



NOAA Tide Predictions

Oyster Harbor, Virginia, 2018

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.



Oyster Harbor, Virginia, 2018

Times and Heights of High and Low Waters

January					February					March													
Time		Height			Time		Height			Time		Height											
	h m	ft	cm		h m	ft	cm		h m	ft	cm		h m	ft	cm								
1 M	12:34 AM	-1.0	-30	16 Tu	01:06 AM	-0.2	-6	1 Th	02:06 AM	-1.3	-40	16 F	02:03 AM	-0.4	-12	1 Th	01:01 AM	-1.0	-30	16 F	01:58 AM	-0.2	-6
	07:24 AM	6.3	192		07:56 AM	5.0	152		08:54 AM	6.0	183		08:50 AM	5.1	155		07:45 AM	5.7	174		08:40 AM	5.1	155
	01:29 PM	-0.8	-24		01:56 PM	0.1	3		02:54 PM	-1.0	-30		02:40 PM	-0.1	-3		01:44 PM	-0.8	-24		02:29 PM	0.0	0
	07:43 PM	4.5	137		08:06 PM	3.8	116		09:13 PM	4.7	143		09:03 PM	4.3	131		08:03 PM	4.8	146		08:54 PM	4.7	143
2 Tu O	01:28 AM	-1.2	-37	17 W ●	01:46 AM	-0.3	-9	2 F	02:58 AM	-1.3	-40	17 Sa	02:44 AM	-0.4	-12	2 F O	01:53 AM	-1.1	-34	17 Sa ●	02:40 AM	-0.3	-9
	08:17 AM	6.4	195		08:36 AM	5.1	155		09:44 AM	5.8	177		09:28 AM	5.1	155		08:35 AM	5.7	174		09:20 AM	5.2	158
	02:22 PM	-0.9	-27		02:33 PM	0.0	0		03:42 PM	-0.9	-27		03:17 PM	-0.1	-3		02:30 PM	-0.8	-24		03:07 PM	-0.1	-3
	08:37 PM	4.6	140		08:48 PM	3.8	116		10:04 PM	4.7	143		09:43 PM	4.5	137		08:53 PM	5.0	152		09:35 PM	5.0	152
3 W	02:20 AM	-1.2	-37	18 Th	02:25 AM	-0.3	-9	3 Sa	03:50 AM	-1.1	-34	18 Su	03:25 AM	-0.3	-9	3 Sa	02:43 AM	-1.1	-34	18 Su	03:23 AM	-0.4	-12
	09:10 AM	6.4	195		09:15 AM	5.1	155		10:32 AM	5.4	165		10:07 AM	5.0	152		09:22 AM	5.5	168		10:00 AM	5.2	158
	03:14 PM	-0.9	-27		03:10 PM	0.0	0		04:30 PM	-0.8	-24		03:56 PM	-0.1	-3		03:14 PM	-0.8	-24		03:45 PM	-0.2	-6
	09:31 PM	4.5	137		09:28 PM	3.9	119		10:54 PM	4.6	140		10:24 PM	4.6	140		09:40 PM	5.0	152		10:17 PM	5.2	158
4 Th	03:13 AM	-1.2	-37	19 F	03:04 AM	-0.2	-6	4 Su	04:43 AM	-0.8	-24	19 M	04:09 AM	-0.2	-6	4 Su	03:32 AM	-0.9	-27	19 M	04:06 AM	-0.4	-12
	10:03 AM	6.1	186		09:54 AM	5.1	155		11:19 AM	5.0	152		10:46 AM	4.9	149		10:07 AM	5.1	155		10:41 AM	5.1	155
	04:06 PM	-0.8	-24		03:48 PM	0.0	0		05:18 PM	-0.6	-18		04:36 PM	-0.1	-3		03:57 PM	-0.6	-18		04:25 PM	-0.2	-6
	10:24 PM	4.5	137		10:09 PM	4.0	122		11:44 PM	4.5	137		11:06 PM	4.6	140		10:27 PM	5.0	152		10:59 PM	5.3	162
5 F	04:08 AM	-1.0	-30	20 Sa	03:45 AM	-0.1	-3	5 M	05:37 AM	-0.4	-12	20 Tu	04:56 AM	-0.1	-3	5 M	04:21 AM	-0.7	-21	20 Tu	04:51 AM	-0.3	-9
	10:54 AM	5.8	177		10:33 AM	5.0	152		12:07 PM	4.5	137		11:28 AM	4.6	140		10:51 AM	4.7	143		11:23 AM	4.9	149
	04:59 PM	-0.7	-21		04:27 PM	0.1	3		06:06 PM	-0.4	-12		05:19 PM	-0.1	-3		04:41 PM	-0.4	-12		05:06 PM	-0.2	-6
	11:18 PM	4.4	134		10:50 PM	4.0	122		11:52 PM	4.7	143		11:52 PM	4.7	143		11:13 PM	4.8	146		11:43 PM	5.4	165
6 Sa	05:04 AM	-0.7	-21	21 Su	04:29 AM	0.0	0	6 Tu	12:35 AM	4.3	131	21 W	05:48 AM	0.0	0	6 Tu	05:10 AM	-0.3	-9	21 W	05:40 AM	-0.2	-6
	11:45 AM	5.3	162		11:12 AM	4.8	146		06:34 AM	-0.1	-3		12:13 PM	4.4	134		11:35 AM	4.3	131		12:07 PM	4.7	143
	05:52 PM	-0.5	-15		05:08 PM	0.1	3		12:55 PM	4.0	122		06:07 PM	0.0	0		05:25 PM	-0.2	-6		05:52 PM	-0.1	-3
					11:32 PM	4.1	125		06:55 PM	-0.1	-3						11:59 PM	4.6	140				
7 Su	12:13 AM	4.2	128	22 M	05:16 AM	0.1	3	7 W ●	01:29 AM	4.1	125	22 Th	12:43 AM	4.7	143	7 W	06:01 AM	0.0	0	22 Th	12:31 AM	5.4	165
	06:03 AM	-0.4	-12		11:53 AM	4.6	140		07:31 AM	0.2	6		06:46 AM	0.1	3		12:20 PM	3.9	119		06:33 AM	-0.1	-3
	12:38 PM	4.8	146		05:52 PM	0.1	3		01:48 PM	3.6	110		01:05 PM	4.1	125		06:12 PM	0.1	3		12:54 PM	4.4	134
	06:45 PM	-0.4	-12				07:45 PM		0.1	3	07:00 PM		0.0	0				06:42 PM	0.0		0		
8 M ●	01:11 AM	4.1	125	23 Tu	12:19 AM	4.1	125	8 Th	02:28 AM	4.0	122	23 F ●	01:42 AM	4.8	146	8 Th	12:48 AM	4.4	134	23 F	01:23 AM	5.3	162
	07:04 AM	-0.1	-3		06:08 AM	0.2	6		08:31 AM	0.4	12		07:47 AM	0.2	6		06:55 AM	0.3	9		07:31 AM	0.1	3
	01:32 PM	4.3	131		12:38 PM	4.4	134		02:44 PM	3.3	101		02:04 PM	3.8	116		01:09 PM	3.5	107		01:48 PM	4.1	125
	07:38 PM	-0.2	-6		06:39 PM	0.1	3		08:36 PM	0.2	6		07:58 PM	-0.1	-3		07:01 PM	0.3	9		07:38 PM	0.1	3
9 Tu	02:11 AM	4.0	122	24 W ●	01:11 AM	4.3	131	9 F	03:28 AM	4.0	122	24 Sa	02:47 AM	4.8	146	9 F ●	01:42 AM	4.2	128	24 Sa ●	02:22 AM	5.1	155
	08:06 AM	0.2	6		07:05 AM	0.3	9		09:33 AM	0.5	15		08:52 AM	0.2	6		07:50 AM	0.6	18		08:33 AM	0.2	6
	02:29 PM	3.8	116		01:30 PM	4.1	125		03:43 PM	3.2	98		03:10 PM	3.7	113		02:03 PM	3.3	101		02:49 PM	3.9	119
	08:29 PM	-0.1	-3		07:29 PM	0.0	0		09:29 PM	0.3	9		08:59 PM	-0.2	-6		07:53 PM	0.5	15		08:40 PM	0.1	3
10 W	03:14 AM	4.0	122	25 Th	02:09 AM	4.4	134	10 Sa	04:27 AM	4.1	125	25 Su	03:54 AM	5.0	152	10 Sa	02:41 AM	4.1	125	25 Su	03:28 AM	5.0	152
	09:10 AM	0.3	9		08:07 AM	0.3	9		10:33 AM	0.6	18		09:59 AM	0.1	3		08:48 AM	0.7	21		09:38 AM	0.2	6
	03:27 PM	3.5	107		02:29 PM	4.0	122		04:39 PM	3.2	98		04:16 PM	3.8	116		03:02 PM	3.2	98		03:56 PM	3.8	116
	09:20 PM	0.0	0		08:24 PM	-0.1	-3		10:22 PM	0.2	6		10:03 PM	-0.3	-9		08:48 PM	0.6	18		09:44 PM	0.0	0
11 Th	04:13 AM	4.1	125	26 F	03:11 AM	4.7	143	11 Su	05:19 AM	4.3	131	26 M	04:58 AM	5.3	162	11 Su	04:43 AM	4.1	125	26 M	04:37 AM	5.0	152
	10:12 AM	0.4	12		09:11 AM	0.2	6		11:26 AM	0.5	15		11:03 AM	-0.1	-3		10:47 AM	0.8	24		10:43 AM	0.2	6
	04:23 PM	3.4	104		03:31 PM	3.9	119		05:29 PM	3.3	101		05:19 PM	4.0	122		05:02 PM	3.3	101		05:04 PM	3.9	119
	10:10 PM	0.0	0		09:21 PM	-0.3	-9		11:12 PM	0.1	3		11:06 PM	-0.6	-18		10:44 PM	0.5	15		10:51 PM	-0.1	-3
12 F	05:05 AM	4.3	131	27 Sa	04:14 AM	5.0	152	12 M	06:06 AM	4.5	137	27 Tu	05:58 AM	5.5	168	12 M	05:41 AM	4.2	128	27 Tu	05:43 AM	5.1	155
	11:10 AM	0.4	12		10:16 AM	0.0	0		12:11 PM	0.4	12		12:02 PM	-0.4	-12		11:42 AM	0.7	21		11:46 AM	0.0	0
	05:13 PM	3.4	104		04:34 PM	3.9	119		06:15 PM	3.5	107		06:17 PM	4.3	131		05:56 PM	3.5	107		06:07 PM	4.2	128
	10:58 PM	0.0	0		10:21 PM	-0.5	-15		11:59 PM	0.0	0						11:38 PM	0.4	12		11:55 PM	-0.3	-9
13 Sa	05:51 AM	4.5	137	28 Su	05:15 AM	5.4	165	13 Tu	06:49 AM	4.7	143	28 W	12:06 AM	-0.8	-24	13 Tu	06:32 AM	4.5	137	28 W	06:42 AM	5.3	162
	12:00 PM	0.3	9		11:20 AM	-0.2	-6		12:51 PM	0.3	9		06:53 AM	5.7	174		12:30 PM	0.6	18		12:43 PM	-0.2	-6
	05:59 PM	3.4	104		05:34 PM	4.0	122		06:59 PM	3.7	113		12:55 PM	-0.6	-18		06:45 PM	3.8	116		07:04 PM	4.6	140
	11:43 PM	-0.1	-3		11:21 PM	-0.8	-24				07:11 PM		4.6	140									
14 Su	06:34 AM	4.7	143	29 M	06:13 AM	5.7	174	14 W	12:42 AM	-0.2	-6	15 Th ●	01:23 AM	-0.3	-9	15 Th	12:29 AM	0.2	6	30 F	12:55 AM	-0.5	-15
	12:42 PM	0.2	6		12:19 PM	-0.5	-15		07:31 AM	4.9	149		07:17 AM	4.7	143		07:36 AM	5.3	162				
	06:43 PM	3.5	107		06:31 PM	4.2	128		01:28 PM	0.1	3		01:13 PM	0.4	12		01:33 PM	-0.4	-12				
					07:41 PM	4.0	122		07:41 PM	4.0	122		07:29 PM	4.1	125		07:56 PM	4.9	149				
15 M	12:26 AM	-0.1	-3	30 Tu	12:18 AM	-1.0	-30	15 Th ●	01:23 AM	-0.3	-9	15 Th	01:15 AM	0.0	0	15 Th	01:15 AM	0.0	0	30 F	01:50 AM	-0.7	-21
	07:15 AM	4.9	149		07:08 AM	6.0	183		08:11 AM	5.1	155		07:59 AM	4.9	149		08:25 AM	5.3	162				
	01:20 PM	0.1	3		01:14 PM	-0.7	-21		02:04 PM	0.0	0		01:52 PM	0.2	6		02:19 PM	-0.5	-15				
	07:25 PM	3.6	110		07:27 PM	4.4	134		08:22 PM	4.2	128		08:12 PM	4.4	134		08:45 PM	5.2	158				
				31 W O	01:13 AM	-1.2	-37											31 Sa O	02:40 AM	-0.8	-24		
					08:02 AM	6.1	186													09:12 AM	5.2	158	
					02:05 PM	-0.9	-27													03:02 PM	-0.6	-18	
					08:20 PM	4.6	140													09:31 PM	5.3	162	

Oyster Harbor, Virginia, 2018

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										
1 Su	03:27 AM	-0.8	-24		16 M	03:01 AM	-0.4	-12		1 Tu	03:52 AM	-0.3	-9		16 W	03:30 AM	-0.5	-15		1 F	04:51 AM	0.2	6		16 Sa	04:58 AM	-0.5	-15	
	09:56 AM	5.0	152			09:31 AM	5.1	155			10:11 AM	4.4	134			09:52 AM	4.9	149			11:08 AM	4.0	122			11:17 AM	4.7	143	
	03:43 PM	-0.5	-15			03:13 PM	-0.3	-9			03:50 PM	-0.1	-3			03:31 PM	-0.5	-15			04:40 PM	0.3	9			04:57 PM	-0.6	-18	
	10:15 PM	5.4	165			09:51 PM	5.9	180			10:31 PM	5.5	168			10:17 PM	6.5	198			11:29 PM	5.2	158			11:45 PM	6.3	192	
2 M	04:12 AM	-0.6	-18		17 Tu	03:47 AM	-0.4	-12		2 W	04:34 AM	-0.1	-3		17 Th	04:20 AM	-0.5	-15		2 Sa	05:32 AM	0.4	12		17 Su	05:52 AM	-0.4	-12	
	10:39 AM	4.8	146			10:16 AM	5.1	155			10:53 AM	4.3	131			10:42 AM	4.8	146			11:51 AM	3.9	119			12:12 PM	4.6	140	
	04:23 PM	-0.4	-12			03:56 PM	-0.3	-9			04:30 PM	0.0	0			04:20 PM	-0.4	-12			05:23 PM	0.5	15			05:54 PM	-0.4	-12	
	10:58 PM	5.3	162			10:36 PM	6.0	183			11:13 PM	5.3	162			11:07 PM	6.4	195											
3 Tu	04:57 AM	-0.4	-12		18 W	04:35 AM	-0.4	-12		3 Th	05:16 AM	0.1	3		18 F	05:13 AM	-0.4	-12		3 Su	12:11 AM	5.1	155		18 M	12:39 AM	5.9	180	
	11:22 AM	4.5	137			11:01 AM	4.9	149			11:35 AM	4.1	125			11:33 AM	4.7	143			06:16 AM	0.5	15			06:48 AM	-0.3	-9	
	05:04 PM	-0.2	-6			04:41 PM	-0.3	-9			05:11 PM	0.3	9			05:12 PM	-0.3	-9			12:34 PM	3.8	116			01:09 PM	4.5	137	
	11:41 PM	5.2	158			11:24 PM	6.0	183			11:55 PM	5.1	155						06:09 PM		0.6	18		06:55 PM		-0.1	-3		
4 W	05:43 AM	-0.1	-3		19 Th	05:26 AM	-0.3	-9		4 F	06:00 AM	0.3	9		19 Sa	12:00 AM	6.2	189		4 M	12:55 AM	4.9	149		19 Tu	01:34 AM	5.5	168	
	12:04 PM	4.2	128			11:49 AM	4.7	143			12:18 PM	0.3	9			06:08 AM	-0.3	-9			07:01 AM	0.6	18			07:44 AM	-0.2	-6	
	05:46 PM	0.1	3			05:30 PM	-0.2	-6			05:54 PM	0.5	15			12:27 PM	4.5	137			01:20 PM	3.8	116			02:09 PM	4.5	137	
														06:09 PM		-0.2	-6		06:58 PM		0.8	24		07:58 PM		0.1	3		
5 Th	12:25 AM	4.9	149		20 F	12:14 AM	5.9	180		5 Sa	12:39 AM	4.9	149		20 Su	12:54 AM	5.9	180		5 Tu	01:41 AM	4.7	143		20 W	02:32 AM	5.0	152	
	06:30 AM	0.2	6			06:21 AM	-0.1	-3			06:47 AM	0.5	15			07:06 AM	-0.1	-3			07:47 AM	0.7	21			08:40 AM	-0.1	-3	
	12:48 PM	3.9	119			12:40 PM	4.4	134			01:03 PM	3.7	113			01:24 PM	4.3	131			02:10 PM	3.8	116			03:13 PM	4.5	137	
	06:31 PM	0.3	9			06:24 PM	0.0	0			06:42 PM	0.7	21			07:10 PM	0.0	0			07:51 PM	0.9	27			09:03 PM	0.2	6	
6 F	01:11 AM	4.7	143		21 Sa	01:08 AM	5.7	174		6 Su	01:26 AM	4.7	143		21 M	01:53 AM	5.5	168		6 W	02:30 AM	4.5	137		21 Th	03:33 AM	4.6	140	
	07:19 AM	0.5	15			07:20 AM	0.0	0			07:35 AM	0.7	21			08:06 AM	0.0	0			08:33 AM	4.7	21			09:35 AM	0.0	0	
	01:34 PM	3.6	110			01:36 PM	4.2	128			01:52 PM	3.6	110			02:26 PM	4.2	128			03:03 PM	4.0	122			04:17 PM	4.6	140	
	07:19 PM	0.6	18			07:23 PM	0.1	3			07:33 PM	0.8	24			07:33 PM	0.1	3			08:46 PM	0.9	27			10:09 PM	0.3	9	
7 Sa	02:01 AM	4.4	134		22 Su	02:07 AM	5.4	165		7 M	02:17 AM	4.5	137		22 Tu	02:55 AM	5.1	155		7 Th	03:22 AM	4.4	134		22 F	04:34 AM	4.3	131	
	08:11 AM	0.7	21			08:21 AM	0.2	6			08:25 AM	0.8	24			09:05 AM	0.0	0			09:21 AM	0.6	18			10:28 AM	0.0	0	
	02:26 PM	3.5	107			02:38 PM	4.0	122			02:46 PM	3.6	110			03:33 PM	4.3	131			03:59 PM	4.2	128			05:17 PM	4.7	143	
	08:11 PM	0.7	21			08:26 PM	0.2	6			08:28 PM	0.9	27			09:20 PM	0.2	6			09:42 PM	0.8	24			11:13 PM	0.4	12	
8 Su	02:57 AM	4.3	131		23 M	03:12 AM	5.2	158		8 Tu	03:12 AM	4.4	134		23 W	03:59 AM	4.8	146		8 F	04:17 AM	4.4	134		23 Sa	05:31 AM	4.0	122	
	09:05 AM	0.9	27			09:24 AM	0.2	6			09:16 AM	0.9	27			10:03 AM	0.0	0			10:09 AM	0.5	15			11:18 AM	0.1	3	
	03:23 PM	3.4	104			03:46 PM	4.0	122			03:44 PM	3.7	113			04:40 PM	4.4	134			04:53 PM	4.6	140			06:10 PM	4.9	149	
	09:07 PM	0.8	24			09:33 PM	0.2	6			09:24 PM	0.9	27			10:27 PM	0.2	6			10:40 PM	0.7	21						
9 M	03:57 AM	4.2	128		24 Tu	04:20 AM	5.0	152		9 W	04:09 AM	4.4	134		24 Th	05:02 AM	4.6	140		9 Sa	05:11 AM	4.5	137		24 Su	12:14 AM	0.3	9	
	10:00 AM	0.9	27			10:26 AM	0.2	6			10:05 AM	0.8	24			10:59 AM	0.0	0			10:58 AM	0.3	9			06:23 AM	3.9	119	
	04:23 PM	3.5	107			04:54 PM	4.2	128			04:40 AM	4.0	122			05:40 PM	4.7	143			05:45 PM	5.1	155			12:07 PM	0.1	3	
	10:04 PM	0.8	24			10:40 PM	0.1	3			10:20 PM	0.8	24			11:31 PM	0.2	6			11:38 PM	0.4	12			06:56 PM	5.1	155	
10 Tu	04:56 AM	4.3	131		25 W	05:25 AM	4.9	149		10 Th	05:03 AM	4.5	137		25 F	05:59 AM	4.5	137		10 Su	06:03 AM	4.5	137		25 M	01:06 AM	0.3	9	
	10:53 AM	0.9	27			11:25 AM	0.0	0			10:54 AM	0.7	21			11:50 AM	0.0	0			11:48 AM	0.1	3			07:09 AM	3.9	119	
	05:20 PM	3.8	116			05:56 PM	4.5	137			05:32 PM	4.4	134			06:32 PM	4.9	149			06:35 PM	5.6	171			12:52 PM	0.1	3	
	11:00 PM	0.7	21			11:44 PM	0.0	0			11:16 PM	0.6	18										07:39 PM	5.2		158			
11 W	05:50 AM	4.5	137		26 Th	06:23 AM	4.9	149		11 F	05:54 AM	4.6	140		26 Sa	12:31 AM	0.1	3		11 M	12:34 AM	0.2	6		26 Tu	01:51 AM	0.2	6	
	11:43 AM	0.7	21			12:19 PM	-0.1	-3			11:42 AM	0.5	15			06:50 AM	4.8	146			06:50 AM	4.6	140			07:53 AM	3.9	119	
	06:10 PM	4.1	125			06:50 PM	4.8	146			06:21 PM	4.8	146			12:38 PM	-0.1	-3			12:39 PM	-0.2	-6			01:34 PM	0.1	3	
	11:54 PM	0.5	15								07:19 PM	5.2	158			07:19 PM	5.2	158			07:25 PM	6.0	183			08:21 PM	5.3	162	
12 Th	06:37 AM	4.7	143		27 F	12:44 AM	-0.2	-6		12 Sa	12:10 AM	0.4	12		27 Su	01:23 AM	0.0	0		12 Tu	01:28 AM	-0.1	-3		27 W	02:32 AM	0.2	6	
	12:28 PM	0.5	15			07:15 AM	4.9	149			06:42 AM	4.8	146			07:36 AM	4.3	131			07:46 AM	4.7	143			08:36 AM	3.9	119	
	06:56 PM	4.5	137			01:07 PM	-0.2	-6			12:28 PM	0.2	6			01:21 PM	-0.1	-3			01:29 PM	-0.4	-12			02:15 PM	0.1	3	
						07:39 PM	5.1	155			07:07 PM	5.3	162			08:02 PM	5.4	165			08:15 PM	6.4	195			09:02 PM	5.4	165	
13 F	12:44 AM	0.2	6		28 Sa	01:37 AM	-0.3	-9		13 Su	01:02 AM	0.1	3		28 M	02:09 AM	-0.1	-3		13 W	02:21 AM	-0.4	-12		28 Th	03:09 AM	0.2	6	
	07:22 AM	4.9	149			08:02 AM	4.8	146			07:29 AM	4.9	149			08:20 AM	4.2	128			08:38 AM	4.8	146			09:18 AM	4.0	122	
	01:11 PM	0.3	9			01:51 PM	-0.3	-9			01:13 PM	0.0	0			02:02 PM	-0.1	-3			02:19 PM	-0.6	-18			02:55 PM	0.1	3	
	07:40 PM	4.9	149			08:24 PM	5.4	165			07:53 PM	5.7	174			08:43 PM	5.5	168			09:07 PM	6.6	201			09:42 AM	5.4	165	
14 Sa	01:31 AM	0.0	0		29 Su	02:25 AM	-0.4	-12		14 M	01:52 AM	-0.2	-6		29 Tu	02:51 AM	-0.1	-3		14 Th	03:13 AM	-0.5	-15		29 F	03:47 AM	0.2	6	
	08:05 AM	5.1	155			08:46 AM	4.7	143			08:15 AM	5.0	152			09:02 AM	4.2	128			09:30 AM	4.8	146			10:00 AM	4.0	122	
	01:51 PM	0.1	3			02:32 PM	-0.3	-9			01:58 PM	-0.2	-6			02:41 PM	-0.1	-3			03:10 PM	-0.7	-21			03:34 PM	0.1	3	
	08:23 PM	5.3	162			09:07 PM	5.5	168			08:40 PM	6.1	186			09:24 PM	5.5	168			09:59 PM	6.7	204			10:23 PM	5.4	165	
15 Su	02:16 AM	-0.2	-6		30 M	03:09 AM	-0.4	-12		15 Tu	02:41 AM	-0.4	-12		30 W	03:31 AM	0.0	0		15 F	04:05 AM	-0.6	-18		30 Sa	04:25 AM	0.3	9	
	08:48 AM	5.1	155			09:29 AM	4.6	140			08:15 AM	5.0	152			09:44 AM	4.1	125			10:23 AM	4.8	146			10:42 AM	4.0		

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.

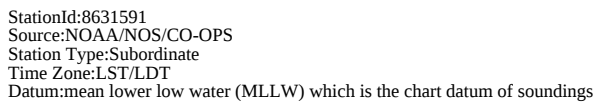
Referenced to Station: OCEAN CITY, FISHING PIER (8570280) Time offset in mins (high:60 low: 36) Height offset in feet (high: * 1.34 low: *1.13)



Oyster Harbor, Virginia, 2018

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 Su	05:04 AM	0.4 12		16 M	05:30 AM	-0.5 -15		1 W	05:49 AM	0.5 15		16 Th	12:44 AM	5.2 158		1 Sa	12:49 AM	4.8 146		16 Su	01:52 AM	4.1 125	
	11:24 AM	4.0 122			11:53 AM	5.0 152			12:17 PM	4.6 140			06:41 AM	-0.1 -3			06:40 AM	0.5 15			07:43 AM	0.7 21	
	04:56 PM	0.4 12			05:38 PM	-0.5 -15			05:59 PM	0.6 18			01:14 PM	5.2 158			01:19 PM	5.3 162			02:26 PM	4.9 149	
	11:44 PM	5.2 158									07:14 PM		0.2 6		07:20 PM		0.8 24		08:41 PM		0.9 27		
2 M	05:44 AM	0.5 15		17 Tu	12:19 AM	5.9 180		2 Th	12:35 AM	5.0 152		17 F	01:34 AM	4.6 140		2 Su	01:37 AM	4.5 137		17 M	02:48 AM	3.8 116	
	12:06 PM	4.1 125			06:23 AM	-0.4 -12			06:30 AM	0.5 15			07:32 AM	0.1 3			07:30 AM	0.6 18			08:37 AM	0.9 27	
	05:40 PM	0.5 15			12:48 PM	4.9 149			01:01 PM	4.6 140			02:09 PM	5.0 152			02:13 PM	5.4 165			03:26 PM	4.8 146	
					06:37 PM	-0.2 -6			06:48 PM	0.7 21			08:14 PM	0.5 15			08:19 PM	0.8 24			09:41 PM	1.1 34	
3 Tu	12:25 AM	5.0 152		18 W	01:11 AM	5.4 165		3 F	01:17 AM	4.7 143		18 Sa	02:27 AM	4.2 128		3 M	02:34 AM	4.3 131		18 Tu	03:49 AM	3.7 113	
	06:25 AM	0.5 15			07:16 AM	-0.2 -6			07:14 AM	0.5 15			08:23 AM	0.4 12			08:26 AM	0.5 15			09:33 AM	1.0 30	
	12:49 PM	4.1 125			01:44 PM	4.8 146			01:49 PM	4.8 146			03:07 PM	4.8 146			03:15 PM	5.4 165			04:29 PM	4.7 143	
	06:27 PM	0.7 21			07:38 PM	0.1 3			07:42 PM	0.8 24			09:16 PM	0.7 21			09:22 PM	0.8 24			10:40 PM	1.1 34	
4 W	01:06 AM	4.8 146		19 Th	02:05 AM	4.8 146		4 Sa	02:05 AM	4.5 137		19 Su	03:25 AM	3.8 116		4 Tu	03:38 AM	4.2 128		19 W	04:51 AM	3.8 116	
	07:08 AM	0.6 18			08:08 AM	-0.1 -3			08:02 AM	0.5 15			09:16 AM	0.5 15			09:26 AM	0.5 15			10:29 AM	1.0 30	
	01:35 PM	4.2 128			02:44 PM	4.7 143			02:42 PM	4.9 149			04:09 PM	4.7 143			04:20 PM	5.6 171			05:26 PM	4.8 146	
	07:17 PM	0.8 24			08:41 PM	0.3 9			08:41 PM	0.8 24			10:19 PM	0.9 27			10:27 PM	0.7 21			11:34 PM	1.1 34	
5 Th	01:51 AM	4.6 140		20 F	03:02 AM	4.3 131		5 Su	02:59 AM	4.3 131		20 M	04:26 AM	3.7 113		5 W	04:44 AM	4.3 131		20 Th	05:46 AM	4.0 122	
	07:53 AM	0.6 18			09:01 AM	0.1 3			08:53 AM	0.4 12			10:10 AM	0.7 21			10:29 AM	0.3 9			11:24 AM	0.9 27	
	02:24 PM	4.3 131			03:46 PM	4.7 143			03:41 PM	5.2 158			05:09 PM	4.8 146			05:24 PM	5.8 177			06:16 PM	5.0 152	
	08:11 PM	0.8 24			09:45 PM	0.5 15			09:42 PM	0.7 21			11:20 PM	0.9 27			11:30 PM	0.5 15					
6 F	02:40 AM	4.5 137		21 Sa	04:01 AM	4.0 122		6 M	04:00 AM	4.2 128		21 Tu	05:24 AM	3.7 113		6 Th	05:47 AM	4.5 137		21 F	12:20 AM	1.0 30	
	08:39 AM	0.5 15			09:53 AM	0.2 6			09:49 AM	0.3 9			11:04 AM	0.7 21			11:32 AM	0.0 0			06:33 AM	4.2 128	
	03:18 PM	4.5 137			04:47 PM	4.7 143			04:43 PM	5.5 168			06:02 PM	4.9 149			06:25 PM	6.1 186			12:14 PM	0.7 21	
	09:08 PM	0.8 24			10:50 PM	0.6 18			10:45 PM	0.6 18											07:00 PM	5.2 158	
7 Sa	03:34 AM	4.4 134		22 Su	05:00 AM	3.8 116		7 Tu	05:03 AM	4.3 131		22 W	12:15 AM	0.9 27		7 F	12:30 AM	0.2 6		22 Sa	12:59 AM	0.8 24	
	09:28 AM	0.4 12			10:45 AM	0.3 9			10:48 AM	0.1 3			06:16 AM	3.8 116			06:47 AM	4.9 149			07:16 AM	4.6 140	
	04:15 PM	4.9 149			05:42 PM	4.8 146			05:43 PM	5.8 177			11:56 AM	0.6 18			12:33 PM	-0.2 -6			01:00 PM	0.6 18	
	10:08 PM	0.7 21			11:51 PM	0.6 18			11:48 PM	0.3 9			06:49 PM	5.1 155			07:21 PM	6.3 192			07:41 PM	5.4 165	
8 Su	04:32 AM	4.3 131		23 M	05:54 AM	3.7 113		8 W	06:03 AM	4.4 134		23 Th	01:00 AM	0.8 24		8 Sa	01:24 AM	-0.1 -3		23 Su	01:36 AM	0.6 18	
	10:20 AM	0.3 9			11:36 AM	0.3 9			11:48 AM	-0.1 -3			07:02 AM	4.0 122			07:42 AM	5.2 158			07:57 AM	4.9 149	
	05:11 PM	5.3 162			06:32 PM	5.0 152			06:41 PM	6.2 189			12:43 PM	0.5 15			01:31 PM	-0.5 -15			01:43 PM	0.4 12	
	11:09 PM	0.5 15									07:32 PM		5.2 158		08:14 PM		6.4 195		08:21 PM		5.5 168		
9 M	05:29 AM	4.4 134		24 Tu	12:45 AM	0.6 18		9 Th	12:48 AM	0.1 3		24 F	01:38 AM	4.7 21		9 Su	02:14 AM	-0.3 -9		24 M	02:12 AM	0.5 15	
	11:14 AM	0.0 0			06:43 AM	3.7 113			07:01 AM	4.7 143			07:45 AM	4.2 128			08:35 AM	5.5 168			08:38 AM	5.2 158	
	06:07 PM	5.7 174			12:24 PM	0.3 9			12:47 PM	-0.4 -12			01:27 PM	0.4 12			02:25 PM	-0.6 -18			02:24 PM	0.3 9	
					07:16 PM	5.1 155			07:37 PM	6.4 195			08:13 PM	5.4 165			09:05 PM	6.3 192			09:00 PM	5.5 168	
10 Tu	12:09 AM	0.2 6		25 W	01:29 AM	0.5 15		10 F	01:44 AM	-0.2 -6		25 Sa	02:13 AM	0.6 18		10 M	03:01 AM	-0.5 -15		25 Tu	02:48 AM	0.4 12	
	06:26 AM	4.5 137			07:28 AM	3.8 116			07:58 AM	4.9 149			08:26 AM	4.5 137			09:26 AM	5.7 174			09:18 AM	5.4 165	
	12:10 PM	-0.2 -6			01:09 PM	0.3 9			01:44 PM	-0.6 -18			02:08 PM	0.3 9			03:17 PM	-0.6 -18			03:05 PM	0.2 6	
	07:01 PM	6.1 186			07:58 PM	5.2 158			08:32 PM	6.6 201			08:52 PM	5.5 168			09:54 PM	6.1 186			09:39 PM	5.5 168	
11 W	01:07 AM	-0.1 -3		26 Th	02:08 AM	0.4 12		11 Sa	02:36 AM	-0.4 -12		26 Su	02:48 AM	0.5 15		11 Tu	03:47 AM	-0.5 -15		26 W	03:24 AM	0.3 9	
	07:21 AM	4.6 140			08:11 AM	4.0 122			08:52 AM	5.1 155			09:47 AM	4.7 143			10:16 AM	5.8 177			09:58 AM	5.6 171	
	01:05 PM	-0.5 -15			01:51 PM	0.2 6			02:39 PM	-0.8 -24			02:48 PM	0.2 6			04:08 PM	-0.5 -15			03:46 PM	0.2 6	
	07:55 PM	6.5 198			08:39 PM	5.4 165			09:25 PM	6.6 201			09:31 PM	5.6 171			10:41 PM	5.8 177			10:18 PM	5.4 165	
12 Th	02:02 AM	-0.3 -9		27 F	02:44 AM	0.4 12		12 Su	03:26 AM	-0.6 -18		27 M	03:23 AM	0.4 12		12 W	04:32 AM	-0.4 -12		27 Th	04:02 AM	0.3 9	
	08:16 AM	4.7 143			08:52 AM	4.1 125			09:46 AM	5.3 162			09:47 AM	4.9 149			11:05 AM	5.8 177			10:39 AM	5.8 177	
	01:59 PM	-0.7 -21			02:32 PM	0.2 6			03:32 PM	-0.8 -24			03:28 PM	0.2 6			04:59 PM	-0.3 -9			04:30 PM	0.3 9	
	08:49 PM	6.7 204			09:19 PM	5.4 165			10:16 PM	6.4 195			10:09 PM	5.5 168			11:28 PM	5.4 165			10:59 PM	5.3 162	
13 F	02:55 AM	-0.5 -15		28 Sa	03:20 AM	0.4 12		13 M	04:14 AM	-0.6 -18		28 Tu	03:59 AM	0.4 12		13 Th	05:17 AM	-0.2 -6		28 F	04:41 AM	0.3 9	
	09:10 AM	4.9 149			09:34 AM	4.2 128			10:39 AM	5.4 165			10:27 AM	5.0 152			11:53 AM	5.7 174			11:21 AM	5.8 177	
	02:53 PM	-0.8 -24			03:11 PM	0.2 6			04:25 PM	-0.7 -21			04:08 PM	0.3 9			05:51 PM	0.0 0			05:16 PM	0.4 12	
	09:42 PM	6.7 204			09:59 PM	5.5 168			11:06 PM	6.1 186			10:48 PM	5.4 165							11:41 PM	5.0 152	
14 Sa	03:47 AM	-0.6 -18		29 Su	03:56 AM	0.4 12		14 Tu	05:03 AM	-0.5 -15		29 W	04:35 AM	0.4 12		14 F	12:14 AM	4.9 149		29 Sa	05:24 AM	0.4 12	
	10:05 AM	4.9 149			10:15 AM	4.4 134			11:30 AM	5.4 165			11:07 AM	5.1 155			06:03 AM	0.1 3			12:06 PM	5.8 177	
	03:47 PM	-0.8 -24			03:51 PM	0.2 6			05:20 PM	-0.4 -12			04:50 PM	0.4 12			12:41 PM	5.5 168			06:07 PM	0.5 15	
	10:35 PM	6.6 201			10:38 PM	5.4 165			11:55 PM	5.7 174			11:26 PM	5.3 162			06:46 PM	0.4 12					
15 Su	04:38 AM	-0.6 -18		30 M	04:32 AM	0.4 12		15 W	05:51 AM	-0.3 -9		30 Th	05:13 AM	0.4 12		15 Sa	01:02 AM	4.5 137		30 Su	12:27 AM	4.8 146	
	10:59 AM	5.0 152			10:56 AM	4.4 134			12:22 PM	5.3 162			11:48 AM	5.2 158			06:52 AM	0.4 12			06:12 AM	0.5 15	
	04:42 PM	-0.7 -21			04:31 PM	0.3 9			06:16 PM	-0.1 -3			05:36 PM	0.5 15			01:32 PM	5.2 158			12:56 PM	5.8 177	
	11:27 PM	6.3 192			11:17 PM	5.3 162									07:42 PM		0.7 21		07:03 PM		0.6 18		
16 M	05:10 AM	0.4 12		31 Tu	11:36 AM	4.5 137		31 F	12:06 AM	5.1 155		31 F	12:06 AM	5.1 155									
	11:36 AM	4.5 137			05:54 AM	0.5 15			05:54 AM	0.5 15			05:54 AM	0.5 15									
	05:14 PM	0.5 15			12:31 PM	5.3 162			12:31 PM	5.3 162			12:31 PM	5.3 162									
	11:55 PM	5.2 158			06:25 PM	0.6 18			06:25 PM	0.6 18			06:25 PM	0.6 18									



October					November					December													
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 M	01:18 AM	4.5	137	16 Tu ☉	02:11 AM	3.8	116	1 Th	03:10 AM	4.2	128	16 F	02:29 AM	3.7	113	1 Sa	03:04 AM	4.3	131	16 Su	02:40 AM	3.9	119
	07:06 AM	0.6	18		07:57 AM	1.0	30		08:57 AM	0.4	12		08:08 AM	1.0	30		08:51 AM	0.2	6		08:22 AM	0.8	24
	01:52 PM	5.7	174		02:43 PM	4.8	146		03:44 PM	5.4	165		02:53 PM	4.5	137		03:27 PM	4.7	143		02:57 PM	4.1	125
	08:04 PM	0.7	21		08:59 PM	1.1	34		09:54 PM	0.4	12		08:54 PM	0.9	27		09:28 PM	-0.1	-3		08:52 PM	0.5	15
2 Tu ☉	02:16 AM	4.3	131	17 W	03:10 AM	3.7	113	2 F	04:19 AM	4.4	134	17 Sa	03:27 AM	3.9	119	2 Su	04:09 AM	4.6	140	17 M	03:35 AM	4.2	128
	08:06 AM	0.6	18		08:53 AM	1.1	34		10:04 AM	0.4	12		09:05 AM	1.0	30		09:57 AM	0.2	6		09:19 AM	0.7	21
	02:55 PM	5.6	171		03:43 PM	4.7	143		04:50 PM	5.3	162		03:47 PM	4.5	137		04:28 PM	4.5	137		03:51 PM	4.1	125
	09:07 PM	0.7	21		09:54 PM	1.1	34		10:53 PM	0.2	6		09:41 PM	0.8	24		10:22 PM	-0.2	-6		09:40 PM	0.3	9
3 W	03:22 AM	4.2	128	18 Th	04:12 AM	3.8	116	3 Sa	05:24 AM	4.7	143	18 Su	04:19 AM	4.3	131	3 M	05:06 AM	4.9	149	18 Tu	04:27 AM	4.6	140
	09:10 AM	0.5	15		09:50 AM	1.1	34		11:10 AM	0.2	6		10:00 AM	0.8	24		11:00 AM	0.1	3		10:16 AM	0.5	15
	04:02 PM	5.6	171		04:42 PM	4.7	143		05:50 PM	5.3	162		04:37 PM	4.6	140		05:22 PM	4.4	134		04:43 PM	4.2	128
	10:11 PM	0.6	18		10:45 PM	1.1	34		11:48 PM	0.0	0		10:27 PM	0.6	18		11:12 PM	-0.3	-9		10:29 PM	0.1	3
4 Th	04:31 AM	4.4	134	19 F	05:09 AM	4.0	122	4 Su	05:22 AM	5.1	155	19 M	05:07 AM	4.7	143	4 Tu	05:57 AM	5.2	158	19 W	05:17 AM	5.0	152
	10:16 AM	0.4	12		10:46 AM	1.0	30		11:12 AM	0.0	0		10:53 AM	0.6	18		11:57 AM	-0.1	-3		11:12 AM	0.3	9
	05:08 PM	5.7	174		05:35 PM	4.8	146		05:44 PM	5.2	158		05:24 PM	4.7	143		06:11 PM	4.3	131		05:33 PM	4.3	131
	11:13 PM	0.4	12		11:32 PM	1.0	30		11:38 PM	-0.2	-6		11:11 PM	0.3	9		11:59 PM	-0.3	-9		11:18 PM	-0.2	-6
5 F	05:36 AM	4.7	143	20 Sa	05:59 AM	4.4	134	5 M	06:13 AM	5.4	165	20 Tu	05:52 AM	5.2	158	5 W	06:43 AM	5.4	165	20 Th	06:06 AM	5.5	168
	11:21 AM	0.2	6		11:39 AM	0.9	27		12:09 PM	-0.1	-3		11:43 AM	0.4	12		12:48 PM	-0.2	-6		12:06 PM	0.0	0
	06:08 PM	5.8	177		06:21 PM	5.0	152		06:33 PM	5.1	155		06:09 PM	4.8	146		06:57 PM	4.2	128		06:23 PM	4.4	134
6 Sa	12:10 AM	0.2	6	21 Su	12:14 AM	0.8	24	6 Tu	12:24 AM	-0.3	-9	21 W	06:36 AM	5.6	171	6 Th	12:43 AM	-0.4					

Page 5 of 5