



NOAA Tide Predictions

Sand Shoal Inlet (Coast Guard Station), 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.



Sand Shoal Inlet (Coast Guard Station), Virginia, 2014

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