



NOAA Tide Predictions

Great Machipongo Inlet (inside), Virginia, 2014

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,2014

Times and Heights of High and Low Waters

| January | | | | | February | | | | | March | | | | | |
|---------|----------|------|-------|-------|----------|------|-------|------|----------|-------|-------|-------|----------|------|-------|
| 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 W | 01:27 AM | -1.2 | -37 | 16 Th | 02:00 AM | -0.4 | -12 | 1 Sa | 09:27 AM | 5.1 | 155 | 16 Su | 09:22 AM | 4.3 | 131 |
| | 08:01 AM | 5.5 | 168 | | 08:32 AM | 4.3 | 131 | | 03:37 PM | -1.2 | -37 | | 02:25 PM | -1.1 | -34 |
| | 02:19 PM | -0.9 | -27 | | 02:44 PM | 0.0 | 0 | | 09:48 PM | 4.4 | 134 | | 08:36 PM | 4.6 | 140 |
| | 08:20 PM | 4.1 | 125 | | 08:43 PM | 3.4 | 104 | | | | | | | | |
| 2 Th | 02:20 AM | -1.3 | -40 | 17 F | 02:39 AM | -0.4 | -12 | 2 Su | 03:51 AM | -1.4 | -43 | 17 M | 03:35 AM | -0.3 | -9 |
| | 08:53 AM | 5.5 | 168 | | 09:11 AM | 4.3 | 131 | | 10:16 AM | 4.8 | 146 | | 09:59 AM | 4.2 | 128 |
| | 03:10 PM | -1.0 | -30 | | 03:20 PM | 0.0 | 0 | | 04:26 PM | -1.1 | -34 | | 04:00 PM | -0.1 | -3 |
| | 09:14 PM | 4.1 | 125 | | 09:24 PM | 3.5 | 107 | | 10:39 PM | 4.3 | 131 | | 10:16 PM | 4.0 | 122 |
| 1 Sa | 01:52 AM | -1.4 | -43 | 18 Sa | 03:17 AM | -0.3 | -9 | 3 M | 04:45 AM | -1.1 | -34 | 3 M | 03:35 AM | -1.2 | -37 |
| | 08:16 AM | 4.9 | 149 | | 09:49 AM | 4.3 | 131 | | 11:04 AM | 4.5 | 137 | | 09:53 AM | 4.6 | 140 |
| | 02:25 PM | -1.1 | -34 | | 03:56 PM | 0.0 | 0 | | 05:15 PM | -0.9 | -27 | | 03:56 PM | -1.0 | -30 |
| | 08:36 PM | 4.6 | 140 | | 10:04 PM | 3.5 | 107 | | 11:31 PM | 4.2 | 128 | | 10:15 PM | 4.6 | 140 |



Great Machipongo Inlet (inside), Virginia, 2014

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 W | 01:54 AM 3.8 116 08:00 AM 0.7 21 02:31 PM 4.8 146 08:57 PM 0.9 27 | 16 Th | 03:05 AM 3.3 101 09:08 AM 1.0 30 03:39 PM 4.0 122 10:04 PM 1.1 34 | 1 Sa | 03:50 AM 3.9 119 09:54 AM 0.4 12 04:20 PM 4.6 140 10:36 PM 0.3 9 | 16 Su | 03:21 AM 3.5 107 09:19 AM 1.1 34 03:41 PM 3.7 113 09:49 PM 0.8 24 | 1 M | 03:39 AM 4.1 125 09:46 AM 0.2 6 03:59 PM 3.9 119 10:08 PM -0.2 -6 | 16 Tu | 03:29 AM 3.6 110 09:30 AM 0.9 27 03:43 PM 3.4 104 09:46 PM 0.4 12 |
| 2 Th | 02:57 AM 3.8 116 09:03 AM 0.7 21 03:36 PM 4.8 146 09:58 PM 0.8 24 | 17 F | 04:07 AM 3.4 104 10:06 AM 1.1 34 04:38 PM 4.0 122 10:55 PM 1.1 34 | 2 Su | 03:56 AM 4.2 128 09:59 AM 0.3 9 04:22 PM 4.5 137 10:33 PM 0.0 0 | 17 M | 04:15 AM 3.7 113 10:14 AM 1.0 30 04:31 PM 3.7 113 10:34 PM 0.7 21 | 2 Tu | 04:40 AM 4.4 134 10:51 AM 0.1 3 04:57 PM 3.8 116 11:02 PM -0.4 -12 | 17 W | 04:22 AM 3.9 119 10:26 AM 0.7 21 04:35 PM 3.4 104 10:35 PM 0.3 9 |
| 3 F | 04:04 AM 3.9 119 10:07 AM 0.5 15 04:41 PM 4.8 146 10:59 PM 0.6 18 | 18 Sa | 05:06 AM 3.5 107 11:02 AM 1.1 34 05:31 PM 4.0 122 11:41 PM 1.0 30 | 3 M | 04:56 AM 4.6 140 11:03 AM 0.1 3 05:19 PM 4.5 137 11:27 PM -0.2 -6 | 18 Tu | 05:03 AM 4.1 125 11:07 AM 0.8 24 05:18 PM 3.8 116 11:19 PM 0.5 15 | 3 W | 05:36 AM 4.6 140 11:52 AM -0.1 -3 05:51 PM 3.8 116 11:54 PM -0.5 -15 | 18 Th | 05:12 AM 4.2 128 11:21 AM 0.5 15 05:25 PM 3.5 107 11:24 PM 0.0 0 |
| 4 Sa | 05:10 AM 4.1 125 11:12 AM 0.3 9 05:43 PM 4.9 149 11:57 PM 0.3 9 | 19 Su | 05:56 AM 3.8 116 11:55 AM 1.0 30 06:17 PM 4.1 125 | 4 Tu | 05:51 AM 4.9 149 12:03 PM -0.2 -6 06:12 PM 4.5 137 | 19 W | 05:48 AM 4.4 134 11:56 AM 0.6 18 06:03 PM 3.9 119 | 4 Th | 06:26 AM 4.8 146 12:47 PM -0.2 -6 06:41 PM 3.7 113 | 19 F | 05:59 AM 4.5 137 12:13 PM 0.3 9 06:14 PM 3.6 110 |
| 5 Su | 06:10 AM 4.5 137 12:15 PM 0.0 0 06:40 PM 5.0 152 | 20 M | 12:24 AM 0.9 27 06:40 AM 4.1 125 12:44 PM 0.8 24 07:00 PM 4.2 128 | 5 W | 12:17 AM -0.4 -12 06:42 AM 5.2 158 12:58 PM -0.3 -9 07:02 PM 4.4 134 | 20 Th | 12:02 AM 0.3 9 06:31 AM 4.7 143 12:43 PM 0.4 12 06:47 PM 4.0 122 | 5 F | 12:43 AM -0.6 -18 07:14 AM 4.9 149 01:36 PM -0.3 -9 07:29 PM 3.7 113 | 20 Sa | 12:13 AM -0.3 -9 06:47 AM 4.9 149 01:03 PM 0.0 0 07:02 PM 3.8 116 |
| 6 M | 12:51 AM -0.1 -3 07:06 AM 4.9 149 01:15 PM -0.3 -9 07:33 PM 5.1 155 | 21 Tu | 01:03 AM 0.7 21 07:22 AM 4.4 134 01:29 PM 0.6 18 07:40 PM 4.3 131 | 6 Th | 01:05 AM -0.6 -18 07:31 AM 5.3 162 01:49 PM -0.4 -12 07:50 PM 4.3 131 | 21 F | 12:45 AM 0.1 3 07:14 AM 5.0 152 01:28 PM 0.2 6 07:31 PM 4.1 125 | 6 Sa | 01:29 AM -0.6 -18 08:00 AM 5.0 152 02:21 PM -0.3 -9 08:15 PM 3.6 110 | 21 Su | 01:01 AM -0.5 -15 07:34 AM 5.1 155 01:51 PM -0.3 -9 07:51 PM 3.9 119 |
| 7 Tu | 01:42 AM -0.4 -12 07:58 AM 5.2 158 02:10 PM -0.5 -15 08:23 PM 5.0 152 | 22 W | 01:42 AM 0.5 15 08:02 AM 4.7 143 02:11 PM 0.4 12 08:21 PM 4.4 134 | 7 F | 01:51 AM -0.6 -18 08:18 AM 5.4 165 02:36 PM -0.4 -12 08:37 PM 4.2 128 | 22 Sa | 01:28 AM -0.1 -3 08:43 AM 5.2 158 02:12 PM 0.0 0 08:15 PM 4.1 125 | 7 Su | 02:13 AM -0.6 -18 08:44 AM 4.9 149 03:04 PM -0.3 -9 09:00 PM 3.6 110 | 22 M | 01:49 AM -0.7 -21 08:23 AM 5.3 162 02:39 PM -0.5 -15 08:41 PM 4.0 122 |
| 8 W | 02:30 AM -0.6 -18 08:49 AM 5.4 165 03:02 PM -0.6 -18 09:12 PM 4.9 149 | 23 Th | 02:20 AM 0.3 9 08:43 AM 4.9 149 02:52 PM 0.3 9 09:01 PM 4.4 134 | 8 Sa | 02:35 AM -0.5 -15 09:05 AM 5.3 162 03:23 PM -0.3 -9 09:23 PM 4.0 122 | 23 Su | 02:11 AM -0.3 -9 08:43 AM 5.4 165 02:58 PM -0.1 -3 09:01 PM 4.1 125 | 8 M | 02:56 AM -0.5 -15 09:28 AM 4.8 146 03:46 PM -0.1 -3 09:44 PM 3.5 107 | 23 Tu | 02:38 AM -0.9 -27 09:11 AM 5.4 165 03:27 PM -0.6 -18 09:31 PM 4.0 122 |
| 9 Th | 03:16 AM -0.6 -18 09:38 AM 5.5 168 03:52 PM -0.5 -15 10:01 PM 4.7 143 | 24 F | 02:58 AM 0.2 6 09:24 AM 5.1 155 03:34 PM 0.3 9 09:42 PM 4.3 131 | 9 Su | 03:19 AM -0.3 -9 09:50 AM 5.1 155 04:09 PM 0.0 0 10:09 PM 3.8 116 | 24 M | 02:56 AM -0.3 -9 09:29 AM 5.4 165 03:45 PM -0.1 -3 09:49 PM 4.0 122 | 9 Tu | 03:38 AM -0.3 -9 10:11 AM 4.6 140 04:28 PM 0.0 0 10:28 PM 3.4 104 | 24 W | 03:28 AM -0.9 -27 10:01 AM 5.3 162 04:16 PM -0.6 -18 10:22 PM 4.0 122 |
| 10 F | 04:01 AM -0.5 -15 10:27 AM 5.5 168 04:42 PM -0.4 -12 10:48 PM 4.5 137 | 25 Sa | 03:37 AM 0.2 6 10:05 AM 5.2 158 04:17 PM 0.3 9 10:24 PM 4.3 131 | 10 M | 04:04 AM -0.1 -3 10:36 AM 4.9 149 04:56 PM 0.2 6 10:55 PM 3.6 110 | 25 Tu | 03:43 AM -0.3 -9 10:17 AM 5.3 162 04:34 PM -0.1 -3 10:38 PM 4.0 122 | 10 W | 04:22 AM 0.0 0 10:53 AM 4.4 134 05:11 PM 0.2 6 11:12 PM 3.3 101 | 25 Th | 04:20 AM -0.8 -24 10:50 AM 5.1 155 05:07 PM -0.6 -18 11:15 PM 4.0 122 |
| 11 Sa | 04:47 AM -0.3 -9 11:15 AM 5.3 162 05:32 PM -0.1 -3 11:35 PM 4.2 128 | 26 Su | 04:18 AM 0.2 6 10:49 AM 5.3 162 05:02 PM 0.3 9 11:08 PM 4.2 128 | 11 Tu | 04:51 AM 0.2 6 11:22 AM 4.6 140 05:45 PM 0.5 15 11:42 PM 3.5 107 | 26 W | 04:34 AM -0.2 -6 11:06 AM 5.2 158 05:27 PM 0.0 0 11:30 PM 3.9 119 | 11 Th | 05:07 AM 0.2 6 11:36 AM 4.2 128 05:55 PM 0.4 12 11:58 PM 3.3 101 | 26 F | 05:16 AM -0.6 -18 11:41 AM 4.8 146 06:00 PM -0.6 -18 |
| 12 Su | 05:34 AM 0.0 0 12:03 PM 5.1 155 06:24 PM 0.3 9 | 27 M | 05:02 AM 0.2 6 11:34 AM 5.2 158 05:51 PM 0.4 12 11:54 PM 4.0 122 | 12 W | 05:40 AM 0.5 15 12:09 PM 4.3 131 06:35 PM 0.7 21 | 27 Th | 05:30 AM -0.1 -3 11:58 AM 4.9 149 06:22 PM 0.0 0 | 12 F | 05:55 AM 0.5 15 12:20 PM 3.9 119 06:40 PM 0.5 15 | 27 Sa | 12:10 AM 4.0 122 06:16 AM -0.4 -12 12:35 PM 4.4 134 06:55 PM -0.5 -15 |
| 13 M | 12:23 AM 3.9 119 06:23 AM 0.3 9 12:52 PM 4.7 143 07:17 PM 0.6 18 | 28 Tu | 05:50 AM 0.3 9 12:22 PM 5.1 155 06:44 PM 0.5 15 | 13 Th | 12:32 AM 3.3 101 06:32 AM 0.8 24 12:58 PM 4.1 125 07:25 PM 0.9 27 | 28 F | 12:27 AM 3.9 119 06:30 AM 0.1 3 12:54 PM 4.6 140 07:19 PM 0.0 0 | 13 Sa | 12:46 AM 3.3 101 06:46 AM 0.7 21 01:06 PM 3.7 113 07:25 PM 0.6 18 | 28 Su | 01:09 AM 4.0 122 07:19 AM -0.2 -6 01:31 PM 4.0 122 07:50 PM -0.4 -12 |
| 14 Tu | 01:12 AM 3.6 110 07:15 AM 0.6 18 01:43 PM 4.4 134 08:13 PM 0.9 27 | 29 W | 12:44 AM 3.9 119 06:44 AM 0.4 12 01:14 PM 5.0 152 07:40 PM 0.6 18 | 14 F | 01:25 AM 3.3 101 07:27 AM 1.0 30 01:51 PM 3.9 119 08:14 PM 0.9 27 | 29 Sa | 01:28 AM 3.9 119 07:34 AM 0.2 6 01:54 PM 4.3 131 08:15 PM 0.0 0 | 14 Su | 01:38 AM 3.3 101 07:39 AM 0.8 24 01:56 PM 3.5 107 08:11 PM 0.6 18 | 29 M | 02:13 AM 3.9 119 08:24 AM 0.0 0 02:32 PM 3.6 110 08:46 PM -0.4 -12 |
| 15 W | 02:06 AM 3.4 104 08:10 AM 0.9 27 02:39 PM 4.2 128 09:09 PM 1.1 34 | 30 Th | 01:40 AM 3.8 116 07:44 AM 0.5 15 02:12 PM 4.8 146 08:39 PM 0.5 15 | 15 Sa | 02:23 AM 3.3 101 08:23 AM 1.1 34 02:46 PM 3.7 113 09:02 PM 0.9 27 | 30 Su | 02:33 AM 4.0 122 08:40 AM 0.2 6 02:57 PM 4.1 125 09:12 PM -0.1 -3 | 15 M | 02:33 AM 3.4 104 08:34 AM 0.9 27 02:49 PM 3.4 104 08:58 PM 0.6 18 | 30 Tu | 03:19 AM 4.0 122 09:30 AM 0.1 3 03:35 PM 3.4 104 09:43 PM -0.4 -12 |
| | | 31 F | 02:43 AM 3.8 116 08:48 AM 0.5 15 03:15 PM 4.6 140 09:38 PM 0.4 12 | | | | | | | 31 W | 04:22 AM 4.1 125 10:37 AM 0.1 3 04:36 PM 3.2 98 10:39 PM -0.4 -12 |

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)