



## NOAA Tide Predictions

### NORTH JETTY, WA, 2023

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.



StationId: 9440574  
 Source: NOAA/NOS/CO-OPS  
 Station Type: Subordinate  
 Time Zone: LST\_LDT  
 Datum: MLLW

NOAA Tide Predictions

**NORTH JETTY, WA, 2023**  
 (46 16.4N / 124 04.3W)

Times and Heights of High and Low Waters

January					February					March																			
Time	Height				Time	Height				Time	Height				Time	Height													
	h	m	ft	cm		h	m	ft	cm		h	m	ft	cm		h	m	ft	cm										
<b>1</b>	01:19 AM	2.7	82		<b>16</b>	06:44 AM	8.6	262		<b>1</b>	02:46 AM	4.2	128		<b>16</b>	02:03 AM	4.3	131		<b>1</b>	01:08 AM	4.3	131		<b>16</b>	01:27 AM	4.2	128	
	08:01 AM	8.8	268			01:55 PM	1.5	46			09:03 AM	8.3	253			08:15 AM	8.9	271			07:23 AM	7.5	229			07:38 AM	8.2	250	
Su	02:51 PM	0.9	27		M	08:33 PM	5.8	177		W	04:17 PM	0.4	12		Th	03:44 PM	0.0	0		W	02:53 PM	1.1	34		Th	03:16 PM	0.4	12	
	09:14 PM	6.4	195								11:00 PM	6.9	210			10:38 PM	6.7	204			09:42 PM	6.3	192			10:16 PM	6.3	192	
<b>2</b>	02:16 AM	3.2	98		<b>17</b>	01:08 AM	3.8	116		<b>2</b>	03:45 AM	4.2	128		<b>17</b>	03:20 AM	4.0	122		<b>2</b>	02:25 AM	4.3	131		<b>17</b>	03:01 AM	4.0	122	
	08:49 AM	8.9	271			07:40 AM	8.9	271			09:55 AM	8.4	256			09:27 AM	9.2	280			08:34 AM	7.5	229			09:04 AM	8.2	250	
M	03:46 PM	0.4	12		Tu	03:01 PM	0.7	21		Th	05:02 PM	0.2	6		F	04:40 PM	-0.7	-21		Th	03:49 PM	0.7	21		F	04:21 PM	-0.1	-3	
	10:19 PM	6.7	204			09:51 PM	6.3	192			11:45 PM	7.3	223			11:27 PM	7.3	223			10:34 PM	6.8	207			11:12 PM	6.9	210	
<b>3</b>	03:11 AM	3.6	110		<b>18</b>	02:21 AM	4.1	125		<b>3</b>	04:38 AM	4.0	122		<b>18</b>	04:25 AM	3.4	104		<b>3</b>	03:28 AM	3.9	119		<b>18</b>	04:15 AM	3.3	101	
	09:34 AM	9.0	274			08:40 AM	9.3	283			10:42 AM	8.5	259			10:31 AM	9.5	290			09:35 AM	7.9	235			10:21 AM	8.5	259	
Tu	04:36 PM	0.0	0		W	04:01 PM	0.0	0		F	05:42 PM	0.0	0		Sa	05:29 PM	-1.1	-34		F	04:34 PM	0.4	12		Sa	05:15 PM	-0.5	-15	
	11:14 PM	7.1	216			10:54 PM	6.8	207													11:15 PM	7.1	216			11:57 PM	7.5	229	
<b>4</b>	04:03 AM	3.9	119		<b>19</b>	03:30 AM	4.2	128		<b>4</b>	12:24 AM	7.5	229		<b>19</b>	12:11 AM	7.8	238		<b>4</b>	04:21 AM	3.4	104		<b>19</b>	05:17 AM	2.4	73	
	10:17 AM	9.0	274			09:40 AM	9.6	293			05:24 AM	3.7	113			05:23 AM	2.7	82			10:27 AM	7.9	241			11:25 AM	8.8	268	
W	05:20 PM	-0.2	-6		Th	04:56 PM	-0.7	-21		Sa	11:25 AM	8.6	262		Su	11:29 AM	9.7	296		Sa	05:12 PM	0.2	6		Su	06:02 PM	-0.7	-21	
						11:47 PM	7.3	223			06:18 PM	-0.1	-3			06:14 PM	-1.3	-40			11:50 PM	7.4	226						
<b>5</b>	12:01 AM	7.3	223		<b>20</b>	04:32 AM	3.9	119		<b>5</b>	12:59 AM	7.6	232		<b>20</b>	12:51 AM	8.3	253		<b>5</b>	05:06 AM	2.9	88		<b>20</b>	12:38 AM	8.1	247	
	04:52 AM	4.0	122			10:38 AM	10.0	305			06:06 AM	3.4	104			06:16 AM	1.9	58			11:11 AM	8.0	244			06:12 AM	1.4	43	
Th	10:57 AM	9.0	274		F	05:48 PM	-1.2	-37		Su	12:04 PM	8.6	262		M	12:22 PM	9.7	296		Su	05:46 PM	0.1	3		M	12:22 PM	8.9	271	
	06:01 PM	-0.3	-9							O	06:50 PM	-0.2	-6			●	06:56 PM	-1.2	-37							06:45 PM	-0.7	-21	
<b>6</b>	12:45 AM	7.5	229		<b>21</b>	12:35 AM	7.7	235		<b>6</b>	01:31 AM	7.7	235		<b>21</b>	01:30 AM	8.6	262		<b>6</b>	12:22 AM	7.6	232		<b>21</b>	01:15 AM	8.6	262	
	05:37 AM	4.0	122			05:31 AM	3.6	110			06:46 AM	3.0	91			07:07 AM	1.3	40			05:48 AM	2.4	73			07:03 AM	0.6	18	
F	11:36 AM	9.0	274		Sa	11:33 AM	10.2	311		M	12:41 PM	8.5	259		Tu	01:13 PM	9.4	287		M	11:51 AM	8.1	247		Tu	01:15 PM	8.8	268	
O	06:39 PM	-0.3	-9		●	06:35 PM	-1.5	-46			07:19 PM	-0.1	-3			07:34 PM	-0.9	-27			06:17 PM	0.0	0		●	07:24 PM	-0.5	-15	
<b>7</b>	01:24 AM	7.6	232		<b>22</b>	01:20 AM	8.1	247		<b>7</b>	02:00 AM	7.8	238		<b>22</b>	02:07 AM	8.9	271		<b>7</b>	12:50 AM	7.8	238		<b>22</b>	01:51 AM	8.9	271	
	06:20 AM	4.0	122			06:26 AM	3.1	94			07:23 AM	2.7	82			07:55 AM	0.8	24			06:26 AM	1.9	58			07:51 AM	0.0	0	
Sa	12:13 PM	8.9	271		Su	12:27 PM	10.2	311		Tu	01:17 PM	8.3	253		W	02:04 PM	8.8	268		Tu	12:30 PM	8.0	244		W	02:05 PM	8.6	262	
	07:13 PM	-0.2	-6			07:20 PM	-1.5	-46			07:46 PM	0.0	0			08:11 PM	-0.3	-9		O	06:45 PM	0.2	6			08:02 PM	0.0	0	
<b>8</b>	02:01 AM	7.6	232		<b>23</b>	02:03 AM	8.4	256		<b>8</b>	02:26 AM	7.9	241		<b>23</b>	02:43 AM	9.0	274		<b>8</b>	01:16 AM	8.0	244		<b>23</b>	02:26 AM	9.1	277	
	07:00 AM	3.8	116			07:19 AM	2.6	79			07:58 AM	2.4	73			08:43 AM	0.6	18			07:02 AM	1.5	46			08:36 AM	-0.3	-9	
Su	12:49 AM	8.7	265		M	01:20 PM	9.9	302		W	01:54 PM	8.0	244		Th	02:55 PM	8.2	250		W	01:08 PM	7.9	241		Th	02:54 PM	8.2	250	
	07:45 PM	-0.1	-3			08:02 PM	-1.3	-40			08:11 PM	0.3	9			08:47 PM	0.5	15			07:12 PM	0.4	12			08:38 PM	0.7	21	
<b>9</b>	02:35 AM	7.6	232		<b>24</b>	02:44 AM	8.6	262		<b>9</b>	02:50 AM	8.0	244		<b>24</b>	03:19 AM	9.0	274		<b>9</b>	01:39 AM	8.2	250		<b>24</b>	02:59 AM	9.1	277	
	07:39 AM	3.7	113			08:11 AM	2.2	67			08:33 AM	2.1	64			09:32 AM	0.6	18			07:36 AM	1.1	34			09:20 AM	-0.4	-12	
M	01:26 PM	8.5	259		Tu	02:12 PM	9.4	287		Th	02:33 PM	7.6	232		F	03:49 PM	7.4	226		Th	01:46 PM	7.7	235		F	03:44 PM	7.6	232	
	08:14 PM	0.0	0			08:42 PM	-0.9	-27			08:37 PM	0.7	21			09:23 PM	1.4	43			07:39 PM	0.8	24			09:13 PM	1.4	43	
<b>10</b>	03:07 AM	7.6	232		<b>25</b>	03:25 AM	8.7	265		<b>10</b>	03:14 AM	8.2	250		<b>25</b>	03:55 AM	8.8	268		<b>10</b>	02:02 AM	8.4	256		<b>25</b>	03:32 AM	9.0	274	
	08:17 AM	3.5	107			09:03 AM	1.9	58			09:11 AM	1.9	58			10:24 AM	0.8	24			08:11 AM	0.8	24			10:04 AM	-0.2	-6	
Tu	02:03 PM	8.2	250		W	03:06 PM	8.6	262		F	03:16 PM	7.1	216		Sa	04:48 PM	6.7	204		F	02:27 PM	7.3	223		Sa	04:36 PM	7.1	216	
	08:42 PM	0.3	9			09:21 PM	-0.2	-6			09:05 PM	1.3	40			10:01 PM	2.3	70			08:06 PM	1.3	40			09:49 PM	2.2	67	
<b>11</b>	03:37 AM	7.6	232		<b>26</b>	04:05 AM	8.8	268		<b>11</b>	03:41 AM	8.4	256		<b>26</b>	04:34 AM	8.5	259		<b>11</b>	02:26 AM	8.6	262		<b>26</b>	04:05 AM	8.7	265	
	08:56 AM	3.3	101			09:58 AM	1.7	52			09:54 AM	1.7	52			11:22 AM	1.1	34			08:47 AM	0.6	18			10:50 AM	0.2	6	
W	02:42 PM	7.8	238		Th	04:03 PM	7.8	238		Sa	04:08 PM	6.6	201		Su	05:56 PM	6.1	186		Sa	03:12 PM	6.9	210		Su	05:31 PM	6.6	201	
	09:11 PM	0.6	18			10:01 PM	0.7	21			09:37 PM	2.0	61			10:48 PM	3.3	101			08:35 PM	1.9	58			10:28 PM	3.0	91	
<b>12</b>	04:06 AM	7.7	235		<b>27</b>	04:46 AM	8.8	268		<b>12</b>	04:14 AM	8.6	262		<b>27</b>	05:19 AM	8.1	247		<b>12</b>	03:55 AM	8.8	268		<b>27</b>	04:42 AM	8.2	250	
	09:39 AM	3.1	94			10:57 AM	1.6	49			10:47 AM	1.6	49			12:31 PM	1.3	40			10:28 AM	0.6	18			11:42 AM	0.7	21	
Th	03:28 PM	7.2	219		F	05:06 PM	6.9	210		Su</																			



**NORTH JETTY, WA, 2023**  
 (46 16.4N / 124 04.3W)

Times and Heights of High and Low Waters

April				May				June			
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
<b>1</b> 04:05 AM	3.4 104	<b>16</b> 04:08 AM	2.3 70	<b>1</b> 04:26 AM	2.1 64	<b>16</b> 04:52 AM	0.4 12	<b>1</b> 05:25 AM	0.1 3	<b>16</b> 06:16 AM	-1.0 -30
10:08 AM	6.9 210	10:14 AM	7.7 235	10:33 AM	6.4 195	11:08 AM	7.0 213	11:58 AM	6.4 195	12:51 PM	6.8 207
Sa 04:50 PM	0.8 24	Su 04:41 PM	-0.1 -3	M 04:33 PM	1.2 37	Tu 04:48 PM	1.1 34	Th 05:02 PM	2.5 76	F 05:49 PM	2.9 88
11:32 PM	7.1 216	11:20 PM	7.9 241	11:11 PM	7.6 232	11:19 PM	8.8 268	11:19 PM	8.6 262		
<b>2</b> 04:57 AM	2.7 82	<b>17</b> 05:06 AM	1.3 40	<b>2</b> 05:12 AM	1.3 40	<b>17</b> 05:44 AM	-0.4 -12	<b>2</b> 06:10 AM	-0.5 -15	<b>17</b> 12:02 AM	8.8 268
11:03 AM	6.9 210	11:17 AM	7.9 241	11:26 AM	6.7 204	12:05 PM	7.2 219	12:50 PM	6.6 201	07:01 AM	-1.1 -34
Su 05:28 PM	0.6 18	M 05:27 PM	0.0 0	Tu 05:11 PM	1.3 40	W 05:33 PM	1.5 46	F 05:48 PM	2.9 88	Sa 01:41 PM	6.9 210
		11:59 PM	8.5 259	11:41 PM	7.9 241	11:57 PM	9.1 277	11:56 PM	9.0 274	06:36 PM	3.2 98
<b>3</b> 12:06 AM	7.4 226	<b>18</b> 05:59 AM	0.3 9	<b>3</b> 05:55 AM	0.6 18	<b>18</b> 06:31 AM	-0.9 -27	<b>3</b> 06:55 AM	-1.0 -30	<b>18</b> 12:40 AM	8.7 265
05:42 AM	2.0 61	12:15 PM	8.0 244	12:16 PM	6.9 210	12:58 PM	7.2 219	01:41 PM	6.8 207	07:43 AM	-1.0 -30
M 11:51 AM	7.3 223	Tu 06:09 PM	0.3 9	W 05:48 PM	1.6 49	Th 06:16 PM	2.0 61	Sa 06:34 PM	3.1 94	Su 02:27 PM	7.0 213
06:03 PM	0.5 15									● 07:21 PM	3.4 104
<b>4</b> 12:35 AM	7.7 235	<b>19</b> 12:36 AM	8.9 271	<b>4</b> 12:10 AM	8.3 253	<b>19</b> 12:32 AM	9.1 277	<b>4</b> 12:36 AM	9.3 283	<b>19</b> 01:18 AM	8.5 259
06:23 AM	1.4 43	06:47 AM	-0.4 -12	06:36 AM	0.0 0	07:16 AM	-1.1 -34	07:41 AM	-1.4 -43	08:22 AM	-0.9 -27
Tu 12:34 PM	7.5 229	W 01:06 PM	7.9 241	Th 01:03 PM	7.0 213	F 01:49 PM	7.2 219	Su 02:31 PM	7.0 213	M 03:10 PM	6.9 210
06:35 PM	0.7 21	01:49 PM	0.7 21	06:25 PM	1.9 58	● 06:58 PM	2.5 76	○ 07:22 PM	3.3 101	○ 08:04 PM	3.4 104
<b>5</b> 01:02 AM	8.0 244	<b>20</b> 01:11 AM	9.1 277	<b>5</b> 12:39 AM	8.6 262	<b>20</b> 01:07 AM	9.0 274	<b>5</b> 01:19 AM	9.4 287	<b>20</b> 01:55 AM	8.3 253
07:02 AM	0.8 24	07:33 AM	-0.8 -24	07:16 AM	-0.5 -15	07:59 AM	-1.1 -34	08:27 AM	-1.5 -46	08:59 AM	-0.7 -21
W 01:16 PM	7.5 229	Th 01:56 PM	7.8 238	F 01:49 PM	7.1 216	Sa 02:37 PM	7.2 219	M 03:21 PM	7.0 213	Tu 03:51 PM	6.9 210
07:06 PM	0.9 27	● 07:28 PM	1.3 40	○ 07:03 PM	2.3 70	○ 07:40 PM	2.9 88	08:12 PM	3.3 101	08:46 PM	3.4 104
<b>6</b> 01:27 AM	8.3 253	<b>21</b> 01:44 AM	9.2 280	<b>6</b> 01:09 AM	8.9 271	<b>21</b> 01:42 AM	8.8 268	<b>6</b> 02:06 AM	9.4 287	<b>21</b> 02:33 AM	8.0 244
07:39 AM	0.4 12	08:17 AM	-1.0 -30	07:56 AM	-0.8 -24	08:39 AM	-0.9 -27	09:14 AM	-1.5 -46	09:34 AM	-0.5 -15
Th 01:58 PM	7.4 226	F 02:45 PM	7.6 232	Sa 02:37 PM	7.1 216	Su 03:24 PM	7.1 216	Tu 04:10 PM	7.1 216	W 04:30 PM	6.8 207
○ 07:37 PM	1.3 40	08:06 PM	1.9 58	07:41 PM	2.7 82	08:21 PM	3.3 101	09:03 PM	3.3 101	09:28 PM	3.3 101
<b>7</b> 01:52 AM	8.5 259	<b>22</b> 02:17 AM	9.0 274	<b>7</b> 01:42 AM	9.2 280	<b>22</b> 02:16 AM	8.6 262	<b>7</b> 02:56 AM	9.1 277	<b>22</b> 03:12 AM	7.7 235
08:15 AM	0.0 0	08:58 AM	-0.9 -27	08:37 AM	-1.0 -30	09:19 AM	-0.6 -18	10:01 AM	-1.4 -43	10:07 AM	-0.2 -6
F 02:41 PM	7.3 223	Sa 03:34 PM	7.3 223	Su 03:25 PM	7.0 213	M 04:11 PM	6.9 210	W 05:01 PM	7.1 216	Th 05:08 PM	6.7 204
08:08 PM	1.7 52	08:44 PM	2.5 76	08:22 PM	3.0 91	09:02 PM	3.5 107	09:59 PM	3.2 98	10:11 PM	3.2 98
<b>8</b> 02:18 AM	8.8 268	<b>23</b> 02:49 AM	8.8 268	<b>8</b> 02:20 AM	9.2 280	<b>23</b> 02:52 AM	8.2 250	<b>8</b> 03:52 AM	8.7 265	<b>23</b> 03:54 AM	7.2 219
08:51 AM	-0.3 -9	09:39 AM	-0.6 -18	09:21 AM	-1.0 -30	09:57 AM	-0.3 -9	10:51 AM	-1.0 -30	10:40 AM	0.1 3
Sa 03:25 PM	7.1 216	Su 04:24 PM	6.9 210	M 04:17 PM	6.8 207	Tu 04:57 PM	6.7 204	Th 05:51 PM	7.1 216	F 05:44 PM	6.7 204
08:40 PM	2.2 67	09:22 PM	3.0 91	09:06 PM	3.3 101	09:45 PM	3.7 113	11:00 PM	3.0 91	10:59 PM	3.1 94
<b>9</b> 02:47 AM	9.0 274	<b>24</b> 03:23 AM	8.4 256	<b>9</b> 03:03 AM	9.1 277	<b>24</b> 03:31 AM	7.8 238	<b>9</b> 04:53 AM	8.0 244	<b>24</b> 04:42 AM	6.7 204
09:30 AM	-0.4 -12	10:21 AM	-0.1 -3	10:08 AM	-0.9 -27	10:37 AM	0.1 3	11:42 AM	-0.6 -18	11:15 AM	0.5 15
Su 04:14 PM	6.8 207	M 05:16 PM	6.6 201	Tu 05:12 PM	6.7 204	W 05:44 PM	6.5 198	F 06:43 PM	7.3 223	Sa 06:22 PM	6.8 207
09:15 PM	2.7 82	10:03 PM	3.5 107	09:57 PM	3.5 107	10:33 PM	3.8 116			11:54 PM	2.9 88
<b>10</b> 03:22 AM	9.0 274	<b>25</b> 03:59 AM	8.0 244	<b>10</b> 03:53 AM	8.8 268	<b>25</b> 04:15 AM	7.3 223	<b>10</b> 12:09 AM	2.7 82	<b>25</b> 05:38 AM	6.1 186
10:14 AM	-0.2 -6	11:07 AM	0.4 12	11:02 AM	-0.6 -18	11:20 AM	0.5 15	06:03 AM	7.3 223	11:54 AM	0.9 27
M 05:10 PM	6.4 195	Tu 06:12 PM	6.3 192	W 06:11 PM	6.6 201	Th 06:33 PM	6.4 195	Sa 12:36 PM	0.0 0	Su 07:00 PM	6.9 210
09:56 PM	3.2 98	10:52 PM	3.9 119	10:58 PM	3.6 110	11:29 PM	3.8 116	● 07:34 PM	7.6 232		
<b>11</b> 04:04 AM	8.9 271	<b>26</b> 04:43 AM	7.4 226	<b>11</b> 04:53 AM	8.3 253	<b>26</b> 05:08 AM	6.8 207	<b>11</b> 01:22 AM	2.1 64	<b>26</b> 12:56 AM	2.5 76
11:07 AM	0.0 0	12:01 PM	0.9 27	12:03 PM	-0.2 -6	12:07 PM	0.8 24	07:19 AM	6.7 204	06:47 AM	5.6 171
Tu 06:15 PM	6.1 186	W 07:13 PM	6.1 186	Th 07:12 PM	6.6 201	F 07:22 PM	6.5 198	Su 01:32 PM	0.5 15	M 12:40 PM	1.5 46
10:49 PM	3.7 113	11:55 PM	4.1 125					08:24 PM	7.9 241	● 07:39 PM	7.2 219
<b>12</b> 04:58 AM	8.5 259	<b>27</b> 05:40 AM	6.9 210	<b>12</b> 12:13 AM	3.5 107	<b>27</b> 12:35 AM	3.6 110	<b>12</b> 02:34 AM	1.4 43	<b>27</b> 02:02 AM	2.0 61
12:16 PM	0.3 9	01:03 PM	1.2 37	06:06 AM	7.7 235	06:14 AM	6.2 189	08:37 AM	6.3 192	08:07 AM	5.3 162
W 07:30 PM	6.0 183	Th 08:15 PM	6.2 189	F 01:09 PM	0.1 3	Sa 12:59 PM	1.1 34	M 02:27 PM	1.1 34	Tu 01:32 PM	2.0 61
		○ 08:12 PM	6.9 210	● 08:12 PM	6.9 210	○ 08:09 PM	6.6 201	09:12 PM	8.3 253	08:21 PM	7.5 229
<b>13</b> 12:03 AM	4.0 122	<b>28</b> 01:11 AM	4.0 122	<b>13</b> 01:35 AM	3.1 94	<b>28</b> 01:46 AM	3.2 98	<b>13</b> 03:39 AM	0.6 18	<b>28</b> 03:05 AM	1.3 40
06:07 AM	8.0 244	06:56 AM	6.4 195	07:28 AM	7.2 219	07:31 AM	5.8 177	09:52 AM	6.2 189	09:27 AM	5.3 162
Th 01:35 PM	0.4 12	F 02:07 PM	1.3 40	Sa 02:13 PM	0.3 9	Su 01:52 PM	1.4 43	Tu 03:21 PM	1.6 49	W 02:29 PM	2.5 76
● 08:43 PM	6.2 189	09:11 PM	6.4 195	09:07 PM	7.3 223	08:53 PM	6.9 210	09:58 PM	8.6 262	09:05 PM	7.9 241
<b>14</b> 01:35 AM	3.9 119	<b>29</b> 02:28 AM	3.6 110	<b>14</b> 02:50 AM	2.3 70	<b>29</b> 02:51 AM	2.5 76	<b>14</b> 04:36 AM	-0.1 -3	<b>29</b> 04:03 AM	0.6 18
07:32 AM	7.7 235	08:18 AM	6.2 189	08:50 AM	6.9 210	08:49 AM	5.7 174	10:59 AM	6.3 192	10:39 AM	5.6 171
F 02:48 PM	0.3 9	Sa 03:04 PM	1.3 40	Su 03:10 PM	0.5 15	M 02:43 PM	1.6 49	W 04:12 PM	2.1 64	Th 03:26 PM	2.9 88
09:45 PM	6.7 204	09:58 PM	6.7 204	09:56 PM	7.9 241	09:33 PM	7.3 223	10:41 PM	8.8 268	09:51 PM	8.3 253
<b>15</b> 02:59 AM	3.2 98	<b>30</b> 03:32 AM	2.9 88	<b>15</b> 03:55 AM	1.3 40	<b>30</b> 03:48 AM	1.7 52	<b>15</b> 05:28 AM	-0.7 -21	<b>30</b> 04:57 AM	-0.2 -6
08:59 AM	7.6 232	09:31 AM	6.3 192	10:03 AM	6.9 210	09:59 AM	5.8 177	11:58 AM	6.6 201	11:42 AM	6.0 183
Sa 03:50 PM	0.1 3	Su 03:51 PM	1.2 37	M 04:02 PM	0.7 21	Tu 03:31 PM	1.9 58	Th 05:01 PM	2.5 76	F 04:23 PM	3.2 98
10:36 PM	7.3 223	10:38 PM	7.1 216	10:39 PM	8.4 256	10:09 PM	7.8 238	11:22 PM	8.9 271	10:38 PM	8.7 265
						<b>31</b> 04:38 AM	0.9 27				
						11:01 AM	6.1 186				
						W 04:17 PM	2.2 67				
						10:44 PM	8.2 250				

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: Astoria ( 9439040 ) Time offset in mins (high: -44 low: -60) Height offset in feet (high: +0.3 low: +0.03)



StationId: 9440574  
 Source: NOAA/NOS/CO-OPS  
 Station Type: Subordinate  
 Time Zone: LST\_LDT  
 Datum: MLLW

NOAA Tide Predictions

**NORTH JETTY, WA, 2023**  
 (46 16.4N / 124 04.3W)

Times and Heights of High and Low Waters

July				August				September			
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
<b>1</b> 05:49 AM	-0.8 -24	<b>16</b> 06:46 AM	-0.9 -27	<b>1</b> 12:08 AM	9.1 277	<b>16</b> 12:53 AM	7.8 238	<b>1</b> 01:50 AM	8.7 265	<b>16</b> 01:56 AM	7.2 219
12:38 PM	6.4 195	01:27 PM	6.8 207	07:11 AM	-1.9 -58	07:35 AM	-0.8 -24	08:08 AM	-1.4 -43	07:54 AM	0.2 6
Sa 05:20 PM	3.3 101	Su 06:21 PM	3.2 98	Tu 01:54 PM	7.0 213	W 02:11 PM	7.0 213	F 02:37 PM	8.2 250	Sa 02:16 PM	7.6 232
11:27 PM	9.1 277			07:00 PM	2.3 70	07:31 PM	2.0 61	08:29 PM	-0.1 -3	08:19 PM	0.4 12
<b>2</b> 06:39 AM	-1.3 -40	<b>17</b> 12:24 AM	8.3 253	<b>2</b> 01:03 AM	9.3 283	<b>17</b> 01:31 AM	7.7 235	<b>2</b> 02:41 AM	8.3 253	<b>17</b> 02:33 AM	7.0 213
01:30 PM	6.7 204	07:26 AM	-0.9 -27	07:56 AM	-2.0 -61	08:04 AM	-0.7 -21	08:47 AM	-0.8 -24	08:20 AM	0.6 18
Su 06:15 PM	3.3 101	M 02:08 PM	6.9 210	W 02:37 PM	7.4 226	Th 02:40 PM	7.0 213	Sa 03:14 PM	8.4 256	Su 02:38 PM	7.8 238
		07:06 PM	3.1 94	07:53 PM	1.8 55	08:08 PM	1.7 52	09:18 PM	-0.4 -12	08:51 PM	0.2 6
<b>3</b> 12:17 AM	9.3 283	<b>18</b> 01:04 AM	8.2 250	<b>3</b> 01:56 AM	9.1 277	<b>18</b> 02:08 AM	7.5 229	<b>3</b> 03:34 AM	7.7 235	<b>18</b> 03:13 AM	6.7 204
07:28 AM	-1.7 -52	08:03 AM	-0.9 -27	08:38 AM	-1.9 -58	08:31 AM	-0.5 -15	09:24 AM	-0.1 -3	08:46 AM	1.1 34
M 02:18 PM	6.9 210	Tu 02:46 PM	6.9 210	Th 03:17 PM	7.7 235	F 03:06 PM	7.1 216	Su 03:51 PM	8.4 256	M 03:01 PM	8.0 244
07:10 PM	3.1 94	07:49 PM	2.9 88	08:46 PM	1.2 37	08:43 PM	1.4 43	10:08 PM	-0.5 -15	09:25 PM	0.0 0
<b>4</b> 01:08 AM	9.4 287	<b>19</b> 01:43 AM	8.0 244	<b>4</b> 02:49 AM	8.7 265	<b>19</b> 02:45 AM	7.2 219	<b>4</b> 04:29 AM	7.0 213	<b>19</b> 03:55 AM	6.4 195
08:15 AM	-1.9 -58	08:36 AM	-0.8 -24	09:19 AM	-1.6 -49	08:57 AM	-0.2 -6	10:03 AM	0.8 24	09:15 AM	1.7 52
Tu 03:05 PM	7.1 216	W 03:21 PM	6.9 210	F 03:57 PM	7.9 241	Sa 03:30 PM	7.2 219	M 04:29 PM	8.3 253	Tu 03:28 PM	8.1 247
08:04 PM	2.9 88	08:29 PM	2.7 82	09:38 PM	0.8 24	09:18 PM	1.2 37	11:00 PM	-0.3 -9	10:02 PM	0.1 3
<b>5</b> 02:01 AM	9.3 283	<b>20</b> 02:20 AM	7.8 238	<b>5</b> 03:43 AM	8.1 247	<b>20</b> 03:23 AM	6.8 207	<b>5</b> 05:28 AM	6.3 192	<b>20</b> 04:45 AM	6.0 183
09:01 AM	-1.9 -58	09:05 AM	-0.6 -18	08:58 AM	-1.0 -30	09:22 AM	0.3 9	10:44 AM	1.7 52	09:48 AM	2.3 70
W 03:50 PM	7.3 223	Th 03:52 PM	6.9 210	Sa 04:37 PM	8.1 247	Su 03:53 PM	7.4 226	Tu 05:10 PM	8.0 244	W 04:02 PM	8.1 247
08:58 PM	2.5 76	09:07 PM	2.5 76	10:31 PM	0.6 18	09:53 PM	1.0 30	11:58 PM	0.1 3	10:48 PM	0.2 6
<b>6</b> 02:54 AM	9.0 274	<b>21</b> 02:58 AM	7.4 226	<b>6</b> 04:40 AM	7.3 223	<b>21</b> 04:04 AM	6.4 195	<b>6</b> 06:36 AM	5.8 177	<b>21</b> 05:47 AM	5.5 168
09:45 AM	-1.7 -52	09:33 AM	-0.4 -12	10:38 AM	-0.1 -3	09:48 AM	0.8 24	11:33 AM	2.6 79	10:29 AM	2.9 88
Th 04:34 PM	7.5 229	F 04:22 PM	6.9 210	Su 05:18 PM	8.1 247	M 04:17 PM	7.5 229	W 05:57 PM	7.6 232	Th 04:45 PM	8.0 244
09:52 PM	2.2 67	04:45 PM	2.3 70	11:28 PM	0.5 15	10:32 PM	0.9 27	0		11:50 PM	0.4 12
<b>7</b> 03:50 AM	8.5 259	<b>22</b> 03:37 AM	7.0 213	<b>7</b> 05:42 AM	6.5 198	<b>22</b> 04:52 AM	5.9 180	<b>7</b> 01:06 AM	0.4 12	<b>22</b> 07:06 AM	5.3 162
10:28 AM	-1.3 -40	10:00 AM	-0.1 -3	11:20 AM	0.8 24	10:19 AM	1.5 46	07:51 AM	5.5 168	11:27 AM	3.5 107
F 05:18 PM	7.7 235	Sa 04:49 PM	7.0 213	M 06:01 PM	8.1 247	Tu 04:48 PM	7.7 235	Th 12:36 PM	3.3 101	F 05:43 PM	7.7 235
10:50 PM	1.8 55	10:26 PM	2.1 64			11:19 PM	0.8 24	06:55 PM	7.1 216	0	
<b>8</b> 04:49 AM	7.7 235	<b>23</b> 04:20 AM	6.5 198	<b>8</b> 12:32 AM	0.5 15	<b>23</b> 05:54 AM	5.4 165	<b>8</b> 02:21 AM	0.5 15	<b>23</b> 01:14 AM	0.5 15
11:13 AM	-0.6 -18	10:29 AM	0.4 12	06:51 AM	5.8 177	10:57 AM	2.2 67	09:09 AM	5.6 171	08:31 AM	5.3 162
Sa 06:03 PM	7.8 238	Su 05:18 PM	7.1 216	Tu 12:08 PM	1.7 52	W 05:27 PM	7.7 235	F 01:54 PM	3.6 110	Sa 12:55 PM	3.8 116
11:53 PM	1.5 46	11:11 PM	1.9 58	06:48 PM	7.9 241			08:06 PM	6.9 210	07:01 PM	7.4 226
<b>9</b> 05:54 AM	6.9 210	<b>24</b> 05:10 AM	6.0 183	<b>9</b> 01:41 AM	0.4 12	<b>24</b> 12:21 AM	0.8 24	<b>9</b> 03:30 AM	0.4 12	<b>24</b> 02:39 AM	0.3 9
11:59 AM	0.2 6	11:01 AM	1.0 30	08:08 AM	5.4 165	07:14 AM	5.0 152	10:17 AM	5.9 180	09:45 AM	5.7 174
Su 06:50 PM	8.0 244	M 05:49 PM	7.3 223	W 01:07 PM	2.6 79	Th 11:48 AM	2.9 88	Sa 03:10 PM	3.5 107	Su 02:31 PM	3.6 110
				07:42 PM	7.7 235	06:19 PM	7.7 235	09:19 PM	6.9 210	08:30 PM	7.4 226
<b>10</b> 01:01 AM	1.2 37	<b>25</b> 12:05 AM	1.7 52	<b>10</b> 02:52 AM	0.2 6	<b>25</b> 01:42 AM	0.7 21	<b>10</b> 04:28 AM	0.1 3	<b>25</b> 03:48 AM	-0.2 -6
07:06 AM	6.2 189	06:14 AM	5.4 165	09:28 AM	5.5 168	08:45 AM	5.0 152	11:10 AM	6.3 192	10:41 AM	6.3 192
M 12:49 PM	1.0 30	Tu 11:41 AM	1.7 52	Th 02:15 PM	3.1 94	F 01:02 PM	3.5 107	Su 04:13 PM	3.1 94	M 03:47 PM	2.8 85
07:38 PM	8.1 247	06:27 PM	7.5 229	08:41 PM	7.6 232	07:25 PM	7.7 235	10:22 PM	7.0 213	09:51 PM	7.7 235
<b>11</b> 02:11 AM	0.8 24	<b>26</b> 01:09 AM	1.4 43	<b>11</b> 03:58 AM	0.0 0	<b>26</b> 03:03 AM	0.3 9	<b>11</b> 05:14 AM	-0.1 -3	<b>26</b> 04:43 AM	-0.6 -18
08:23 AM	5.8 177	07:34 AM	5.0 152	10:38 AM	5.8 177	10:06 AM	5.3 162	11:52 AM	6.7 204	11:26 AM	7.0 213
Tu 01:45 PM	1.8 55	W 12:31 PM	2.4 73	F 03:24 PM	3.3 101	Sa 02:33 PM	3.6 110	M 05:05 PM	2.5 76	Tu 04:49 PM	1.9 58
08:28 PM	8.2 250	07:13 PM	7.6 232	09:42 PM	7.6 232	08:42 PM	7.8 238	11:14 PM	7.2 219	10:58 PM	8.1 247
<b>12</b> 03:18 AM	0.2 6	<b>27</b> 02:21 AM	1.0 30	<b>12</b> 04:55 AM	-0.3 -9	<b>27</b> 04:13 AM	-0.3 -9	<b>12</b> 05:53 AM	-0.3 -9	<b>27</b> 05:31 AM	-0.9 -27
09:40 AM	5.7 174	09:01 AM	5.0 152	11:35 AM	6.2 189	11:08 AM	5.9 180	12:28 PM	6.9 210	12:07 PM	7.6 232
W 02:44 PM	2.5 76	Th 01:36 PM	3.0 91	Sa 04:26 PM	3.2 98	Su 03:51 PM	3.3 101	Tu 05:50 PM	2.0 61	W 05:44 PM	0.9 27
09:18 PM	8.3 253	08:08 PM	7.9 241	10:38 PM	7.6 232	09:57 PM	8.1 247	11:59 PM	7.4 226	11:56 PM	8.3 253
<b>13</b> 04:18 AM	-0.2 -6	<b>28</b> 03:31 AM	0.4 12	<b>13</b> 05:43 AM	-0.6 -18	<b>28</b> 05:10 AM	-1.0 -30	<b>13</b> 06:27 AM	-0.4 -12	<b>28</b> 06:15 AM	-0.9 -27
10:50 AM	5.9 180	10:22 AM	5.3 162	12:22 PM	6.5 198	11:58 AM	6.4 195	01:00 PM	7.1 216	12:44 PM	8.1 247
Th 03:43 PM	2.9 88	F 02:49 PM	3.4 104	Su 05:20 PM	3.0 91	M 04:57 PM	2.7 82	W 06:31 PM	1.5 46	Th 06:35 PM	0.0 0
10:08 PM	8.3 253	09:08 PM	8.2 250	11:29 PM	7.7 235	11:04 PM	8.5 259				
<b>14</b> 05:13 AM	-0.6 -18	<b>29</b> 04:33 AM	-0.3 -9	<b>14</b> 06:25 AM	-0.7 -21	<b>29</b> 06:01 AM	-1.4 -43	<b>14</b> 12:40 AM	7.4 226	<b>29</b> 12:50 AM	8.4 256
11:50 AM	6.3 192	11:27 AM	5.8 177	01:03 PM	6.7 204	12:42 PM	6.9 210	06:58 AM	-0.3 -9	06:55 AM	-0.7 -21
F 04:39 PM	3.1 94	Sa 04:00 PM	3.5 107	M 06:08 PM	2.7 82	Tu 05:55 PM	1.9 58	Th 01:28 PM	7.3 223	F 01:21 PM	8.6 262
10:56 PM	8.3 253	10:11 PM	8.5 259					07:09 PM	1.0 30	07:24 PM	-0.7 -21
<b>15</b> 06:01 AM	-0.8 -24	<b>30</b> 05:30 AM	-1.0 -30	<b>15</b> 12:13 AM	7.8 238	<b>30</b> 12:03 AM	8.8 268	<b>15</b> 01:18 AM	7.4 226	<b>30</b> 01:42 AM	8.2 250
12:41 PM	6.5 198	12:22 PM	6.3 192	07:02 AM	-0.8 -24	06:46 AM	-1.7 -52	07:27 AM	-0.1 -3	07:35 AM	-0.2 -6
Sa 05:32 PM	3.2 98	Su 05:04 PM	3.2 98	Tu 01:39 PM	6.9 210	W 01:22 PM	7.4 226	F 01:53 PM	7.4 226	Sa 01:56 PM	8.8 268
11:41 PM	8.3 253	11:11 PM	8.9 271	06:51 PM	2.3 70	06:48 PM	1.1 34	07:45 PM	0.7 21	08:11 PM	-1.1 -34
		<b>31</b> 06:22 AM	-1.5 -46			<b>31</b> 12:57 AM	8.9 271				
		01:10 PM	6.7 204			07:28 AM	-1.7 -52				
		M 06:04 PM	2.8 85			Th 02:00 PM	7.8 238				
						07:40 PM	0.4 12				

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.

Referred to Station: Astoria ( 9439040 ) Time offset in mins (high: -44 low: -60) Height offset in feet (high: +0.3 low: +0.03)



**NORTH JETTY, WA, 2023**  
 (46 16.4N / 124 04.3W)

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
<b>1</b> 02:33 AM 08:13 AM Su 02:31 PM 08:57 PM	7.9 241 0.5 15 8.9 271 -1.2 -37	<b>16</b> 02:25 AM 07:47 AM M 01:53 PM 08:29 PM	7.0 213 1.9 58 8.5 259 -0.5 -15	<b>1</b> 04:07 AM 09:06 AM W 03:04 PM 10:04 PM	7.2 219 3.1 94 8.6 262 -0.4 -12	<b>16</b> 02:54 AM 07:41 AM Th 01:34 PM 08:39 PM	7.0 213 3.7 113 9.3 283 -0.7 -21	<b>1</b> 03:40 AM 08:33 AM F 02:18 PM 09:22 PM	7.3 223 3.9 119 8.3 253 0.2 6	<b>16</b> 03:31 AM 08:30 AM Sa 02:21 PM 09:18 PM	7.6 232 3.7 113 9.2 280 -0.6 -18
<b>2</b> 03:24 AM 09:31 AM M 03:06 PM 09:43 PM	7.4 226 2.7 37 8.8 268 -1.0 -30	<b>17</b> 03:08 AM 08:18 AM Tu 02:20 PM 09:05 PM	6.8 207 2.3 70 8.7 265 -0.5 -15	<b>2</b> 05:00 AM 09:50 AM Th 03:43 PM 10:51 PM	6.8 207 3.6 110 8.1 247 0.1 3	<b>17</b> 03:45 AM 08:29 AM F 02:21 PM 09:28 PM	6.9 210 3.8 116 9.0 274 -0.4 -12	<b>2</b> 04:26 AM 09:20 AM Sa 03:02 PM 10:03 PM	7.1 216 4.0 122 7.7 235 0.7 21	<b>17</b> 04:18 AM 09:27 AM Su 03:18 PM 10:05 PM	7.7 235 3.5 107 8.6 262 -0.2 -6
<b>3</b> 04:18 AM 09:31 AM Tu 03:42 PM 10:30 PM	6.9 210 2.0 61 8.5 259 -0.5 -15	<b>18</b> 03:54 AM 08:52 AM W 02:53 PM 09:45 PM	6.6 201 2.8 85 8.7 265 -0.4 -12	<b>3</b> 05:56 AM 10:41 AM F 04:29 PM 11:44 PM	6.6 201 3.9 119 7.5 229 0.7 21	<b>18</b> 04:40 AM 09:25 AM Sa 03:16 PM 10:24 PM	6.8 207 3.9 119 8.5 259 0.0 0	<b>3</b> 05:13 AM 10:15 AM Su 03:54 PM 10:47 PM	7.0 213 4.0 122 7.1 216 1.1 34	<b>18</b> 05:06 AM 10:32 AM M 04:23 PM 10:56 PM	7.8 238 3.2 98 7.9 241 0.4 12
<b>4</b> 05:15 AM 10:13 AM W 04:22 PM 11:23 PM	6.4 195 2.7 82 8.0 244 0.0 0	<b>19</b> 04:46 AM 09:31 AM Th 03:33 PM 10:33 PM	6.3 192 3.3 101 8.6 262 -0.2 -6	<b>4</b> 06:56 AM 11:45 AM Sa 05:28 PM	6.4 195 4.1 125 6.9 210	<b>19</b> 05:38 AM 10:36 AM Su 04:24 PM 11:27 PM	6.8 207 3.9 119 7.8 238 0.3 9	<b>4</b> 06:00 AM 11:19 AM M 04:58 PM 11:35 PM	7.0 213 3.9 119 6.5 198 1.6 49	<b>19</b> 05:56 AM 11:44 AM Tu 05:39 PM 11:50 PM	8.0 244 2.8 85 7.1 216 1.1 34
<b>5</b> 06:18 AM 11:04 AM Th 05:08 PM	6.1 186 3.4 104 7.4 226	<b>20</b> 05:47 AM 10:40 AM F 04:22 PM 11:36 PM	6.0 183 3.7 113 8.2 250 0.2 6	<b>5</b> 12:45 AM 06:56 AM Su 12:01 PM 05:44 PM	1.1 34 6.4 195 4.0 122 6.3 192	<b>20</b> 06:37 AM 11:58 AM M 05:47 PM	7.1 216 3.5 107 7.3 223	<b>5</b> 06:47 AM 12:30 PM Tu 06:15 PM	7.2 219 3.5 107 6.0 183	<b>20</b> 06:46 AM 12:59 PM W 07:01 PM	8.4 256 2.1 64 6.7 204
<b>6</b> 12:26 AM 07:29 AM F 12:11 PM 06:09 PM	0.6 18 5.9 180 3.8 116 6.8 207	<b>21</b> 06:58 AM 11:29 AM Sa 05:27 PM	5.9 180 3.9 119 7.7 235	<b>6</b> 12:47 AM 07:52 AM M 01:17 PM 07:07 PM	1.3 40 6.7 204 3.6 110 6.1 186	<b>21</b> 12:32 AM 07:32 AM Tu 01:18 PM 07:13 PM	0.7 21 7.5 229 2.7 82 6.9 210	<b>6</b> 12:28 AM 07:31 AM W 01:37 PM 07:35 PM	1.9 58 7.4 226 2.9 88 5.9 180	<b>21</b> 12:48 AM 07:37 AM Th 02:09 PM 08:22 PM	1.8 55 8.7 265 1.3 40 6.5 198
<b>7</b> 01:38 AM 08:40 AM Sa 01:33 PM 07:28 PM	0.9 27 5.9 180 3.9 119 6.4 195	<b>22</b> 12:52 AM 08:10 AM Su 01:01 PM 06:52 PM	0.4 12 6.1 186 3.9 119 7.3 223	<b>7</b> 01:44 AM 08:39 AM Tu 02:21 PM 08:21 PM	1.4 43 7.0 213 2.9 88 6.2 189	<b>22</b> 01:33 AM 08:23 AM W 02:27 PM 08:33 PM	0.9 27 8.1 247 1.7 52 6.9 210	<b>7</b> 01:20 AM 08:12 AM Th 02:36 PM 08:48 PM	2.3 70 7.8 238 2.1 64 6.0 183	<b>22</b> 01:46 AM 08:26 AM F 03:11 PM 09:35 PM	2.4 73 9.1 277 0.5 15 6.7 204
<b>8</b> 02:48 AM 09:42 AM Su 02:50 PM 08:50 PM	0.9 27 6.2 189 3.5 107 6.4 195	<b>23</b> 02:09 AM 09:13 AM M 02:29 PM 08:23 PM	0.4 12 6.5 198 3.3 101 7.2 219	<b>8</b> 02:32 AM 09:18 AM W 03:14 PM 09:23 PM	1.4 43 7.4 226 2.0 61 6.4 195	<b>23</b> 02:28 AM 09:08 AM Th 03:26 PM 09:42 PM	1.2 37 8.7 265 0.7 21 7.1 216	<b>8</b> 02:10 AM 08:50 AM F 03:26 PM 09:52 PM	2.6 79 8.2 250 1.3 40 6.3 192	<b>23</b> 02:43 AM 09:13 AM Sa 04:06 PM 10:38 PM	2.9 88 9.4 287 -0.2 -6 7.1 216
<b>9</b> 03:45 AM 10:31 AM M 03:53 PM 09:58 PM	0.7 21 6.6 201 2.9 88 6.5 198	<b>24</b> 03:14 AM 10:05 AM Tu 03:40 PM 09:43 PM	0.2 6 7.2 219 2.3 70 7.3 223	<b>9</b> 03:14 AM 09:52 AM Th 04:00 PM 10:16 PM	1.5 46 7.8 238 1.3 40 6.6 201	<b>24</b> 03:18 AM 09:50 AM F 04:19 PM 10:43 PM	1.5 46 9.2 280 -0.2 -6 7.4 226	<b>9</b> 02:58 AM 09:26 AM Sa 04:12 PM 10:48 PM	3.0 91 8.6 262 0.6 18 6.6 201	<b>24</b> 03:37 AM 09:59 AM Su 04:57 PM 11:34 PM	3.3 101 9.6 293 -0.6 -18 7.4 226
<b>10</b> 04:31 AM 11:11 AM Tu 04:44 PM 10:53 PM	0.6 18 7.0 213 2.1 64 6.8 207	<b>25</b> 04:08 AM 10:49 AM W 04:39 PM 10:50 PM	0.1 3 7.8 238 1.1 34 7.6 232	<b>10</b> 03:53 AM 10:22 AM F 04:41 PM 11:05 PM	1.7 52 8.2 250 0.6 18 6.9 210	<b>25</b> 04:05 AM 10:30 AM Sa 05:08 PM 11:38 PM	1.9 58 9.6 293 -0.8 -24 7.6 232	<b>10</b> 03:45 AM 10:01 AM Su 04:56 PM 11:39 PM	3.3 101 9.0 274 0.0 0 7.0 213	<b>25</b> 04:29 AM 10:42 AM M 05:43 PM	3.5 107 9.6 293 -0.8 -24
<b>11</b> 05:09 AM 11:44 AM W 05:28 PM 11:40 PM	0.5 15 7.3 223 1.4 43 7.0 213	<b>26</b> 04:56 AM 11:29 AM Th 05:32 PM 11:49 PM	0.1 3 8.5 259 0.1 3 7.8 238	<b>11</b> 04:29 AM 10:50 AM Sa 05:20 PM 11:50 PM	2.0 61 8.5 259 0.0 0 7.1 216	<b>26</b> 04:51 AM 11:08 AM Su 05:55 PM	2.4 73 9.7 296 -1.2 -37	<b>11</b> 04:30 AM 10:38 AM M 05:39 PM	3.6 110 9.3 283 -0.5 -15	<b>26</b> 12:24 AM 05:19 AM Tu 11:24 AM 06:27 PM	7.6 232 3.7 113 9.5 290 -0.8 -24
<b>12</b> 05:43 AM 12:14 PM Th 06:08 PM	0.5 15 7.6 232 0.8 24	<b>27</b> 05:39 AM 12:06 PM F 06:22 PM	0.4 12 9.0 274 -0.7 -21	<b>12</b> 05:06 AM 11:18 AM Su 05:58 PM	2.3 70 8.8 268 -0.4 -12	<b>27</b> 12:30 AM 05:36 AM M 11:46 AM 06:39 PM	7.7 235 2.8 85 9.7 296 -1.2 -37	<b>12</b> 12:27 AM 05:16 AM Tu 11:16 AM 06:22 PM	7.3 223 3.8 116 9.6 293 -0.8 -24	<b>27</b> 01:10 AM 06:06 AM W 12:05 PM 07:07 PM	7.8 238 3.8 116 9.4 287 -0.7 -21
<b>13</b> 12:23 AM 06:15 AM F 12:40 PM 06:45 PM	7.1 216 0.7 21 7.9 241 0.3 9	<b>28</b> 12:43 AM 06:21 AM Sa 12:42 PM 07:08 PM	7.9 241 0.8 24 9.3 283 -1.2 -37	<b>13</b> 12:35 AM 05:43 AM M 11:47 AM 06:36 PM	7.2 219 2.7 82 9.1 277 -0.7 -21	<b>28</b> 01:19 AM 06:21 AM Tu 12:23 PM 07:21 PM	7.7 235 3.2 98 9.5 290 -1.0 -30	<b>13</b> 01:13 AM 06:03 AM W 11:57 AM 07:05 PM	7.4 226 3.9 119 9.7 296 -1.0 -30	<b>28</b> 01:53 AM 06:51 AM Th 12:45 PM 07:45 PM	7.8 238 3.8 116 9.1 277 -0.5 -15
<b>14</b> 01:04 AM 06:46 AM Sa 01:05 PM 07:21 PM	7.2 219 1.0 30 8.1 247 -0.1 -3	<b>29</b> 01:35 AM 07:02 AM Su 01:17 PM 07:54 PM	7.8 238 1.4 43 9.4 287 -1.4 -43	<b>14</b> 01:20 AM 06:20 AM Tu 12:18 PM 07:15 PM	7.2 219 3.1 94 9.2 280 -0.8 -24	<b>29</b> 02:07 AM 07:04 AM W 01:00 PM 08:02 PM	7.6 232 3.6 110 9.2 280 -0.7 -21	<b>14</b> 01:59 AM 06:50 AM Th 12:41 PM 07:48 PM	7.5 229 3.9 119 9.8 299 -1.0 -30	<b>29</b> 02:33 AM 07:34 AM F 01:24 PM 08:19 PM	7.8 238 3.8 116 8.8 268 -0.2 -6
<b>15</b> 01:44 AM 07:16 AM Su 01:28 PM 07:55 PM	7.1 216 1.4 43 8.3 253 -0.3 -9	<b>30</b> 02:25 AM 07:43 AM M 01:52 PM 08:37 PM	7.7 235 2.0 61 9.3 283 -1.3 -40	<b>15</b> 02:06 AM 06:59 AM W 12:54 PM 07:55 PM	7.2 219 3.4 104 9.3 283 -0.8 -24	<b>30</b> 02:54 AM 07:48 AM Th 01:38 PM 08:42 PM	7.5 229 3.8 116 8.8 268 -0.3 -9	<b>15</b> 02:45 AM 07:38 AM F 01:29 PM 08:32 PM	7.6 232 3.8 116 9.6 293 -0.9 -27	<b>30</b> 03:11 AM 08:15 AM Sa 02:03 PM 08:51 PM	7.7 235 3.7 113 8.4 256 0.2 6
		<b>31</b> 03:16 AM 08:24 AM Tu 02:28 PM 09:21 PM	7.4 226 2.6 79 9.1 277 -1.0 -30					<b>31</b> 03:48 AM 08:57 AM Su 02:43 PM 09:21 PM	7.6 232 3.6 110 7.9 241 0.7 21		

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: Astoria ( 9439040 ) Time offset in mins (high: -44 low: -60) Height offset in feet (high: +0.3 low: +0.03)