			
7 Su	12:41 AM 07:02 AM 01:10 PM 07:24 PM	-0.2 4.1 -0.2 4.2	-6 125 -6 128	22 M	12:04 AM 06:24 AM 12:26 PM 06:48 PM	0.4 4.1 0.3 4.4	12 125 9 134	7 Tu	01:22 AM 07:23 AM 01:23 PM 07:48 PM	0.0 3.7 -0.1 4.5	0 113 -3 137	22 W	12:29 AM 06:36 AM 12:36 PM 07:07 PM	0.2 4.0 -0.1 5.1	6 122 -3 155	7 F	02:31 AM 08:19 AM 02:15 PM 08:45 PM	0.3 3.4 0.1 4.6	9 104 3 140	22 Sa	01:59 AM 07:57 AM 01:57 PM 08:31 PM	-0.3 4.1 -0.8 5.7	-9 125 -24 174			
8 M	01:36 AM 07:50 AM 01:55 PM 08:10 PM	-0.4 4.1 -0.3 4.4	-12 125 -9 134	23 Tu	12:57 AM 07:57 AM 01:13 PM 07:35 PM	0.1 4.2 0.0 4.8	3 128 0 146	8 W	02:09 AM 08:06 AM 02:04 PM 08:29 PM	0.0 3.7 -0.1 4.6	0 113 -3 140	23 Th	01:24 AM 07:28 AM 01:27 PM 07:58 PM	-0.1 4.1 -0.4 5.5	-3 125 -12 168	8 Sa	03:09 AM 09:01 AM 02:54 PM 09:26 PM	0.2 3.4 0.1 4.7	6 104 3 143	23 Su	02:53 AM 08:52 AM 02:51 PM 09:25 PM	-0.6 4.2 -0.9 5.8	-18 128 -27 177			
9 Tu	02:25 AM 08:34 AM 02:36 PM 08:53 PM	-0.5 4.1 -0.4 4.6	-15 125 -12 140	24 W	01:49 AM 07:59 AM 01:59 PM 08:23 PM	-0.2 4.3 -0.3 5.2	-6 131 -9 158	9 Th	02:51 AM 08:48 AM 02:44 PM 09:09 PM	-0.1 3.7 -0.1 4.7	-3 113 -3 143	24 F	02:18 AM 08:20 AM 02:18 PM 08:49 PM	-0.4 4.2 -0.6 5.7	-12 128 -18 174	9 Su	03:46 AM 09:43 AM 03:34 PM 10:07 PM	0.2 3.5 0.1 4.7	6 107 3 143	24 M	03:45 AM 09:47 AM 03:45 PM 10:18 PM	-0.7 4.2 -1.0 5.7	-21 128 -30 174			
10 W	03:09 AM 07:50 AM 03:15 PM 09:35 PM	-0.5 4.0 -0.3 4.6	-15 122 -9 140	25 Th	02:38 AM 08:12 AM 02:45 PM 09:11 PM	-0.5 4.4 -0.5 5.4	-15 134 -15 165	10 F	03:30 AM 09:29 AM 03:22 PM 09:50 PM	0.0 3.6 0.0 4.7	0 110 0 143	25 Sa	03:10 AM 09:12 AM 03:09 PM 09:42 PM	-0.6 4.2 -0.8 5.8	-18 128 -24 177	10 M	04:23 AM 09:43 AM 04:13 PM 10:47 PM	0.3 3.5 0.2 4.6	9 107 6 140	25 Tu	04:37 AM 09:47 AM 04:39 PM 11:11 PM	-0.7 4.3 -0.9 5.5	-21 131 -27 168			
11 Th	03:50 AM 09:57 AM 03:53 PM 10:16 PM	-0.4 3.9 -0.2 4.6	-12 119 -6 140	26 F	03:28 AM 09:36 AM 03:32 PM 10:00 PM	-0.6 4.4 -0.6 5.6	-18 134 -18 171	11 Sa	04:08 AM 10:09 AM 04:00 PM 10:31 PM	0.0 3.6 0.1 4.7	0 110 3 143	26 Su	04:02 AM 10:06 AM 04:01 PM 10:35 PM	-0.7 4.2 -0.8 5.7	-21 128 -24 174	11 Tu	05:02 AM 11:07 AM 04:54 PM 11:27 PM	0.4 3.5 0.4 4.5	12 107 12 137	26 W	05:29 AM 11:37 AM 05:35 PM	-0.7 4.3 -0.6	-21 131 -18			
12 F	04:31 AM 10:37 AM 04:31 PM 10:57 PM	-0.3 3.8 -0.1 4.6	-9 116 -3 140	27 Sa	04:18 AM 10:25 AM 04:20 PM 10:51 PM	-0.7 4.3 -0.6 5.6	-21 131 -18 171	12 Su	04:47 AM 10:51 AM 04:40 PM 11:12 PM	0.2 3.5 0.2 4.6	6 107 6 140	27 M	04:55 AM 10:59 AM 04:55 PM 11:28 PM	-0.7 4.2 -0.7 5.5	-21 128 -21 168	12 W	05:42 AM 11:48 AM 05:37 PM	0.5 3.5 0.5	15 107 15	27 Th	12:02 AM 06:21 AM 12:31 PM 06:33 PM	5.2 -0.6 4.2 -0.3	158 -18 128 -9			
13 Sa	05:12 AM 11:18 AM 05:10 PM 11:38 PM	0.0 3.6 0.1 4.4	0 110 3 134	28 Su	05:09 AM 11:16 AM 05:11 PM 11:43 PM	-0.6 4.2 -0.6 5.4	-18 128 -18 165	13 M	05:28 AM 11:32 AM 05:21 PM 11:53 PM	0.3 3.5 0.4 4.4	9 107 12 134	28 Tu	05:48 AM 11:54 AM 05:51 PM	-0.6 4.1 -0.5	-18 125 -15	13 Th	12:08 AM 06:23 AM 12:31 PM 06:22 PM	4.4 0.5 3.6 0.7	134 15 110 21	28 F	12:54 AM 07:13 AM 01:26 PM 07:33 PM	4.7 -0.4 4.1 0.0	143 -12 125 0			
14 Su	05:54 AM 11:59 AM 05:52 PM	0.2 3.5 0.3	6 107 9	29 M	06:04 AM 12:08 PM 06:06 PM	-0.4 4.0 -0.4	-12 122 -12	14 Tu	06:10 AM 12:14 PM 06:04 PM	0.5 3.4 0.6	15 104 18	29 W	12:21 AM 06:44 AM 12:50 PM 06:51 PM	5.2 -0.4 4.0 -0.3	158 -12 122 -9	14 F	12:48 AM 07:05 AM 01:15 PM 07:12 PM	4.3 0.6 3.6 0.8	131 18 110 24	29 Sa	01:46 AM 08:06 AM 02:24 PM 08:34 PM	4.3 -0.2 4.1 0.3	131 -6 125 9			
15 M	12:21 AM 06:38 AM 12:41 PM 06:36 PM	4.3 0.5 3.3 0.6	131 15 101 18	30 Tu	12:37 AM 07:01 AM 01:04 PM 07:06 PM	5.2 -0.2 3.8 -0.2	158 -6 116 -6	15 W	12:35 AM 06:54 AM 12:58 PM 06:52 PM	4.3 0.7 3.4 0.8	131 21 104 24	30 Th	01:16 AM 07:40 AM 01:49 PM 07:53 PM	4.8 -0.3 3.9 0.0	146 -9 119 0	15 Sa	01:31 AM 07:49 AM 02:03 PM 08:05 PM	4.1 0.6 3.7 0.9	125 18 113 27	30 Su	02:40 AM 08:57 AM 03:24 PM 09:37 PM	3.8 0.0 4.0 0.5	116 0 122 15			
								31 F	02:13 AM 08:36 AM 02:51 PM 08:57 PM	4.4 -0.1 3.9 0.2	134 -3 119 6															

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:*1.25 high: * 1.16) Time offset in mins (low:56 high: 65)



Great Machipongo Inlet (inside), Virginia, 2013

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	
h	m	ft	cm	h	m	ft	cm	h	m	ft	cm	h	m	ft	cm
1	03:38 AM	3.5	107	16	02:37 AM	3.8	116	1	04:55 AM	3.1	94	16	04:18 AM	3.6	110
M	09:48 AM	0.2	6	Tu	08:50 AM	0.3	9	Th	10:53 AM	0.6	18	F	10:22 AM	0.2	6
	04:25 PM	4.0	122		03:20 PM	4.4	134		05:40 PM	4.1	125		05:04 PM	4.9	149
	10:40 PM	0.7	21		09:35 PM	0.7	21						11:24 PM	0.5	15
2	04:36 AM	3.3	101	17	03:36 AM	3.7	113	2	12:04 AM	1.0	30	17	05:24 AM	3.8	116
Tu	10:39 AM	0.3	9	W	09:44 AM	0.2	6	F	05:50 AM	3.1	94	Sa	11:26 AM	0.0	0
	05:22 PM	4.1	125		04:21 PM	4.6	140		11:45 AM	0.6	18		06:06 PM	5.1	155
	11:41 PM	0.7	21		10:38 PM	0.6	18		06:30 PM	4.2	128				
3	05:32 AM	3.1	94	18	04:39 AM	3.7	113	3	12:54 AM	0.9	27	18	12:26 AM	0.3	9
W	11:29 AM	0.3	9	Th	10:42 AM	0.0	0	Sa	06:39 AM	3.3	101	Su	06:26 AM	4.0	122
	06:13 PM	4.2	128		05:23 PM	4.9	149		12:35 PM	0.5	15		12:28 PM	-0.3	-9
					11:41 PM	0.4	12		07:14 PM	4.4	134		07:04 PM	5.3	162
4	12:38 AM	0.7	21	19	05:41 AM	3.7	113	4	01:37 AM	0.8	24	19	01:23 AM	0.0	0
Th	06:22 AM	3.1	94	F	11:42 AM	-0.2	-6	Su	07:24 AM	3.5	107	M	07:24 AM	4.2	128
	12:18 PM	0.3	9		06:22 PM	5.2	158		01:22 PM	0.4	12		01:28 PM	-0.5	-15
	06:58 PM	4.3	131						07:56 PM	4.6	140		07:58 PM	5.4	165
5	01:26 AM	0.6	18	20	12:43 AM	0.1	-3	5	02:14 AM	0.7	21	20	02:15 AM	-0.3	-9
F	07:08 AM	3.2	98	Sa	06:41 AM	3.9	119	M	08:08 AM	3.7	113	Tu	08:18 AM	4.5	137
	01:04 PM	0.3	9		12:42 PM	-0.5	-15		02:05 PM	0.3	9		02:23 PM	-0.7	-21
	07:41 PM	4.4	134		07:19 PM	5.4	165		08:36 PM	4.7	143		08:50 PM	5.4	165
6	02:07 AM	0.5	15	21	01:41 AM	-0.2	-6	6	02:50 AM	0.5	15	21	03:03 AM	-0.5	-15
Sa	07:52 AM	3.3	101	Su	07:38 AM	4.1	125	Tu	08:50 AM	3.9	119	W	09:11 AM	4.7	143
	01:48 PM	0.2	6		01:40 PM	-0.7	-21		02:46 PM	0.2	6		03:16 PM	-0.8	-24
	08:22 PM	4.6	140		08:14 PM	5.6	171		09:16 PM	4.8	146		09:39 PM	5.3	162
7	02:45 AM	0.4	12	22	02:35 AM	-0.5	-15	7	03:26 AM	0.4	12	22	03:49 AM	-0.6	-18
Su	08:35 AM	3.4	104	M	08:34 AM	4.3	131	W	09:32 AM	4.0	122	Th	10:01 AM	4.8	146
	02:30 PM	0.2	6		02:36 PM	-0.9	-27		03:27 PM	0.2	6		04:06 PM	-0.7	-21
	09:03 PM	4.7	143		09:08 PM	5.6	171		09:55 PM	4.8	146		10:27 PM	5.1	155
8	03:21 AM	0.4	12	23	03:26 AM	-0.6	-18	8	04:02 AM	0.3	9	23	04:34 AM	-0.5	-15
M	09:59 AM	3.6	110	Tu	09:29 AM	4.4	134	Th	10:12 AM	4.2	128	F	10:50 AM	4.9	149
	03:10 PM	0.1	3		03:30 PM	-1.0	-30		04:08 PM	0.2	6		04:56 PM	-0.4	-12
	09:43 PM	4.7	143		10:00 PM	5.5	168		10:33 PM	4.7	143		11:13 PM	4.7	143
9	03:57 AM	0.3	9	24	04:15 AM	-0.7	-21	9	04:38 AM	0.3	9	24	05:18 AM	-0.3	-9
Tu	09:59 AM	3.7	113	W	10:23 AM	4.5	137	F	10:53 AM	4.3	131	Sa	11:38 AM	4.8	146
	03:50 PM	0.2	6		04:23 PM	-0.9	-27		04:49 PM	0.3	9		05:47 PM	-0.1	-3
	10:22 PM	4.7	143		10:50 PM	5.3	162		11:12 PM	4.6	140		11:58 PM	4.4	134
10	04:34 AM	0.3	9	25	05:03 AM	-0.7	-21	10	05:16 AM	0.3	9	25	06:03 AM	-0.1	-3
W	10:40 AM	3.8	116	Th	11:15 AM	4.6	140	Sa	10:12 AM	4.4	134	Su	12:25 PM	4.7	143
	04:30 PM	0.3	9		05:17 PM	-0.6	-18		05:34 PM	0.4	12		06:39 PM	0.3	9
	11:01 PM	4.6	140		11:39 PM	5.0	152		11:51 PM	4.5	137				
11	05:11 AM	0.3	9	26	05:51 AM	-0.5	-15	11	05:57 AM	0.3	9	26	12:43 AM	4.0	122
Th	11:21 AM	3.8	116	F	12:06 PM	4.5	137	Su	12:17 PM	4.5	137	M	06:50 AM	0.2	6
	05:12 PM	0.4	12		06:11 PM	-0.3	-9		06:22 PM	0.5	15		01:14 PM	4.4	134
	11:40 PM	4.5	137										07:32 PM	0.6	18
12	05:50 AM	0.4	12	27	12:27 AM	4.6	140	12	12:33 AM	4.3	131	27	01:30 AM	3.7	113
F	12:03 PM	3.9	119	Sa	06:40 AM	-0.3	-9	M	06:41 AM	0.3	9	Tu	07:38 AM	0.5	15
	05:57 PM	0.5	15		12:57 PM	4.4	134		07:16 PM	0.7	21		02:05 PM	4.2	128
					07:08 PM	0.1	3						08:28 PM	0.9	27
13	12:19 AM	4.4	134	28	01:15 AM	4.1	125	13	01:19 AM	4.0	122	28	02:20 AM	3.4	104
Sa	06:30 AM	0.4	12	Su	07:29 AM	-0.1	-3	Tu	07:29 AM	0.4	12	W	08:29 AM	0.7	21
	12:45 PM	4.0	122		01:50 PM	4.2	128		01:55 PM	4.6	140		03:01 PM	4.1	125
	06:45 PM	0.7	21		08:06 PM	0.4	12		08:13 PM	0.8	24		09:26 PM	1.2	37
14	01:00 AM	4.2	128	29	02:05 AM	3.7	113	14	02:12 AM	3.8	116	29	03:17 AM	3.2	98
Su	07:13 AM	0.4	12	M	08:19 AM	0.2	6	W	08:23 AM	0.4	12	Th	09:22 AM	0.9	27
	01:31 PM	4.1	125		02:46 PM	4.1	125		02:54 PM	4.6	140		04:02 PM	4.0	122
	07:38 PM	0.7	21		09:05 PM	0.7	21		09:15 PM	0.8	24		10:24 PM	1.3	40
15	01:45 AM	4.0	122	30	02:59 AM	3.4	104	15	03:12 AM	3.7	113	30	04:17 AM	3.2	98
M	08:00 AM	0.4	12	Tu	09:09 AM	0.4	12	Th	09:21 AM	0.3	9	F	10:17 AM	0.9	27
	02:23 PM	4.2	128		03:45 PM	4.0	122		03:59 PM	4.7	143		05:02 PM	4.1	125
	08:35 PM	0.8	24		10:05 PM	0.9	27		10:19 PM	0.7	21		11:22 PM	1.3	40
				31	03:56 AM	3.2	98	31	05:16 AM	3.3	101	31	05:16 AM	3.3	101
				W	10:01 AM	0.6	18	Sa	11:12 AM	0.9	27		11:12 AM	0.9	27
					04:45 PM	4.0	122		05:55 PM	4.2	128		05:55 PM	4.2	128
					11:06 PM	1.0	30								

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:*1.25 high: * 1.16) Time offset in mins (low:56 high: 65)



Great Machipongo Inlet (inside), Virginia, 2013

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

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	12:11 AM 06:23 AM 12:21 PM 06:47 PM	1.1 34 4.0 122 0.8 24 4.5 137	16 W	12:40 AM 06:58 AM 01:07 PM 07:20 PM	0.1 3 4.6 140 0.0 0 4.6 140	1 F	12:53 AM 07:18 AM 01:28 PM 07:37 PM	0.3 9 4.9 149 0.3 9 4.4 134	16 Sa	12:44 AM 07:11 AM 01:32 PM 07:26 PM	-0.2 -6 4.8 146 0.0 0 3.8 116	1 Su	12:04 AM 06:36 AM 12:54 PM 06:54 PM	-0.3 -9 5.2 158 -0.1 -3 4.1 125
2 W	12:53 AM 07:07 AM 01:09 PM 07:30 PM	0.8 24 4.3 131 0.6 18 4.6 140	17 Th	01:27 AM 07:46 AM 01:59 PM 08:07 PM	-0.1 -3 4.9 149 -0.1 -3 4.5 137	2 Sa	01:37 AM 08:03 AM 02:16 PM 08:22 PM	0.1 3 5.2 158 0.1 3 4.5 137	17 Su	01:25 AM 07:53 AM 02:14 PM 08:08 PM	-0.2 -6 4.9 149 0.0 0 3.7 113	2 M	12:54 AM 07:26 AM 01:45 PM 07:45 PM	-0.6 -18 5.5 168 -0.4 -12 4.1 125
3 Th	01:34 AM 07:50 AM 01:55 PM 08:11 PM	0.6 18 4.7 143 0.4 12 4.7 143	18 F	02:11 AM 08:31 AM 02:47 PM 08:51 PM	-0.2 -6 5.0 152 -0.2 -6 4.4 134	3 Su	01:22 AM 07:49 AM 02:04 PM 08:09 PM	-0.2 -6 5.5 168 -0.1 -3 4.5 137	18 M	02:05 AM 08:35 AM 02:53 PM 08:50 PM	-0.2 -6 4.9 149 0.1 3 3.7 113	3 Tu	01:44 AM 08:17 AM 02:35 PM 08:36 PM	-0.8 -24 5.7 174 -0.6 -18 4.2 128
4 F	02:14 AM 08:32 AM 02:40 PM 08:53 PM	0.3 9 5.0 152 0.2 6 4.7 143	19 Sa	02:52 AM 09:15 AM 03:31 PM 09:34 PM	-0.2 -6 5.1 155 -0.1 -3 4.2 128	4 M	02:07 AM 08:36 AM 02:52 PM 08:57 PM	-0.3 -9 5.7 174 -0.2 -6 4.4 134	19 Tu	02:44 AM 09:16 AM 03:33 PM 09:32 PM	-0.1 -3 4.8 146 0.2 6 3.6 110	4 W	02:34 AM 09:09 AM 03:26 PM 09:29 PM	-0.9 -27 5.7 174 -0.6 -18 4.1 125
5 Sa	02:53 AM 09:15 AM 03:24 PM 09:36 PM	0.1 3 5.2 158 0.1 3 4.7 143	20 Su	03:32 AM 09:58 AM 04:14 PM 10:16 PM	-0.2 -6 5.1 155 0.0 0 4.1 125	5 Tu	02:53 AM 09:25 AM 03:42 PM 09:46 PM	-0.4 -12 5.7 174 -0.2 -6 4.3 131	20 W	03:24 AM 09:57 AM 04:14 PM 10:14 PM	0.1 3 4.7 143 0.4 12 3.5 107	5 Th	03:26 AM 10:01 AM 04:19 PM 10:22 PM	-0.9 -27 5.6 171 -0.6 -18 4.1 125
6 Su	03:34 AM 09:59 AM 04:10 PM 10:19 PM	0.0 0 5.4 165 0.0 0 4.6 140	21 M	04:12 AM 10:40 AM 04:56 PM 10:58 PM	0.0 0 5.0 152 0.2 6 3.9 119	6 W	03:42 AM 10:16 AM 04:34 PM 10:37 PM	-0.4 -12 5.6 171 -0.1 -3 4.2 128	21 Th	04:05 AM 10:39 AM 04:56 PM 10:56 PM	0.3 9 4.6 140 0.5 15 3.4 104	6 F	04:20 AM 10:53 AM 05:13 PM 11:17 PM	-0.8 -24 5.3 162 -0.5 -15 4.0 122
7 M	04:16 AM 10:45 AM 04:57 PM 11:05 PM	0.0 0 5.5 168 0.1 3 4.5 137	22 Tu	04:53 AM 11:23 AM 05:40 PM 11:41 PM	0.2 6 4.8 146 0.5 15 3.7 113	7 Th	04:34 AM 11:08 AM 05:30 PM 11:31 PM	-0.3 -9 5.4 165 0.0 0 4.0 122	22 F	04:48 AM 11:21 AM 05:39 PM 11:41 PM	0.5 15 4.4 134 0.7 21 3.3 101	7 Sa	05:18 AM 11:46 AM 06:08 PM	-0.5 -15 5.0 152 -0.4 -12
8 Tu	05:02 AM 12:23 PM 05:49 PM 11:53 PM	0.0 0 5.5 168 0.2 6 4.3 131	23 W	05:35 AM 12:06 PM 06:26 PM	0.5 15 4.6 140 0.8 24	8 F	05:32 AM 12:03 PM 06:29 PM	-0.1 -3 5.2 158 0.1 3	23 Sa	05:34 AM 12:05 PM 06:25 PM	0.7 21 4.2 128 0.8 24	8 Su	12:14 AM 06:19 AM 12:42 PM 07:05 PM	3.9 119 -0.3 -9 4.5 137 -0.3 -9
9 W	05:51 AM 12:23 PM 06:44 PM	0.1 3 5.3 162 0.4 12	24 Th	12:25 AM 06:20 AM 12:52 PM 07:14 PM	3.5 107 0.7 21 4.4 134 1.0 30	9 Sa	12:30 AM 06:34 AM 01:02 PM 07:28 PM	3.9 119 0.1 3 4.8 146 0.2 6	24 Su	12:28 AM 06:25 AM 12:51 PM 07:12 PM	3.3 101 0.9 27 4.0 122 0.9 27	9 M	01:15 AM 07:23 AM 01:40 PM 08:01 PM	3.8 116 0.0 0 4.1 125 -0.2 -6
10 Th	12:44 AM 06:46 AM 01:18 PM 07:44 PM	4.1 125 0.3 9 5.1 155 0.5 15	25 F	01:11 AM 07:09 AM 01:40 PM 08:04 PM	3.4 104 1.0 30 4.2 128 1.2 37	10 Su	01:33 AM 07:39 AM 02:04 PM 08:28 PM	3.8 116 0.3 9 4.5 137 0.2 6	25 M	01:19 AM 07:18 AM 01:41 PM 07:59 PM	3.3 101 1.0 30 3.8 116 0.8 24	10 Tu	02:21 AM 08:28 AM 02:41 PM 08:56 PM	3.8 116 0.2 6 3.8 116 -0.1 -3
11 F	01:42 AM 07:47 AM 02:18 PM 08:46 PM	3.9 119 4.4 12 4.9 149 0.6 18	26 Sa	02:02 AM 08:02 AM 02:32 PM 08:55 PM	3.3 101 1.1 34 4.1 125 1.2 37	11 M	02:42 AM 08:46 AM 03:09 PM 09:26 PM	3.9 119 0.4 12 4.3 131 0.2 6	26 Tu	02:15 AM 08:14 AM 02:34 PM 08:47 PM	3.5 107 1.0 30 3.8 116 0.7 21	11 W	03:27 AM 09:35 AM 03:43 PM 09:51 PM	3.9 119 0.3 9 3.5 107 -0.1 -3
12 Sa	02:46 AM 08:52 AM 03:24 PM 09:49 PM	3.8 116 0.5 15 4.8 146 0.6 18	27 Su	02:59 AM 08:58 AM 03:28 PM 09:46 PM	3.3 101 1.2 37 4.0 122 1.2 37	12 Tu	03:50 AM 09:52 AM 04:12 PM 10:21 PM	4.0 122 0.3 9 4.1 125 0.1 3	27 W	03:11 AM 09:11 AM 03:29 PM 09:35 PM	3.7 113 0.9 27 3.7 113 0.6 18	12 Th	04:29 AM 10:40 AM 04:41 PM 10:43 PM	4.0 122 0.3 9 3.3 101 -0.1 -3
13 Su	03:55 AM 09:58 AM 04:31 PM 10:50 PM	3.8 116 0.4 12 4.6 140 0.5 15	28 M	03:58 AM 09:55 AM 04:24 PM 10:35 PM	3.5 107 1.2 37 4.0 122 1.1 34	13 W	04:50 AM 10:57 AM 05:08 PM 11:13 PM	4.3 131 0.3 9 4.0 122 0.0 0	28 Th	04:06 AM 10:09 AM 04:22 PM 10:24 PM	4.0 122 0.8 24 3.8 116 0.3 9	13 F	05:22 AM 11:40 AM 05:33 PM 11:33 PM	4.2 128 0.2 6 3.3 101 -0.1 -3
14 M	05:03 AM 11:05 AM 05:34 PM 11:47 PM	4.0 122 0.3 9 4.6 140 0.3 9	29 Tu	04:55 AM 10:51 AM 05:17 PM 11:22 PM	3.7 113 1.1 34 4.1 125 0.9 27	14 Th	05:42 AM 11:55 AM 05:58 PM	4.5 137 0.2 6 3.9 119	29 F	04:57 AM 11:06 AM 05:14 PM 11:14 PM	4.4 134 0.5 15 3.9 119 0.0 0	14 Sa	06:09 AM 12:32 PM 06:19 PM	4.3 131 0.2 6 3.3 101
15 Tu	06:04 AM 12:08 PM 06:30 PM	4.3 131 0.2 6 4.6 140	30 W	05:46 AM 11:46 AM 06:05 PM	4.1 125 0.9 27 4.2 128	15 F	12:00 AM 06:28 AM 12:46 PM 06:43 PM	-0.1 -3 4.7 143 0.0 0 3.8 116	30 Sa	05:47 AM 12:01 PM 06:04 PM	4.8 146 0.2 6 4.0 122	15 Su	12:18 AM 06:52 AM 01:16 PM 07:02 PM	-0.2 -6 4.4 134 0.1 3 3.3 101
			31 Th	12:08 AM 06:33 AM 12:38 PM 06:51 PM	0.6 18 4.5 137 0.6 18 4.3 131							31 Tu	12:32 AM 07:07 AM 01:26 PM 07:24 PM	-0.9 -27 5.3 162 -0.6 -18 3.9 119

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