



NOAA Tide Predictions

Great Machipongo Inlet (inside), VA,2020

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), VA, 2020

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 05:42 AM 3.7 113 11:43 AM -0.2 -6 W 06:21 PM 4.9 149	16 05:44 AM 3.3 101 11:36 AM 0.7 21 Th 06:18 PM 4.4 134	1 01:32 AM 0.2 6 07:19 AM 3.4 104 Sa 01:16 PM -0.1 -3 07:55 PM 5.0 152	16 12:54 AM 0.8 24 06:52 AM 3.6 110 Su 12:46 PM 0.4 12 07:25 PM 5.1 155	1 02:45 AM 0.3 9 08:38 AM 3.9 119 Tu 02:38 PM 0.1 3 09:05 PM 4.8 146	16 02:01 AM 0.1 3 08:08 AM 4.7 143 W 02:10 PM -0.3 -9 08:36 PM 5.5 168	2 12:43 AM 0.0 0 06:39 AM 3.6 110 Th 12:38 PM -0.3 -9 07:15 PM 5.1 155	17 12:35 AM 0.9 27 06:34 AM 3.4 104 F 12:25 PM 0.5 15 07:06 PM 4.7 143	2 02:23 AM 0.1 3 08:10 AM 3.5 107 Su 02:07 PM -0.2 -6 08:43 PM 5.0 152	17 01:44 AM 0.5 15 07:42 AM 3.9 119 M 01:38 PM 0.0 0 08:14 PM 5.3 162	2 03:20 AM 0.3 9 09:19 AM 4.0 122 W 03:20 PM 0.1 3 09:44 PM 4.7 143	17 02:47 AM -0.2 -6 08:57 AM 5.0 152 Th 03:02 PM -0.5 -15 09:25 PM 5.5 168	3 01:42 AM -0.1 -3 07:33 AM 3.6 110 F 01:31 PM -0.4 -12 08:07 PM 5.2 158	18 01:25 AM 0.7 21 07:22 AM 3.5 107 Sa 01:14 PM 0.3 9 07:52 PM 4.9 149	3 03:07 AM 0.1 3 08:10 AM 3.6 110 M 02:54 PM -0.2 -6 09:28 PM 5.0 152	18 02:31 AM 0.2 6 08:31 AM 4.2 128 Tu 02:29 PM -0.2 -6 09:02 PM 5.5 168	3 03:54 AM 0.3 9 09:59 AM 4.2 128 Th 03:59 PM 0.1 3 10:22 PM 4.6 140	18 03:32 AM -0.4 -12 09:37 AM 5.3 162 F 03:54 PM -0.6 -18 10:13 PM 5.4 165	4 02:35 AM -0.2 -6 08:25 AM 3.6 110 Sa 02:22 PM -0.5 -15 08:52 PM 5.2 158	19 02:12 AM 0.4 12 08:09 AM 3.6 110 Su 02:02 PM 0.1 3 08:39 PM 5.1 155	4 03:48 AM 0.1 3 09:43 AM 3.7 113 Tu 03:39 PM -0.2 -6 10:11 PM 4.9 149	19 03:16 AM -0.1 -3 09:20 AM 4.4 134 W 03:19 PM -0.4 -12 09:49 PM 5.6 171	4 04:27 AM 0.4 12 10:38 AM 4.3 131 F 04:39 PM 0.3 9 11:00 PM 4.4 134	19 04:17 AM -0.5 -15 10:37 AM 5.5 168 Sa 04:47 PM -0.5 -15 11:02 PM 5.1 155	5 03:24 AM -0.3 -9 09:16 AM 3.6 110 Su 03:10 PM -0.5 -15 09:46 PM 5.2 158	20 02:58 AM 0.2 6 08:56 AM 3.8 116 M 02:49 PM -0.1 -3 09:25 PM 5.3 162	5 04:27 AM 0.1 3 10:26 AM 3.8 116 W 04:22 PM 0.0 0 10:52 PM 4.7 143	20 04:01 AM -0.2 -6 10:10 AM 4.7 143 Th 04:09 PM -0.5 -15 10:37 PM 5.5 168	5 05:02 AM 0.5 15 11:18 AM 4.3 131 Sa 05:20 PM 0.5 15 11:38 PM 4.2 128	20 05:04 AM -0.4 -12 11:28 AM 5.5 168 Su 05:41 PM -0.3 -9 11:52 PM 4.7 143	6 04:10 AM -0.2 -6 10:05 AM 3.6 110 M 03:58 PM -0.4 -12 10:33 PM 5.0 152	21 03:43 AM 0.1 3 09:44 AM 3.9 119 Tu 03:36 PM -0.2 -6 10:12 PM 5.4 165	6 05:05 AM 0.2 6 11:09 AM 3.9 119 Th 05:05 PM 0.2 6 11:32 PM 4.5 137	21 04:47 AM -0.3 -9 11:00 AM 4.8 146 F 05:02 PM -0.4 -12 11:25 PM 5.2 158	6 05:37 AM 0.6 18 11:57 AM 4.3 131 Su 06:03 PM 0.7 21	21 05:53 AM -0.3 -9 12:20 PM 5.4 165 M 06:40 PM 0.0 0	7 04:55 AM -0.1 -3 10:52 AM 3.6 110 Tu 04:45 PM -0.2 -6 11:18 PM 4.8 146	22 04:28 AM -0.1 -3 10:32 AM 4.1 125 W 04:25 PM -0.3 -9 10:59 PM 5.3 162	7 05:43 AM 0.4 12 11:51 AM 3.9 119 F 05:49 PM 0.4 12	22 05:33 AM -0.3 -9 11:50 AM 4.9 149 Sa 05:56 PM -0.3 -9	7 12:16 AM 4.0 122 06:14 AM 0.8 24 M 12:39 PM 4.3 131 06:48 PM 1.0 30	22 12:43 AM 4.3 131 06:45 AM 0.0 0 Tu 01:16 PM 5.2 158 07:41 PM 0.3 9	8 05:39 AM 0.1 3 11:38 AM 3.6 110 W 05:32 PM 0.1 3	23 05:14 AM -0.1 -3 11:21 AM 4.2 128 Th 05:16 PM -0.2 -6 11:46 PM 5.2 158	8 12:11 AM 4.3 131 06:21 AM 0.5 15 Sa 12:33 PM 3.9 119 06:35 PM 0.7 21	23 12:13 AM 4.9 149 06:22 AM -0.2 -6 Su 12:42 PM 5.0 152 06:55 PM 0.0 0	8 12:57 AM 3.7 113 06:55 AM 1.0 30 Tu 01:23 PM 4.2 128 07:38 PM 1.2 37	23 01:38 AM 3.8 116 07:42 AM 0.3 9 W 02:16 PM 4.9 149 08:47 PM 0.6 18	9 12:02 AM 4.6 140 06:23 AM 0.3 9 Th 12:24 PM 3.5 107 06:20 PM 0.3 9	24 06:01 AM -0.2 -6 12:11 PM 4.3 131 F 06:11 PM -0.1 -3	9 12:52 AM 4.0 122 07:00 AM 0.7 21 Su 01:17 PM 3.9 119 07:23 PM 0.9 27	24 01:04 AM 4.4 134 07:13 AM -0.1 -3 M 01:38 PM 4.9 149 07:57 PM 0.3 9	9 01:41 AM 3.5 107 07:40 AM 1.1 34 W 02:12 PM 4.2 128 08:32 PM 1.4 43	24 02:40 AM 3.5 107 08:43 AM 0.5 15 Th 03:22 PM 4.7 143 09:55 PM 0.8 24	10 12:46 AM 4.3 131 07:06 AM 0.4 12 F 01:10 PM 3.5 107 07:10 PM 0.6 18	25 12:34 AM 4.9 149 06:50 AM -0.1 -3 Sa 01:04 PM 4.4 134 07:09 PM 0.1 3	10 01:34 AM 3.7 113 07:42 AM 0.8 24 M 02:04 PM 3.9 119 08:15 PM 1.1 34	25 01:58 AM 4.0 122 08:07 AM 0.1 3 Tu 02:38 PM 4.8 146 09:02 PM 0.5 15	10 02:31 AM 3.3 101 08:30 AM 1.2 37 Th 03:08 PM 4.2 128 09:29 PM 1.4 43	25 03:50 AM 3.3 101 09:47 AM 0.6 18 F 04:33 PM 4.5 137 11:04 PM 0.8 24	11 01:30 AM 4.0 122 07:49 AM 0.6 18 Sa 01:58 PM 3.5 107 08:02 PM 0.8 24	26 01:25 AM 4.6 140 07:41 AM -0.1 -3 Su 02:00 PM 4.4 134 08:11 PM 0.2 6	11 02:20 AM 3.5 107 08:25 AM 0.9 27 Tu 02:55 PM 3.9 119 09:09 PM 1.2 37	26 02:59 AM 3.6 110 09:05 AM 0.2 6 W 03:43 PM 4.7 143 10:10 PM 0.6 18	11 03:29 AM 3.3 101 09:25 AM 1.2 37 F 04:09 PM 4.3 131 10:28 PM 1.4 43	26 05:02 AM 3.3 101 10:53 AM 0.7 21 Sa 05:40 PM 4.5 137	12 02:16 AM 3.7 113 08:32 AM 0.7 21 Su 02:50 PM 3.6 110 08:56 PM 1.0 30	27 02:19 AM 4.2 128 08:34 AM 0.0 0 M 03:00 PM 4.5 137 09:15 PM 0.4 12	12 03:12 AM 3.3 101 09:13 AM 1.0 30 W 03:51 PM 4.0 122 10:05 PM 1.3 40	27 04:05 AM 3.4 104 10:05 AM 0.4 12 Th 04:51 PM 4.6 140 11:19 PM 0.7 21	12 04:31 AM 3.4 104 10:24 AM 1.0 30 Sa 05:09 PM 4.6 140 11:27 PM 1.2 37	27 12:07 AM 0.8 24 06:04 AM 3.5 107 Su 11:55 AM 0.6 18 06:36 PM 4.5 137	13 03:05 AM 3.5 107 09:15 AM 0.8 24 M 03:43 PM 3.7 113 09:51 PM 1.1 34	28 03:18 AM 3.8 116 09:28 AM 0.0 0 Tu 04:03 PM 4.6 140 10:22 PM 0.5 15	13 04:08 AM 3.2 98 10:03 AM 1.0 30 Th 04:48 PM 4.2 128 11:03 PM 1.2 37	28 05:13 AM 3.3 101 11:07 AM 0.4 12 F 05:56 PM 4.7 143	13 05:30 AM 3.6 110 11:23 AM 0.8 24 Su 06:05 PM 4.8 146	28 12:58 AM 0.7 21 06:54 AM 3.7 113 M 12:51 PM 0.5 15 07:21 PM 4.5 137	14 03:58 AM 3.3 101 10:00 AM 0.8 24 Tu 04:37 PM 3.9 119 10:47 PM 1.1 34	29 04:21 AM 3.5 107 10:25 AM 0.0 0 W 05:07 PM 4.7 143 11:29 PM 0.4 12	14 05:06 AM 3.3 101 10:57 AM 0.9 27 F 05:43 PM 4.4 134	29 12:24 AM 0.6 18 06:15 AM 3.4 104 Sa 12:08 PM 0.3 9 06:52 PM 4.7 143	14 12:22 AM 0.9 27 06:25 AM 3.9 119 M 12:21 PM 0.4 12 06:58 PM 5.1 155	29 01:39 AM 0.6 18 07:36 AM 3.9 119 Tu 01:38 PM 0.4 12 08:00 PM 4.5 137	15 04:52 AM 3.2 98 10:47 AM 0.8 24 W 05:29 PM 4.1 125 11:42 PM 1.0 30	30 05:25 AM 3.4 104 11:23 AM 0.0 0 Th 06:07 PM 4.8 146	15 12:00 AM 1.1 34 06:00 AM 3.4 104 Sa 11:52 AM 0.6 18 06:36 PM 4.7 143	30 01:20 AM 0.5 15 07:08 AM 3.5 107 Su 01:04 PM 0.2 6 07:41 PM 4.8 146	15 01:14 AM 0.5 15 07:17 AM 4.3 131 Tu 01:17 PM 0.0 0 07:48 PM 5.4 165	30 02:14 AM 0.5 15 08:15 AM 4.2 128 W 02:20 PM 0.3 9 08:37 PM 4.5 137	31 12:34 AM 0.3 9 06:24 AM 3.4 104 F 12:21 PM 0.0 0 07:03 PM 4.9 149	31 02:06 AM 0.4 12 07:55 AM 3.7 113 M 01:54 PM 0.1 3 08:25 PM 4.8 146	

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: 65 low: 56) Height offset in feet (high: *1.16 low: *1.25)

