



## NOAA Tide Predictions

**Florence USCG Pier, Oregon, 2016**

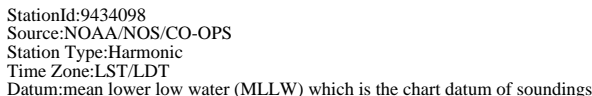
The NOAA Tide Predictions application provides predictions in both graphical and tabular formats, with many user selected options, for over 3000 stations broken down by key areas in each state. Users can also access stations via the Google map interface. Additional information can be found in the help 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.



### Times and Heights of High and Low Waters

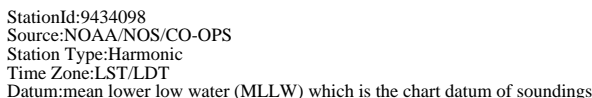
Disclaimer: These data are based upon the latest information available as of the date of your request, and may differ from the published tide tables.



Florence USCG Pier,Oregon,2016

Times and Heights of High and Low Waters

April					May					June													
Time		Height			Time		Height			Time		Height			Time		Height						
	<div>h m</div>	<div>ft cm</div>			<div>h m</div>	<div>ft cm</div>			<div>h m</div>	<div>ft cm</div>		<div>h m</div>	<div>ft cm</div>		<div>h m</div>	<div>ft cm</div>							
1 F	12:54 AM	3.5	107		1 Su	02:01 AM	2.7	82		1 M	03:46 AM	1.7	52		1 W	03:52 AM	0.3	9		16 Th	04:47 AM	0.5	15
	06:56 AM	6.3	192			07:47 AM	5.9	180			09:35 AM	5.2	158			09:58 AM	5.7	174			11:04 AM	5.0	152
	02:11 PM	0.9	27			02:27 PM	0.5	15			03:35 PM	1.3	40			03:41 PM	1.2	37			04:18 PM	2.4	73
	08:59 PM	5.4	165			09:08 PM	6.3	192			10:06 PM	6.5	198			10:02 PM	7.7	235			10:31 PM	6.9	210
2 Sa	02:19 AM	3.3	101		2 M	03:11 AM	1.9	58		17 Tu	04:35 AM	1.1	34		2 Th	04:49 AM	-0.6	-18		17 F	05:28 AM	0.0	0
	08:16 AM	6.4	195			09:04 AM	6.0	183			10:35 AM	5.3	162			11:04 AM	6.0	183			11:52 AM	5.3	162
	03:14 PM	0.6	18			03:25 PM	0.5	15			04:21 PM	1.6	49			04:37 PM	1.4	43			05:03 PM	2.6	79
	09:56 PM	5.9	180			09:56 PM	6.8	207			10:42 PM	6.7	204			10:49 PM	8.1	247			11:08 PM	7.1	216
3 Su	03:32 AM	2.8	85		3 Tu	04:12 AM	1.0	30		18 W	05:17 AM	0.6	18		3 F	05:41 AM	-1.3	-40		18 Sa	06:07 AM	-0.4	-12
	09:28 AM	6.6	201			10:12 AM	6.3	192			11:25 AM	5.5	168			12:04 PM	6.2	189			12:35 PM	5.5	168
	04:10 PM	0.3	9			04:19 PM	0.5	15			05:03 PM	1.8	55			05:30 PM	1.6	49			05:46 PM	2.6	79
	10:43 PM	6.4	195			10:41 PM	7.3	223			11:15 PM	6.9	210			11:36 PM	8.4	256			11:45 PM	7.3	223
4 M	04:33 AM	2.0	61		4 W	05:06 AM	0.6	18		19 Th	05:55 AM	0.1	3		4 Sa	06:31 AM	-1.8	-55		19 Su	06:43 AM	-0.7	-21
	10:31 AM	7.0	213			11:14 AM	6.6	201			12:10 PM	5.7	174			12:59 PM	6.5	198			01:15 PM	5.7	174
	05:00 PM	0.0	0			05:10 PM	0.6	18			05:42 PM	1.9	58			06:22 PM	1.8	55			06:27 PM	2.6	79
	11:24 PM	7.0	213			11:23 PM	7.9	241			11:47 PM	7.1	216										
5 Tu	05:25 AM	1.1	34		5 Th	05:57 AM	-0.8	-24		20 F	06:31 AM	-0.2	-6		5 Su	12:22 AM	8.5	259		20 M	12:21 AM	7.4	226
	11:27 AM	7.3	223			12:11 PM	6.8	207			12:51 PM	5.8	177			07:19 AM	-2.1	-64			07:20 AM	-0.9	-27
	05:46 PM	-0.1	-3			05:58 PM	0.8	24			06:19 PM	2.1	64			01:52 PM	6.6	201			01:54 PM	5.9	180
														●		07:13 PM	2.0	61			07:07 PM	2.6	79
6 W	12:03 AM	7.6	232		6 F	12:05 AM	8.3	253		21 Sa	12:18 AM	7.2	219		6 M	01:09 AM	8.4	256		21 Tu	12:57 AM	7.4	226
	06:15 AM	0.2	6			06:46 AM	-1.5	-46			07:06 AM	-0.5	-15			08:06 AM	-2.1	-64			07:56 AM	-1.1	-34
	12:21 PM	7.6	232			01:05 PM	6.9	210			01:31 PM	5.9	180			02:43 PM	6.6	201			02:33 PM	6.0	183
	06:30 PM	0.0	0			06:45 PM	1.1	34			06:54 PM	2.3	70			08:04 PM	2.1	64			07:48 PM	2.6	79
7 Th	12:41 AM	8.0	244		7 Sa	12:48 AM	8.5	259		22 Su	12:49 AM	7.2	219		7 Tu	01:56 AM	8.1	247		22 W	01:35 AM	7.3	223
	07:02 AM	-0.5	-15			07:34 AM	-1.9	-58			07:41 AM	-0.7	-21			08:53 AM	-1.9	-58			08:33 AM	-1.1	-34
	01:12 PM	7.6	232			01:58 PM	6.9	210			02:10 PM	5.9	180			03:34 PM	6.6	201			03:12 PM	6.1	186
	07:12 PM	0.2	6			07:32 PM	1.4	43			07:30 PM	2.4	73			08:56 PM	2.3	70			08:30 PM	2.5	76
8 F	01:21 AM	8.4	256		8 Su	01:32 AM	8.5	259		23 M	01:21 AM	7.2	219		8 W	02:45 AM	7.6	232		23 Th	02:15 AM	7.2	219
	07:50 AM	-1.0	-30			08:22 AM	-1.9	-58			08:16 AM	-0.7	-21			09:39 AM	-1.5	-46			09:10 AM	-1.1	-34
	02:04 PM	7.5	229			02:52 PM	6.8	207			02:49 PM	5.9	180			04:24 PM	6.5	198			03:52 PM	6.2	189
	07:55 PM	0.6	18			08:20 PM	1.8	55			08:06 PM	2.6	79			09:50 PM	2.4	73			09:16 PM	2.5	76
9 Sa	02:01 AM	8.5	259		9 M	02:18 AM	8.3	253		24 Tu	01:55 AM	7.2	219		9 Th	03:36 AM	7.0	213		24 F	02:59 AM	6.9	210
	08:38 AM	-1.3	-40			09:11 AM	-1.8	-55			08:52 AM	-0.7	-21			10:25 AM	-0.9	-27			09:50 AM	-0.9	-27
	02:57 PM	7.2	219			03:46 PM	6.6	201			03:30 PM	5.9	180			05:13 PM	6.4	195			04:33 PM	6.4	195
	08:39 PM	1.1	34			09:10 PM	2.1	64			08:45 PM	2.7	82			10:48 PM	2.5	76			10:08 PM	2.3	70
10 Su	02:44 AM	8.4	256		10 Tu	03:06 AM	7.8	238		25 W	02:31 AM	7.0	213		10 F	04:29 AM	6.3	192		25 Sa	03:48 AM	6.6	201
	09:28 AM	-1.2	-37			10:01 AM	-1.3	-40			09:31 AM	-0.7	-21			11:12 AM	-0.3	-9			10:33 AM	-0.6	-18
	03:52 PM	6.8	207			04:42 PM	6.4	195			04:13 PM	5.9	180			06:03 PM	6.3	192			05:17 PM	6.5	198
	09:25 PM	1.7	52			10:04 PM	2.5	76			09:28 PM	2.8	85			11:51 PM	2.5	76			11:06 PM	2.1	64
11 M	03:30 AM	8.1	247		11 W	03:57 AM	7.3	223		26 Th	03:12 AM	6.8	207		11 Sa	05:27 AM	5.7	174		26 Su	04:45 AM	6.1	186
	10:20 AM	-0.9	-27			10:53 AM	-0.8	-24			10:12 AM	-0.5	-15			12:01 PM	0.3	9			11:19 AM	-0.1	-3
	04:50 PM	6.3	192			05:39 PM	6.2	189			04:58 PM	5.9	180			06:52 PM	6.3	192			06:03 PM	6.7	204
	10:16 PM	2.3	70			11:06 PM	2.7	82			10:19 PM	2.8	85										
12 Tu	04:20 AM	7.7	235		12 Th	04:54 AM	6.6	201		27 F	03:59 AM	6.5	198		12 Su	01:00 AM	2.3	70		27 M	12:11 AM	1.8	55
	11:17 AM	-0.4	-12			11:48 AM	-0.2	-6			10:58 AM	-0.3	-9			06:33 AM	5.1	155			05:52 AM	5.6	171
	05:54 PM	6.0	183			06:39 PM	6.1	186			05:47 PM	6.0	183			12:52 PM	0.9	27			12:10 PM	0.4	12
	11:15 PM	2.8	85								11:19 PM	2.8	85			●	07:41 PM	6.3	192			●	06:52 PM
13 W	05:17 AM	7.1	216		13 F	12:17 AM	2.8	85		28 Sa	04:57 AM	6.1	186		13 M	02:07 AM	2.0	61		28 Tu	01:21 AM	1.3	40
	12:19 PM	0.1	3			05:58 AM	6.0	183			11:49 AM	-0.1	-3			07:45 AM	4.8	146			07:09 AM	5.3	162
	07:05 PM	5.8	177			12:46 PM	0.3	9			06:38 PM	6.1	186			01:45 PM	1.4	43			01:06 PM	1.0	30
						07:39 PM	6.1	186								08:28 PM	6.4	195			07:44 PM	7.2	219
14 Th	12:28 AM	3.1	94		14 Sa	01:33 AM	2.7	82		29 Su	12:29 AM	2.5	76		14 Tu	03:09 AM	1.5	46		29 W	02:30 AM	0.7	21
	06:24 AM	6.5	198			07:10 AM	5.5	168			06:06 AM	5.8	177			08:59 AM	4.7	143			08:31 AM	5.1	155
	01:27 PM	0.4	12			01:45 PM	0.7	21			12:44 PM	0.3	9			02:38 PM	1.9	58			02:07 PM	1.5	46
	08:18 PM	5.8	177			08:35 PM	6.2	189			07:31 PM	6.4	195			09:12 PM	6.5	198			08:38 PM	7.5	229
15 F	01:52 AM	3.1	94		15 Su	02:46 AM	2.3	70		30 M	01:42 AM	2.0	61		15 W	04:01 AM	1.0	30		30 Th	03:35 AM	-0.1	-3
	07:41 AM	6.1	186			08:25 AM	5.2	158			07:24 AM	5.5	168			10:07 AM	4.8	146			09:49 AM	5.3	162
	02:33 PM	0.6	18			02:43 PM	1.1	34			01:43 PM	0.6	18			03:30 PM	2.2	67			03:10 PM	1.9	58
	09:24 PM	6.0	183			09:24 PM	6.3	192			08:23 PM	6.8	207			09:53 PM	6.7	204			09:32 PM	7.8	238



### Times and Heights of High and Low Waters

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.



Florence USCG Pier,Oregon,2016

Times and Heights of High and Low Waters

October					November					December				
Time		Height			Time		Height			Time		Height		
h m		ft cm			h m		ft cm			h m		ft cm		
1	01:02 AM	6.8	207		16	12:49 AM	7.5	229		16	01:40 AM	6.7	204	
Sa	07:08 AM	0.7	21		Su	06:45 AM	0.7	21		F	07:35 AM	2.8	85	
●	01:17 PM	7.1	216		O	12:50 PM	8.3	253			01:24 PM	8.7	265	
	07:35 PM	0.4	12			07:23 PM	-1.0	-30			08:15 PM	-1.2	-37	
2	01:42 AM	6.7	204		17	01:40 AM	7.5	229		2	02:18 AM	6.7	204	
Su	07:41 AM	1.1	34		M	07:29 AM	1.0	30		F	07:36 AM	3.4	104	
	01:46 PM	7.1	216			01:31 PM	8.5	259		Sa	01:18 PM	7.6	232	
	08:10 PM	0.3	9			08:11 PM	-1.3	-40			08:14 PM	-0.1	-3	
3	02:21 AM	6.5	198		18	02:33 AM	7.3	223		3	02:56 AM	6.7	204	
M	08:13 AM	1.5	46		Tu	08:14 AM	1.4	43		Sa	08:16 AM	3.4	104	
	02:15 PM	7.0	213			02:15 PM	8.5	259			01:56 PM	7.4	226	
	08:45 PM	0.3	9			09:00 PM	-1.3	-40			08:51 PM	0.1	3	
4	03:02 AM	6.3	192		19	03:28 AM	7.0	213		4	03:36 AM	6.7	204	
Tu	08:45 AM	2.0	61		W	09:01 AM	1.9	58		Su	09:01 AM	3.4	104	
	02:45 PM	6.9	210			03:01 PM	8.3	253			02:38 PM	7.1	216	
	09:22 PM	0.4	12			09:52 PM	-1.0	-30			09:31 PM	0.3	9	
5	03:44 AM	6.0	183		20	04:26 AM	6.7	204		5	04:19 AM	6.8	207	
W	09:17 AM	2.4	73		Th	09:53 AM	2.4	73		M	09:53 AM	3.4	104	
	03:17 PM	6.8	207			03:52 PM	7.9	241			03:28 PM	6.7	204	
	10:02 PM	0.6	18			10:48 PM	-0.6	-18			10:15 PM	0.6	18	
6	04:30 AM	5.7	174		21	05:28 AM	6.4	195		6	05:04 AM	6.9	210	
Th	09:53 AM	2.8	85		F	10:52 AM	2.8	85		Tu	10:56 AM	3.2	98	
	03:53 PM	6.6	201			04:50 PM	7.4	226			04:30 PM	6.3	192	
	10:47 PM	0.8	24			11:48 PM	-0.1	-3			11:06 PM	1.0	30	
7	05:21 AM	5.5	168		22	06:34 AM	6.3	192		7	05:53 AM	7.0	213	
F	10:36 AM	3.1	94		Sa	12:02 PM	3.1	94		W	12:06 PM	2.8	85	
	04:37 PM	6.4	195		●	05:56 PM	6.8	207		●	05:44 PM	6.0	183	
	11:40 PM	1.0	30											
8	06:21 AM	5.3	162		23	12:53 AM	0.3	9		8	12:02 AM	1.5	46	
Sa	11:32 AM	3.4	104		Su	07:42 AM	6.3	192		Th	06:45 AM	7.3	223	
	05:32 PM	6.2	189			01:22 PM	3.0	91			01:17 PM	2.1	64	
						07:11 PM	6.4	195			07:07 PM	5.9	180	
9	12:41 AM	1.1	34		24	01:58 AM	0.7	21		9	01:03 AM	1.9	58	
Su	07:28 AM	5.3	162		M	08:46 AM	6.4	195		F	07:37 AM	7.7	235	
●	12:46 PM	3.4	104			02:40 PM	2.7	82			02:22 PM	1.3	40	
	06:41 PM	6.0	183			08:28 PM	6.2	189			08:28 PM	6.0	183	
10	01:46 AM	1.1	34		25	03:00 AM	0.9	27		10	02:05 AM	2.3	70	
M	08:33 AM	5.5	168		Tu	09:41 AM	6.6	201		Sa	08:29 AM	8.1	247	
	02:04 PM	3.2	98			03:46 PM	2.2	67			03:22 PM	0.4	12	
	07:57 PM	6.1	186			09:38 PM	6.1	186			09:40 PM	6.3	192	
11	02:47 AM	0.9	27		26	03:54 AM	1.1	34		11	03:06 AM	2.5	76	
Tu	09:27 AM	5.9	180		W	10:26 AM	6.9	210		Su	09:20 AM	8.6	262	
	03:11 PM	2.7	82			04:39 PM	1.6	49			04:17 PM	-0.4	-12	
	09:07 PM	6.3	192			10:38 PM	6.2	189			10:43 PM	6.8	207	
12	03:42 AM	0.7	21		27	04:42 AM	1.2	37		12	04:04 AM	2.7	82	
W	10:13 AM	6.4	195		Th	11:04 AM	7.1	216		M	10:09 AM	9.0	274	
	04:09 PM	2.0	61			05:24 PM	1.1	34			05:08 PM	-1.1	-34	
	10:08 PM	6.7	204			11:28 PM	6.4	195			11:39 PM	7.1	216	
13	04:31 AM	0.5	15		28	05:24 AM	1.4	43		13	04:59 AM	2.7	82	
Th	10:54 AM	6.9	210		F	11:37 AM	7.3	223		Tu	10:58 AM	9.2	280	
	05:00 PM	1.1	34			06:03 PM	0.6	18			05:57 PM	-1.5	-46	
	11:04 PM	7.0	213											
14	05:17 AM	0.4	12		29	12:12 AM	6.5	198		14	12:32 AM	7.4	226	
F	11:33 AM	7.4	226		Sa	06:02 AM	1.7	52		W	05:52 AM	2.8	85	
	05:49 PM	0.3	9			12:08 PM	7.4	226		●	11:46 AM	9.3	283	
	11:57 PM	7.3	223			06:39 PM	0.3	9		O	06:44 PM	-1.7	-52	
15	06:02 AM	0.5	15		30	12:53 AM	6.6	201		15	01:21 AM	7.6	232	
Sa	12:11 PM	7.9	241		Su	06:37 AM	1.9	58		Th	06:44 AM	2.8	85	
	06:36 PM	-0.4	-12		●	12:38 PM	7.4	226			12:35 PM	9.1	277	
						07:14 PM	0.1	3			07:30 PM	-1.6	-49	
					31	01:33 AM	6.6	201		31	01:57 AM	7.1	216	
					M	07:11 AM	2.2	67		Sa	07:20 AM	3.2	98	
						01:07 PM	7.5	229			01:03 PM	7.9	241	
						07:48 PM	0.0	0			07:53 PM	-0.3	-9	