



NOAA Tide Predictions

Wallops Island, Virginia, 2017

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.



Wallops Island, Virginia, 2017

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 Sa	05:42 AM 11:47 AM 05:51 PM	-0.1 3.6 -0.1	-3 110 -3	16 Su	05:45 AM 11:50 AM 05:44 PM	0.1 3.1 0.2	3 94 6	1 M	12:00 AM 06:28 AM 12:29 PM 06:32 PM	4.6 -0.1 3.4 0.0	140 -3 104 0	16 Tu	06:03 AM 12:07 PM 06:00 PM	0.2 3.1 0.2	6 94 6	1 Th	01:37 AM 08:04 AM 02:16 PM 08:20 PM	3.9 0.0 3.3 0.1	119 0 101 3	16 F	12:46 AM 07:08 AM 01:19 PM 07:21 PM	3.9 0.1 3.4 0.2	119 3 104 6			
2 Su	12:16 AM 06:41 AM 12:43 PM 06:49 PM	4.4 0.0 3.4 0.0	134 0 104 0	17 M	12:12 AM 06:32 AM 12:36 PM 06:32 PM	3.7 0.2 2.9 0.2	113 6 88 6	2 Tu	12:59 AM 07:29 AM 01:31 PM 07:35 PM	4.3 0.0 3.2 0.0	131 0 98 0	17 W	12:28 AM 06:51 AM 12:56 PM 06:52 PM	3.8 0.2 3.1 0.2	116 6 94 6	2 F	02:38 AM 08:59 AM 03:20 PM 09:24 PM	3.6 0.0 3.4 0.1	110 0 104 3	17 Sa	01:38 AM 07:57 AM 02:15 PM 08:20 PM	3.8 0.1 3.6 0.2	116 3 110 6			
3 M	01:16 AM 07:44 AM 01:45 PM 07:51 PM	4.2 0.0 3.1 0.0	128 0 94 0	18 Tu	01:01 AM 07:23 AM 01:27 PM 07:25 PM	3.6 0.2 2.9 0.2	110 6 88 6	3 W	02:02 AM 08:31 AM 02:39 PM 08:41 PM	4.0 0.0 3.2 0.1	122 0 98 3	18 Th	01:18 AM 07:41 AM 01:50 PM 07:49 PM	3.8 0.2 3.1 0.2	116 6 94 6	3 Sa	03:38 AM 09:51 AM 04:19 PM 10:26 PM	3.4 0.1 3.5 0.1	104 3 107 3	18 Su	02:34 AM 08:49 AM 03:14 PM 09:21 PM	3.7 0.1 3.8 0.1	113 3 116 3			
4 Tu	02:22 AM 08:49 AM 02:53 PM 08:57 PM	4.0 0.0 3.0 0.0	122 0 91 0	19 W	01:55 AM 08:15 AM 02:24 PM 08:22 PM	3.6 0.2 2.9 0.2	110 6 88 6	4 Th	03:09 AM 09:31 AM 02:47 PM 09:47 PM	3.7 0.1 3.2 0.1	113 3 98 3	19 F	02:13 AM 08:32 AM 02:48 PM 08:48 PM	3.7 0.2 3.3 0.2	113 6 101 6	4 Su	04:34 AM 10:40 AM 05:09 PM 11:24 PM	3.2 0.1 3.6 0.1	98 3 110 3	19 M	03:33 AM 09:42 AM 04:12 PM 10:24 PM	3.7 0.0 4.2 0.1	113 0 128 3			
5 W	03:32 AM 09:55 AM 04:02 PM 10:03 PM	3.8 0.1 3.1 0.0	116 3 94 0	20 Th	02:53 AM 09:09 AM 03:23 PM 09:20 PM	3.6 0.2 3.1 0.2	110 6 94 6	5 F	04:13 AM 10:28 AM 04:47 PM 10:51 PM	3.6 0.1 3.4 0.1	110 3 104 3	20 Sa	03:10 AM 09:24 AM 03:45 PM 09:48 PM	3.7 0.1 3.6 0.1	113 3 110 3	5 M	05:22 AM 11:25 AM 05:53 PM	3.2 0.1 3.8	98 3 116	20 Tu	04:31 AM 10:36 AM 05:09 PM 11:25 PM	3.7 0.0 4.5 0.0	113 0 137 0			
6 Th	04:38 AM 10:56 AM 05:05 PM 11:07 PM	3.8 0.0 3.2 0.0	116 0 98 0	21 F	03:51 AM 10:03 AM 04:19 PM 10:19 PM	3.7 0.2 3.4 0.1	113 6 104 3	6 Sa	05:09 AM 11:19 AM 05:38 PM 11:48 PM	3.5 0.0 3.6 0.0	107 0 110 0	21 Su	04:07 AM 10:16 AM 04:41 PM 10:48 PM	3.8 0.1 4.0 0.1	116 3 122 3	6 Tu	12:14 AM 06:06 AM 12:06 PM 06:33 PM	0.1 3.2 0.1 4.0	3 98 3 122	21 W	05:29 AM 11:32 AM 06:04 PM	3.7 -0.1 4.9	113 -3 149			
7 F	05:36 AM 11:50 AM 05:58 PM	3.8 0.0 3.4	116 0 104	22 Sa	04:46 AM 10:55 AM 05:12 PM 11:16 PM	3.8 0.1 3.7 0.1	116 3 113 3	7 Su	05:57 AM 12:03 PM 06:21 PM	3.5 0.0 3.8	107 0 116	22 M	05:03 AM 11:08 AM 05:34 PM 11:47 PM	3.9 0.0 4.4 0.0	119 0 134 0	7 W	12:57 AM 06:48 AM 12:46 PM 07:13 PM	0.1 3.2 0.0 4.1	3 98 0 125	22 Th	12:25 AM 06:24 AM 12:26 PM 06:58 PM	-0.1 3.8 -0.2 5.1	-3 116 -6 155			
8 Sa	12:05 AM 06:25 AM 12:37 PM 06:44 PM	0.0 3.8 0.0 3.7	0 116 0 113	23 Su	05:38 AM 11:45 AM 06:02 PM	4.0 0.0 4.1	122 0 125	8 M	12:37 AM 06:40 AM 12:43 PM 07:01 PM	0.0 3.5 0.0 4.0	0 107 0 122	23 Tu	05:56 AM 12:00 PM 06:26 PM	4.0 -1 4.8	122 -3 146	8 Th	01:36 AM 07:30 AM 01:25 PM 07:53 PM	0.1 3.2 0.0 4.2	3 98 0 128	23 F	01:21 AM 07:20 AM 01:20 PM 07:52 PM	-0.1 3.8 -0.2 5.2	-3 116 -6 158			
9 Su	12:55 AM 07:09 AM 01:17 PM 07:26 PM	-0.1 3.8 0.0 3.8	-3 116 0 116	24 M	12:11 AM 06:28 AM 12:33 PM 06:51 PM	0.0 4.2 -0.1 4.5	0 128 -3 137	9 Tu	01:20 AM 07:20 AM 01:20 PM 07:40 PM	0.0 3.4 0.0 4.1	0 104 0 125	24 W	12:43 AM 06:49 AM 12:51 PM 07:18 PM	-0.1 4.0 -0.2 5.1	-3 122 -6 155	9 Th	02:14 AM 08:11 AM 02:03 PM 08:34 PM	0.1 3.2 0.0 4.3	3 98 0 131	24 Sa	02:15 AM 08:14 AM 02:13 PM 08:46 PM	-0.2 3.8 -0.2 5.3	-6 116 -6 162			
10 M	01:39 AM 07:50 AM 01:54 PM 08:06 PM	-0.1 3.7 0.0 4.0	-3 113 0 122	25 Tu	01:04 AM 07:17 AM 01:20 PM 07:40 PM	-0.1 4.3 -0.1 4.8	-3 131 -3 146	10 W	01:59 AM 08:00 AM 01:56 PM 08:19 PM	0.0 3.4 0.0 4.2	0 104 0 128	25 Th	01:37 AM 07:41 AM 01:41 PM 08:10 PM	-0.2 4.0 -0.2 5.3	-6 122 -6 162	10 Sa	02:52 AM 08:53 AM 02:42 PM 09:14 PM	0.1 3.3 0.1 4.3	3 101 3 131	25 Su	03:07 AM 09:09 AM 03:06 PM 09:38 PM	-0.2 3.8 -0.2 5.1	-6 116 -6 155			
11 Tu	02:20 AM 08:30 AM 02:30 PM 08:46 PM	-0.1 3.7 0.0 4.1	-3 113 0 125	26 W	01:55 AM 08:06 AM 02:07 PM 08:30 PM	-0.2 4.3 -0.2 5.1	-6 131 -6 155	11 Th	02:37 AM 08:40 AM 02:33 PM 08:58 PM	0.0 3.4 0.0 4.3	0 104 0 131	26 F	02:31 AM 08:34 AM 02:32 PM 09:02 PM	-0.2 4.0 -0.2 5.3	-6 122 -6 162	11 Su	03:30 AM 09:34 AM 03:21 PM 09:55 PM	0.1 3.2 0.1 4.3	3 98 3 131	26 M	04:00 AM 10:03 AM 04:00 PM 10:30 PM	-0.2 3.8 -0.2 4.9	-6 116 -6 149			
12 W	02:59 AM 09:09 AM 03:06 PM 09:25 PM	-0.1 3.6 0.0 4.1	-3 110 0 125	27 Th	02:46 AM 08:56 AM 02:55 PM 09:21 PM	-0.2 4.2 -0.2 5.1	-6 128 -6 155	12 F	03:15 AM 09:20 AM 03:10 PM 09:38 PM	0.0 3.3 0.1 4.2	0 101 3 128	27 Sa	03:24 AM 09:27 AM 03:24 PM 09:55 PM	-0.2 3.9 -0.2 5.2	-6 119 -6 158	12 M	04:10 AM 10:16 AM 04:02 PM 10:35 PM	0.1 3.2 0.1 4.2	3 98 3 128	27 Tu	04:52 AM 10:56 AM 04:55 PM 11:22 PM	-0.1 3.7 -0.1 4.6	-3 113 -3 140			
13 Th	03:39 AM 09:48 AM 03:42 PM 10:05 PM	0.0 3.5 0.0 4.1	0 107 0 125	28 F	03:38 AM 09:47 AM 03:44 PM 10:12 PM	-0.2 4.0 -0.2 5.1	-6 122 -6 155	13 Sa	03:54 AM 10:00 AM 03:48 PM 10:19 PM	0.1 3.3 0.1 4.2	3 101 3 128	28 Su	04:17 AM 10:21 AM 04:17 PM 10:49 PM	-0.2 3.8 -0.2 5.0	-6 116 -6 152	13 Tu	04:52 AM 10:57 AM 04:46 PM 11:17 PM	0.1 3.2 0.1 4.1	3 98 3 125	28 W	05:45 AM 11:50 AM 05:52 PM	-0.1 3.6 0.0	-3 110 0			
14 F	04:19 AM 10:28 AM 04:20 PM 10:45 PM	0.0 3.4 0.1 4.0	0 104 3 122	29 Sa	04:32 AM 10:38 AM 04:36 PM 11:05 PM	-0.2 3.8 -0.1 4.9	-6 116 -3 149	14 Su	04:35 AM 10:41 AM 04:29 PM 11:00 PM	0.1 3.2 0.1 4.1	3 98 3 125	29 M	05:13 AM 11:16 AM 05:14 PM 11:43 PM	-0.1 3.6 -0.1 4.6	-3 110 -3 140	14 W	05:35 AM 11:41 AM 05:33 PM	0.1 3.2 0.2	3 98 6	29 Th	12:13 AM 06:38 AM 12:45 PM 06:51 PM	4.2 0.0 3.5 0.0	128 0 107 0			
15 Sa	05:00 AM 11:08 AM 05:00 PM 11:27 PM	0.1 3.2 0.1 3.9	3 98 3 119	30 Su	05:29 AM 11:32 AM 05:32 PM	-0.1 3.6 -0.1	-3 110 -3	15 M	05:18 AM 11:23 AM 05:12 PM 11:43 PM	0.1 3.1 0.2 4.0	3 94 6 122	30 Tu	06:10 AM 12:12 PM 06:14 PM	-0.1 3.5 0.0	-3 107 0	15 Th	12:00 AM 06:21 AM 12:28 PM 06:25 PM	4.0 0.1 3.3 0.2	122 3 101 6	30 F	01:06 AM 07:30 AM 01:43 PM 07:52 PM	3.8 0.0 3.4 0.1	116 0 104 3			
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