



NOAA Tide Predictions

Wachapreague, Wachapreague Channel, 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.



Wachapreague, Wachapreague Channel, Virginia, 2017

Times and Heights of High and Low Waters

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



Wachapreague, Wachapreague Channel, Virginia, 2017

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

