



## NOAA Tide Predictions

**Astoria, OR, 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.



Times and Heights of High and Low Waters

January				February				March			
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> 02:19 AM	2.6 79	<b>16</b> 12:58 AM	3.1 94	<b>1</b> 03:46 AM	4.2 128	<b>16</b> 03:03 AM	4.3 131	<b>1</b> 02:08 AM	4.3 131	<b>16</b> 02:27 AM	4.2 128
08:45 AM	9.1 277	07:28 AM	8.9 271	09:47 AM	8.6 262	08:59 AM	9.2 280	08:07 AM	7.8 238	08:22 AM	8.5 259
Su 03:51 PM	0.9 27	M 02:55 PM	1.5 46	W 05:17 PM	0.4 12	Th 04:44 PM	-0.1 -3	W 03:53 PM	1.0 30	Th 04:16 PM	0.4 12
09:58 PM	6.7 204	09:17 PM	6.1 186	11:44 PM	7.2 219	11:22 PM	7.0 213	10:26 PM	6.6 201	11:00 PM	6.6 201
<b>2</b> 03:16 AM	3.2 98	<b>17</b> 02:08 AM	3.8 116	<b>2</b> 04:45 AM	4.2 128	<b>17</b> 04:20 AM	4.0 122	<b>2</b> 03:25 AM	4.3 131	<b>17</b> 04:01 AM	3.9 119
09:33 AM	9.2 280	08:24 AM	9.2 280	09:47 AM	8.7 265	10:11 AM	9.5 290	09:18 AM	8.0 244	09:48 AM	8.5 259
M 04:46 PM	0.4 12	Tu 04:01 PM	0.7 21	Th 06:02 PM	0.1 3	F 05:40 PM	-0.7 -21	Th 04:49 PM	0.7 21	F 05:21 PM	-0.1 -3
11:03 PM	7.0 213	10:35 PM	6.6 201					11:18 PM	7.0 213	11:56 PM	7.2 219
<b>3</b> 04:11 AM	3.6 110	<b>18</b> 03:21 AM	4.1 125	<b>3</b> 12:29 AM	7.5 229	<b>18</b> 12:11 AM	7.6 232	<b>3</b> 04:28 AM	3.9 119	<b>18</b> 05:15 AM	3.2 98
10:18 AM	9.3 283	09:24 AM	9.6 293	05:38 AM	4.0 122	05:25 AM	3.4 104	10:19 AM	8.0 244	11:05 AM	8.8 268
Tu 05:36 PM	0.0 0	W 05:01 PM	-0.1 -3	F 11:26 AM	8.8 268	Sa 11:15 AM	9.8 299	F 05:34 PM	0.4 12	Sa 06:15 PM	-0.5 -15
11:58 PM	7.4 226	11:38 PM	7.1 216	06:42 PM	-0.1 -3	06:29 PM	-1.1 -34	11:59 PM	7.4 226		
<b>4</b> 05:03 AM	3.9 119	<b>19</b> 04:30 AM	4.1 125	<b>4</b> 01:08 AM	7.8 238	<b>19</b> 12:55 AM	8.1 247	<b>4</b> 05:21 AM	3.4 104	<b>19</b> 12:41 AM	7.8 238
11:01 AM	9.3 283	10:24 AM	9.9 302	06:24 AM	3.7 113	06:23 AM	2.6 79	11:11 AM	8.2 250	06:17 AM	2.3 70
W 06:20 PM	-0.2 -6	Th 05:56 PM	-0.7 -21	Sa 12:09 PM	8.9 271	Su 12:13 PM	10.0 305	Sa 06:12 PM	0.2 6	Su 12:09 PM	9.1 277
				07:18 PM	-0.2 -6	07:14 PM	-1.3 -40			07:02 PM	-0.8 -24
<b>5</b> 12:45 AM	7.6 232	<b>20</b> 12:31 AM	7.6 232	<b>5</b> 01:43 AM	7.9 241	<b>20</b> 01:35 AM	8.6 262	<b>5</b> 12:34 AM	7.7 235	<b>20</b> 01:22 AM	8.4 256
05:52 AM	4.0 122	05:32 AM	3.9 119	07:06 AM	3.3 101	07:16 AM	1.9 58	06:06 AM	2.9 88	07:12 AM	1.4 43
Th 11:41 AM	9.3 283	F 11:22 AM	10.3 314	Su 12:48 PM	8.9 271	M 01:06 PM	10.0 305	Su 11:55 AM	8.3 253	M 01:06 PM	9.2 280
07:01 PM	-0.3 -9	06:48 PM	-1.2 -37	07:50 PM	-0.2 -6	07:56 PM	-1.3 -40	06:46 PM	0.0 0	07:45 PM	-0.8 -24
<b>6</b> 01:29 AM	7.8 238	<b>21</b> 01:19 AM	8.0 244	<b>6</b> 02:15 AM	8.0 244	<b>21</b> 02:14 AM	8.9 271	<b>6</b> 01:06 AM	7.9 241	<b>21</b> 01:59 AM	8.9 271
06:37 AM	4.0 122	06:31 AM	3.5 107	07:46 AM	3.0 91	08:07 AM	1.3 40	06:48 AM	2.4 73	08:03 AM	0.6 18
F 12:20 PM	9.3 283	Sa 12:17 PM	10.5 320	M 01:25 PM	8.8 268	Tu 01:57 PM	9.7 296	M 12:35 PM	8.4 256	Tu 01:59 PM	9.1 277
O 07:39 PM	-0.3 -9	07:35 PM	-1.5 -46	08:19 PM	-0.1 -3	08:34 PM	-0.9 -27	07:17 PM	0.0 0	08:24 PM	-0.5 -15
<b>7</b> 02:08 AM	7.9 241	<b>22</b> 02:04 AM	8.4 256	<b>7</b> 02:44 AM	8.1 247	<b>22</b> 02:51 AM	9.2 280	<b>7</b> 01:34 AM	8.1 247	<b>22</b> 02:35 AM	9.2 280
07:20 AM	3.9 119	07:26 AM	3.1 94	08:23 AM	2.7 82	08:55 AM	0.8 24	07:26 AM	1.9 58	08:51 AM	0.0 0
Sa 12:57 PM	9.2 280	Su 01:11 PM	10.5 320	Tu 02:01 PM	8.6 262	W 02:48 PM	9.1 277	Tu 01:14 PM	8.3 253	W 02:49 PM	8.9 271
08:13 PM	-0.2 -6	08:20 PM	-1.6 -49	08:46 PM	0.0 0	09:11 PM	-0.3 -9	O 07:45 PM	0.1 3	O 09:02 PM	0.0 0
<b>8</b> 02:45 AM	7.9 241	<b>23</b> 02:47 AM	8.7 265	<b>8</b> 03:10 AM	8.2 250	<b>23</b> 03:27 AM	9.3 283	<b>8</b> 02:00 AM	8.3 253	<b>23</b> 03:10 AM	9.4 287
08:00 AM	3.8 116	08:19 AM	2.6 79	08:58 AM	2.4 73	09:43 AM	0.6 18	08:02 AM	1.5 46	09:36 AM	-0.3 -9
Su 01:33 PM	9.0 274	M 02:04 PM	10.2 311	W 02:38 PM	8.3 253	Th 03:39 PM	8.5 259	W 01:52 PM	8.2 250	Th 03:38 PM	8.4 256
08:45 PM	-0.1 -3	09:02 PM	-1.4 -43	08:19 PM	0.3 9	09:17 PM	0.4 12	08:12 PM	0.4 12	09:38 PM	0.7 21
<b>9</b> 03:19 AM	7.9 241	<b>24</b> 03:28 AM	8.9 271	<b>9</b> 03:34 AM	8.3 253	<b>24</b> 04:03 AM	9.3 283	<b>9</b> 02:23 AM	8.5 259	<b>24</b> 03:43 AM	9.4 287
08:39 AM	3.6 110	09:11 AM	2.1 64	09:33 AM	2.1 64	10:32 AM	0.6 18	08:36 AM	1.1 34	10:20 AM	-0.4 -12
M 02:10 PM	8.8 268	Tu 02:56 PM	9.7 296	Th 03:17 PM	7.9 241	F 04:33 PM	7.7 235	Th 02:30 PM	8.0 244	F 04:28 PM	7.9 241
09:14 PM	0.0 0	09:42 PM	-0.9 -27	08:37 PM	0.7 21	10:23 PM	1.4 43	08:39 PM	0.8 24	10:13 PM	1.4 43
<b>10</b> 03:51 AM	7.9 241	<b>25</b> 04:09 AM	9.0 274	<b>10</b> 03:58 AM	8.5 259	<b>25</b> 04:39 AM	9.1 277	<b>10</b> 02:46 AM	8.7 265	<b>25</b> 04:16 AM	9.3 283
09:17 AM	3.5 107	10:03 AM	1.8 55	10:11 AM	1.9 58	11:24 AM	0.8 24	09:11 AM	0.8 24	11:04 AM	-0.2 -6
Tu 02:47 PM	8.5 259	W 03:50 PM	8.9 271	F 04:00 PM	7.4 226	Sa 05:32 PM	7.0 213	F 03:11 PM	7.6 232	Sa 05:20 PM	7.4 226
09:42 PM	0.2 6	10:21 PM	-0.2 -7	10:05 PM	1.3 40	11:01 PM	2.3 70	09:06 PM	1.3 40	10:49 PM	2.2 67
<b>11</b> 04:21 AM	7.9 241	<b>26</b> 04:49 AM	9.1 277	<b>11</b> 04:25 AM	8.7 265	<b>26</b> 05:18 AM	8.8 268	<b>11</b> 03:10 AM	8.9 271	<b>26</b> 04:49 AM	9.0 274
09:56 AM	3.3 101	10:58 AM	1.6 49	10:54 AM	1.7 52	12:22 PM	1.0 30	09:47 AM	0.6 18	11:50 AM	0.2 6
W 03:26 PM	8.1 247	Th 04:47 PM	8.1 247	Sa 04:52 PM	6.9 210	Su 06:40 PM	6.4 195	Sa 03:56 PM	7.2 219	Su 06:15 PM	6.9 210
10:11 PM	0.6 18	11:01 PM	0.7 21	10:37 PM	2.0 61	11:48 PM	3.2 98	09:35 PM	1.9 58	11:28 PM	3.0 91
<b>12</b> 04:50 AM	8.0 244	<b>27</b> 05:30 AM	9.1 277	<b>12</b> 04:58 AM	8.9 271	<b>27</b> 06:03 AM	8.4 256	<b>12</b> 04:39 AM	9.1 277	<b>27</b> 05:26 AM	8.5 259
10:39 AM	3.1 94	11:57 AM	1.6 49	11:47 AM	1.6 49	01:31 PM	1.3 40	11:28 AM	0.6 18	12:42 PM	0.7 21
Th 04:12 PM	7.5 229	F 05:50 PM	7.2 219	Su 06:00 PM	6.3 192	M 07:58 PM	6.1 186	Su 05:49 PM	6.7 204	M 07:19 PM	6.4 195
10:41 PM	1.0 30	11:43 PM	1.7 52	11:18 PM	2.8 85	0		11:10 PM	2.6 79		
<b>13</b> 05:21 AM	8.1 247	<b>28</b> 06:14 AM	9.0 274	<b>13</b> 05:41 AM	8.9 271	<b>28</b> 12:50 AM	3.9 119	<b>13</b> 05:15 AM	9.1 277	<b>28</b> 12:15 AM	3.6 110
11:29 AM	2.8 85	01:03 PM	1.5 46	12:57 PM	1.5 46	06:59 AM	8.0 244	12:19 PM	0.7 21	06:09 AM	8.0 244
F 05:07 PM	6.9 210	Sa 07:02 PM	6.6 201	M 07:27 PM	5.9 180	Tu 02:46 PM	1.3 40	M 06:56 PM	6.2 189	Tu 01:45 PM	1.1 34
11:17 PM	1.7 52	0		0		09:18 PM	6.3 192	11:53 PM	3.3 101	08:30 PM	6.2 189
<b>14</b> 05:57 AM	8.3 253	<b>29</b> 12:32 AM	2.6 79	<b>14</b> 12:13 AM	3.6 110	<b>29</b> 06:02 AM	9.0 274	<b>14</b> 06:02 AM	9.0 274	<b>29</b> 01:19 AM	4.1 125
12:31 PM	2.5 76	07:01 AM	8.8 268	06:35 AM	8.9 271	01:29 PM	0.8 24	01:29 PM	0.8 24	07:07 AM	7.5 229
Sa 06:18 PM	6.4 195	Su 02:13 PM	1.3 40	Tu 02:20 PM	1.2 37	Tu 08:20 PM	6.0 183	Tu 08:20 PM	6.0 183	W 02:58 PM	1.3 40
		08:22 PM	6.3 192	09:01 PM	6.0 183					09:44 PM	6.3 192
<b>15</b> 12:02 AM	2.4 73	<b>30</b> 01:31 AM	3.5 107	<b>15</b> 01:33 AM	4.2 128	<b>15</b> 12:55 AM	3.9 119	<b>15</b> 12:55 AM	3.9 119	<b>30</b> 02:41 AM	4.3 131
06:38 AM	8.6 262	07:53 AM	8.7 265	07:43 AM	9.0 274	07:03 AM	8.7 265	07:03 AM	8.7 265	08:23 AM	7.1 216
Su 01:42 PM	2.1 64	M 03:22 PM	1.1 34	W 03:38 PM	0.6 18	W 02:55 PM	0.8 24	W 02:55 PM	0.8 24	Th 04:08 PM	1.2 37
07:47 PM	6.0 183	09:41 PM	6.4 195	10:21 PM	6.4 195	09:47 PM	6.1 186	09:47 PM	6.1 186	10:47 PM	6.6 201
		<b>31</b> 02:39 AM	4.0 122							<b>31</b> 04:00 AM	4.0 122
		08:50 AM	8.6 262							09:44 AM	7.1 216
		Tu 04:24 PM	0.7 21							F 05:05 PM	1.0 30
		10:49 PM	6.8 207							11:37 PM	7.0 213



StationId: 9439040  
 Source: NOAA/NOS/CO-OPS  
 Station Type: Primary  
 Time Zone: LST\_LDT  
 Datum: MLLW

NOAA Tide Predictions

Astoria, OR, 2023  
 (46 12.4N / 123 46.1W)

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> 05:05 AM	3.4 104	<b>16</b> 05:08 AM	2.2 67	<b>1</b> 05:26 AM	2.1 64	<b>16</b> 05:52 AM	0.3 9	<b>1</b> 06:25 AM	0.1 3	<b>16</b> 12:06 AM	9.2 280
10:52 AM	7.2 219	10:58 AM	8.0 244	11:17 AM	6.7 204	11:52 AM	7.3 223	12:42 PM	6.7 204	07:16 AM	-1.0 -30
Sa 05:50 PM	0.7 21	Su 05:41 PM	-0.1 -3	M 05:33 PM	1.2 37	Tu 05:48 PM	1.0 30	Th 06:02 PM	2.5 76	F 01:35 PM	7.1 216
				11:55 PM	7.9 241					06:49 PM	2.9 88
<b>2</b> 12:16 AM	7.4 226	<b>17</b> 12:04 AM	8.2 250	<b>2</b> 06:12 AM	1.3 40	<b>17</b> 12:03 AM	9.1 277	<b>2</b> 12:03 AM	8.9 271	<b>17</b> 12:46 AM	9.1 277
05:57 AM	2.7 82	06:06 AM	1.2 37	12:10 PM	7.0 213	06:44 AM	-0.4 -12	07:10 AM	-0.6 -18	08:01 AM	-1.1 -34
Su 11:47 AM	7.5 229	M 12:01 PM	8.2 250	Tu 06:11 PM	1.3 40	W 12:49 PM	7.5 229	F 01:34 PM	6.9 210	Sa 02:25 PM	7.2 219
06:28 PM	0.6 18	M 06:27 PM	0.0 0			06:33 PM	1.5 46	06:48 PM	2.8 85	07:36 PM	3.2 98
<b>3</b> 12:50 AM	7.7 235	<b>18</b> 12:43 AM	8.8 268	<b>3</b> 12:25 AM	8.2 250	<b>18</b> 12:41 AM	9.4 287	<b>3</b> 12:40 AM	9.3 283	<b>18</b> 01:24 AM	9.0 274
06:42 AM	2.0 61	06:59 AM	0.3 9	06:55 AM	0.6 18	07:31 AM	-0.9 -27	07:55 AM	-1.0 -30	08:43 AM	-1.1 -34
M 12:35 PM	7.7 235	Tu 12:58 PM	8.3 253	W 01:00 PM	7.2 219	Th 01:42 PM	7.5 229	Sa 02:25 PM	7.1 216	Su 03:11 PM	7.3 223
07:03 PM	0.5 15	Tu 07:09 PM	0.3 9	06:48 PM	1.6 49	Th 07:16 PM	2.0 61	07:34 PM	3.1 94	● 08:21 PM	3.3 101
<b>4</b> 01:19 AM	8.0 244	<b>19</b> 01:20 AM	9.2 280	<b>4</b> 12:54 AM	8.6 262	<b>19</b> 01:16 AM	9.4 287	<b>4</b> 01:20 AM	9.6 293	<b>19</b> 02:02 AM	8.8 268
07:23 AM	1.4 43	07:47 AM	-0.4 -12	07:36 AM	0.0 0	08:16 AM	-1.2 -37	08:41 AM	-1.4 -43	09:22 AM	-0.9 -27
Tu 01:18 PM	7.8 238	W 01:50 PM	8.2 250	Th 01:47 PM	7.3 223	F 02:33 PM	7.5 229	Su 03:15 PM	7.3 223	M 03:54 PM	7.2 219
07:35 PM	0.6 18	W 07:49 PM	0.7 21	Th 07:25 PM	1.9 58	● 07:58 PM	2.5 76	○ 08:22 PM	3.2 98	○ 09:04 PM	3.4 104
<b>5</b> 01:46 AM	8.3 253	<b>20</b> 01:55 AM	9.4 287	<b>5</b> 01:23 AM	8.9 271	<b>20</b> 01:51 AM	9.3 283	<b>5</b> 02:03 AM	9.7 296	<b>20</b> 02:39 AM	8.6 262
08:02 AM	0.8 24	08:33 AM	-0.8 -24	08:16 AM	-0.5 -15	08:59 AM	-1.2 -37	09:27 AM	-1.6 -49	09:59 AM	-0.7 -21
W 02:00 PM	7.8 238	Th 02:40 PM	8.1 247	F 02:33 PM	7.4 226	Sa 03:21 PM	7.5 229	M 04:05 PM	7.3 223	Tu 04:35 PM	7.2 219
08:06 PM	0.9 27	● 08:28 PM	1.3 40	○ 08:03 PM	2.3 70	○ 08:40 PM	2.9 88	09:12 PM	3.3 101	09:46 PM	3.4 104
<b>6</b> 02:11 AM	8.6 262	<b>21</b> 02:28 AM	9.5 290	<b>6</b> 01:53 AM	9.2 280	<b>21</b> 02:26 AM	9.1 277	<b>6</b> 02:50 AM	9.7 296	<b>21</b> 03:17 AM	8.3 253
08:39 AM	0.3 9	09:17 AM	-1.0 -30	08:56 AM	-0.9 -27	09:39 AM	-1.0 -30	10:14 AM	-1.6 -49	10:34 AM	-0.5 -15
Th 02:42 PM	7.7 235	F 03:29 PM	7.9 241	Sa 03:21 PM	7.4 226	Su 04:08 PM	7.4 226	Tu 04:54 PM	7.4 226	W 05:14 PM	7.1 216
○ 08:37 PM	1.2 37	F 09:06 PM	1.9 58	○ 08:41 PM	2.7 82	○ 09:21 PM	3.2 98	10:03 PM	3.2 98	10:28 PM	3.3 101
<b>7</b> 02:36 AM	8.8 268	<b>22</b> 03:01 AM	9.3 283	<b>7</b> 02:26 AM	9.5 290	<b>22</b> 03:00 AM	8.9 271	<b>7</b> 03:40 AM	9.4 287	<b>22</b> 03:56 AM	8.0 244
09:15 AM	-0.1 -3	09:58 AM	-0.9 -27	09:37 AM	-1.1 -34	10:19 AM	-0.7 -21	11:01 AM	-1.4 -43	11:07 AM	-0.2 -6
F 03:25 PM	7.6 232	Sa 04:18 PM	7.6 232	Su 04:09 PM	7.3 223	M 04:55 PM	7.2 219	W 05:45 PM	7.4 226	Th 05:52 PM	7.0 213
09:08 PM	1.7 52	09:44 PM	2.5 76	○ 09:22 PM	3.0 91	10:02 PM	3.5 107	10:59 PM	3.1 94	11:11 PM	3.2 98
<b>8</b> 03:02 AM	9.1 277	<b>23</b> 03:33 AM	9.1 277	<b>8</b> 03:04 AM	9.5 290	<b>23</b> 03:36 AM	8.5 259	<b>8</b> 04:36 AM	9.0 274	<b>23</b> 04:38 AM	7.5 229
09:51 AM	-0.3 -9	10:39 AM	-0.6 -18	10:21 AM	-1.1 -34	10:57 AM	-0.3 -9	11:51 AM	-1.1 -34	11:40 AM	0.1 3
Sa 04:09 PM	7.4 226	Su 05:08 PM	7.2 219	M 05:01 PM	7.1 216	Tu 05:41 PM	7.0 213	Th 06:35 PM	7.4 226	F 06:28 PM	7.0 213
09:40 PM	2.2 67	10:22 PM	3.0 91	10:06 PM	3.3 101	10:45 PM	3.6 110			11:59 PM	3.1 94
<b>9</b> 03:31 AM	9.3 283	<b>24</b> 04:07 AM	8.7 265	<b>9</b> 03:47 AM	9.4 287	<b>24</b> 04:15 AM	8.1 247	<b>9</b> 12:00 AM	2.9 88	<b>24</b> 05:26 AM	7.0 213
10:30 AM	-0.4 -12	11:21 AM	-0.1 -3	11:08 AM	-0.9 -27	11:37 AM	0.1 3	05:37 AM	8.3 253	11:07 AM	0.4 12
Su 04:58 PM	7.1 216	M 06:00 PM	6.9 210	Tu 05:56 PM	7.0 213	W 06:28 PM	6.8 207	F 12:42 PM	-0.6 -18	Sa 07:06 PM	7.1 216
10:15 PM	2.7 82	11:03 PM	3.5 107	10:57 PM	3.5 107	W 06:28 PM	6.8 207	07:27 PM	7.6 232		
<b>10</b> 04:06 AM	9.3 283	<b>25</b> 04:43 AM	8.3 253	<b>10</b> 04:37 AM	9.1 277	<b>25</b> 04:59 AM	7.6 232	<b>10</b> 01:09 AM	2.6 79	<b>25</b> 12:54 AM	2.8 85
11:14 AM	-0.3 -9	12:07 PM	0.4 12	12:02 PM	-0.6 -18	12:20 PM	0.5 15	06:47 AM	7.6 232	06:22 AM	6.4 195
M 05:54 PM	6.7 204	Tu 06:56 PM	6.6 201	W 06:55 PM	6.9 210	Th 07:17 PM	6.7 204	Sa 01:36 PM	-0.1 -3	Su 12:54 PM	0.9 27
10:56 PM	3.2 98	11:52 PM	3.8 116	11:58 PM	3.6 110			○ 08:18 PM	7.9 241	07:44 PM	7.2 219
<b>11</b> 04:48 AM	9.2 280	<b>26</b> 05:27 AM	7.7 235	<b>11</b> 05:37 AM	8.6 262	<b>26</b> 12:29 AM	3.7 113	<b>11</b> 02:22 AM	2.1 64	<b>26</b> 01:56 AM	2.5 76
12:07 PM	0.0 0	01:01 PM	0.8 24	01:03 PM	-0.3 -9	05:52 AM	7.1 216	08:03 AM	7.0 213	07:31 AM	5.9 180
Tu 06:59 PM	6.4 195	W 07:57 PM	6.4 195	Th 07:56 PM	6.9 210	F 01:07 PM	0.8 24	Su 02:32 PM	0.5 15	M 01:40 PM	1.4 43
11:49 PM	3.7 113					08:06 PM	6.8 207	09:08 PM	8.2 250	○ 08:23 PM	7.5 229
<b>12</b> 05:42 AM	8.8 268	<b>27</b> 12:55 AM	4.1 125	<b>12</b> 01:13 AM	3.5 107	<b>27</b> 01:35 AM	3.6 110	<b>12</b> 03:34 AM	1.4 43	<b>27</b> 03:02 AM	2.0 61
01:16 PM	0.3 9	06:24 AM	7.2 219	06:50 AM	8.0 244	06:58 AM	6.5 198	09:21 AM	6.6 201	08:51 AM	5.6 171
W 08:14 PM	6.3 192	Th 02:03 PM	1.2 37	F 02:09 PM	0.0 0	Sa 01:59 PM	1.1 34	M 03:27 PM	1.0 30	Tu 02:32 PM	2.0 61
		○ 08:59 PM	6.5 198	○ 08:56 PM	7.2 219	○ 08:53 PM	6.9 210	09:56 PM	8.6 262	09:05 PM	7.8 238
<b>13</b> 01:03 AM	4.0 122	<b>28</b> 02:11 AM	4.0 122	<b>13</b> 02:35 AM	3.1 94	<b>28</b> 02:46 AM	3.1 94	<b>13</b> 04:39 AM	0.6 18	<b>28</b> 04:05 AM	1.3 40
06:51 AM	8.3 253	07:40 AM	6.7 204	08:12 AM	7.5 229	08:15 AM	6.1 186	10:36 AM	6.5 198	10:11 AM	5.6 171
Th 02:35 PM	0.4 12	F 03:07 PM	1.3 40	Sa 03:13 PM	0.2 6	Su 02:52 PM	1.3 40	Tu 04:21 PM	1.6 49	W 03:29 PM	2.5 76
○ 09:27 PM	6.5 198	09:55 PM	6.7 204	09:51 PM	7.6 232	09:37 PM	7.2 219	10:42 PM	8.9 271	09:49 PM	8.2 250
<b>14</b> 02:35 AM	3.8 116	<b>29</b> 03:28 AM	3.6 110	<b>14</b> 03:50 AM	2.3 70	<b>29</b> 03:51 AM	2.5 76	<b>14</b> 05:36 AM	-0.2 -6	<b>29</b> 05:03 AM	0.5 15
08:16 AM	8.0 244	09:02 AM	6.5 198	09:34 AM	7.2 219	09:33 AM	6.0 183	11:43 AM	6.6 201	11:23 AM	5.9 180
F 03:48 PM	0.2 6	Sa 04:04 PM	1.2 37	Su 04:10 PM	0.4 12	M 03:43 PM	1.6 49	W 05:12 PM	2.1 64	Th 04:26 PM	2.9 88
10:29 PM	7.0 213	10:42 PM	7.0 213	10:40 PM	8.2 250	10:17 PM	7.6 232	11:25 PM	9.1 277	10:35 PM	8.6 262
<b>15</b> 03:59 AM	3.2 98	<b>30</b> 04:32 AM	2.9 88	<b>15</b> 04:55 AM	1.3 40	<b>30</b> 04:48 AM	1.7 52	<b>15</b> 06:28 AM	-0.7 -21	<b>30</b> 05:57 AM	-0.2 -6
09:43 AM	7.9 241	10:15 AM	6.6 201	10:47 AM	7.2 219	10:43 AM	6.1 186	12:42 PM	6.9 210	12:26 PM	6.3 192
Sa 04:50 PM	0.0 0	Su 04:51 PM	1.2 37	M 05:02 PM	0.7 21	Tu 04:31 PM	1.9 58	Th 06:01 PM	2.5 76	F 05:23 PM	3.2 98
11:20 PM	7.6 232	11:22 PM	7.4 226	11:23 PM	8.7 265	10:53 PM	8.1 247			11:22 PM	9.0 274
						<b>31</b> 05:38 AM	0.8 24				
						11:45 AM	6.4 195				
						W 05:17 PM	2.2 67				
						11:28 PM	8.5 259				

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.



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> 06:49 AM	-0.8 -24	<b>16</b> 12:25 AM	8.6 262	<b>1</b> 12:52 AM	9.4 287	<b>16</b> 01:37 AM	8.1 247	<b>1</b> 02:34 AM	9.0 274	<b>16</b> 02:40 AM	7.5 229
01:22 PM	6.7 204	07:46 AM	-1.0 -30	08:11 AM	-1.9 -58	08:35 AM	-0.8 -24	09:08 AM	-1.4 -43	08:54 AM	0.2 6
Sa 06:20 PM	3.3 101	Su 02:11 PM	7.0 213	Tu 02:38 PM	7.3 223	W 02:55 PM	7.3 223	F 03:21 PM	8.5 259	Sa 03:00 PM	7.9 241
		07:21 PM	3.2 98	08:00 PM	2.3 70	08:31 PM	2.0 61	09:29 PM	-0.1 -3	09:19 PM	0.4 12
<b>2</b> 12:11 AM	9.4 287	<b>17</b> 01:08 AM	8.6 262	<b>2</b> 01:47 AM	9.6 293	<b>17</b> 02:15 AM	8.0 244	<b>2</b> 03:25 AM	8.6 262	<b>17</b> 03:17 AM	7.3 223
07:39 AM	-1.4 -43	09:26 AM	-1.0 -30	09:38 AM	-2.1 -64	09:04 AM	-0.7 -21	09:47 AM	-0.9 -27	09:20 AM	0.6 18
Su 02:14 PM	7.0 213	M 02:52 PM	7.2 219	W 03:21 PM	7.7 235	Th 03:24 PM	7.3 223	Sa 03:58 PM	8.7 265	Su 03:22 PM	8.1 247
07:15 PM	3.3 101	08:06 PM	3.1 94	08:53 PM	1.7 52	09:08 PM	1.7 52	10:18 PM	-0.4 -12	09:51 PM	0.1 3
<b>3</b> 01:01 AM	9.6 293	<b>18</b> 01:48 AM	8.5 259	<b>3</b> 02:40 AM	9.4 287	<b>18</b> 02:52 AM	7.8 238	<b>3</b> 04:18 AM	8.0 244	<b>18</b> 03:57 AM	7.0 213
08:28 AM	-1.7 -52	09:03 AM	-0.9 -27	09:38 AM	-2.0 -61	10:22 AM	-0.5 -15	10:24 AM	-0.1 -3	09:46 AM	1.1 34
M 03:02 PM	7.2 219	Tu 03:30 PM	7.2 219	Th 04:01 PM	8.0 244	F 03:50 PM	7.4 226	Su 04:35 PM	8.7 265	M 03:45 PM	8.3 253
08:10 PM	3.1 94	08:49 PM	2.9 88	09:46 PM	1.2 37	09:43 PM	1.4 43	11:08 PM	-0.5 -15	10:25 PM	0.0 0
<b>4</b> 01:52 AM	9.7 296	<b>19</b> 02:27 AM	8.3 253	<b>4</b> 03:33 AM	9.0 274	<b>19</b> 03:29 AM	7.5 229	<b>4</b> 05:13 AM	7.3 223	<b>19</b> 04:39 AM	6.7 204
09:15 AM	-1.9 -58	09:03 AM	-0.8 -24	10:19 AM	-1.6 -49	09:57 AM	-0.2 -6	11:03 AM	0.7 21	10:15 AM	1.7 52
Tu 03:49 PM	7.4 226	W 04:05 PM	7.2 219	F 04:41 PM	8.2 250	Sa 04:14 PM	7.5 229	M 05:13 PM	8.6 262	Tu 04:12 PM	8.4 256
09:04 PM	2.8 85	09:28 PM	2.7 82	10:38 PM	0.8 24	10:18 PM	1.2 37			11:02 PM	0.0 0
<b>5</b> 02:45 AM	9.6 293	<b>20</b> 03:04 AM	8.1 247	<b>5</b> 04:27 AM	8.4 256	<b>20</b> 04:07 AM	7.1 216	<b>5</b> 12:00 AM	-0.3 -9	<b>20</b> 05:29 AM	6.3 192
10:01 AM	-1.9 -58	10:05 AM	-0.6 -18	10:58 AM	-1.0 -30	10:22 AM	0.2 6	06:12 AM	6.6 201	10:48 AM	2.3 70
W 04:32 PM	7.6 232	Th 04:36 PM	7.2 219	Sa 05:21 PM	8.4 256	Su 04:37 PM	7.7 235	Tu 11:44 AM	1.7 52	W 04:46 PM	8.4 256
09:58 PM	2.5 76	10:07 PM	2.5 76	11:31 PM	0.5 15	10:53 PM	1.0 30	05:54 PM	8.3 253	11:48 PM	0.2 6
<b>6</b> 03:38 AM	9.3 283	<b>21</b> 03:42 AM	7.7 235	<b>6</b> 05:24 AM	7.6 232	<b>21</b> 04:48 AM	6.7 204	<b>6</b> 12:58 AM	0.0 0	<b>21</b> 06:31 AM	5.8 177
10:45 AM	-1.7 -52	10:33 AM	-0.4 -12	11:38 AM	-0.2 -6	10:48 AM	0.8 24	07:20 AM	6.1 186	11:29 AM	2.9 88
Th 05:18 PM	7.8 238	F 05:06 PM	7.2 219	Su 06:02 PM	8.4 256	M 05:01 PM	7.8 238	W 12:33 PM	2.5 76	Th 05:29 PM	8.3 253
10:52 PM	2.1 64	10:45 PM	2.3 70			11:32 PM	0.8 24	06:41 PM	7.9 241		
<b>7</b> 04:34 AM	8.8 268	<b>22</b> 04:21 AM	7.3 223	<b>7</b> 12:28 AM	0.4 12	<b>22</b> 05:36 AM	6.2 189	<b>7</b> 02:06 AM	0.4 12	<b>22</b> 12:50 AM	0.4 12
11:28 AM	-1.3 -40	11:00 AM	-0.1 -3	06:26 AM	6.8 207	11:19 AM	1.4 43	08:35 AM	5.8 177	07:50 AM	5.5 168
F 06:02 PM	8.0 244	Sa 05:33 PM	7.3 223	M 12:20 PM	0.8 24	Tu 05:32 PM	8.0 244	Th 01:36 PM	3.2 98	F 12:27 PM	3.5 107
11:50 PM	1.8 55	11:26 PM	2.1 64	06:45 PM	8.4 256			07:39 PM	7.4 226	06:27 PM	8.0 244
<b>8</b> 05:33 AM	8.0 244	<b>23</b> 05:04 AM	6.8 207	<b>8</b> 01:32 AM	0.4 12	<b>23</b> 12:19 AM	0.8 24	<b>8</b> 03:21 AM	0.5 15	<b>23</b> 02:14 AM	0.5 15
12:13 PM	-0.6 -18	11:29 AM	0.4 12	07:35 AM	6.1 186	06:38 AM	5.7 174	09:53 AM	5.9 180	09:15 AM	5.6 171
Sa 06:47 PM	8.1 247	Su 06:02 PM	7.4 226	Tu 01:08 PM	1.7 52	W 11:57 AM	2.2 67	F 02:54 PM	3.6 110	Sa 01:55 PM	3.8 116
				07:32 PM	8.2 250	06:11 PM	8.0 244	08:50 PM	7.2 219	07:45 PM	7.7 235
<b>9</b> 12:53 AM	1.5 46	<b>24</b> 12:11 AM	1.9 58	<b>9</b> 02:41 AM	0.4 12	<b>24</b> 01:21 AM	0.8 24	<b>9</b> 04:30 AM	0.3 9	<b>24</b> 03:39 AM	0.2 6
06:38 AM	7.2 219	05:54 AM	6.3 192	08:52 AM	5.7 174	07:58 AM	5.3 162	11:01 AM	6.2 189	10:29 AM	6.0 183
Su 12:59 PM	0.2 6	M 12:01 PM	1.0 30	W 02:07 PM	2.5 76	Th 12:48 AM	2.9 88	Sa 04:10 PM	3.4 104	Su 03:31 PM	3.5 107
07:34 PM	8.3 253	06:33 PM	7.6 232	08:26 PM	8.0 244	07:03 PM	8.0 244	10:03 PM	7.2 219	09:14 PM	7.7 235
<b>10</b> 02:01 AM	1.2 37	<b>25</b> 01:05 AM	1.7 52	<b>10</b> 03:52 AM	0.2 6	<b>25</b> 02:42 AM	0.7 21	<b>10</b> 05:28 AM	0.1 3	<b>25</b> 04:48 AM	-0.2 -6
07:50 AM	6.5 198	06:58 AM	5.7 174	10:12 AM	5.8 177	09:29 AM	5.3 162	11:54 AM	6.6 201	11:25 AM	6.6 201
M 01:49 PM	1.0 30	Tu 12:41 PM	1.6 49	Th 03:15 PM	3.1 94	F 02:02 PM	3.4 104	Su 05:13 PM	3.0 91	M 04:47 PM	2.8 85
08:22 PM	8.4 256	07:11 PM	7.8 238	09:25 PM	7.9 241	08:09 PM	8.0 244	11:06 PM	7.3 223	10:35 PM	8.0 244
<b>11</b> 03:11 AM	0.7 21	<b>26</b> 02:09 AM	1.4 43	<b>11</b> 04:58 AM	-0.1 -3	<b>26</b> 04:03 AM	0.2 6	<b>11</b> 06:14 AM	-0.2 -6	<b>26</b> 05:43 AM	-0.7 -21
09:07 AM	6.1 186	08:18 AM	5.3 162	11:22 AM	6.1 186	10:50 AM	5.6 171	12:36 PM	7.0 213	12:10 PM	7.3 223
Tu 02:45 PM	1.8 55	W 01:31 PM	2.4 73	F 04:24 PM	3.3 101	Sa 03:33 PM	3.6 110	M 06:05 PM	2.5 76	Tu 05:49 PM	1.8 55
09:12 PM	8.5 259	07:57 PM	7.9 241	10:26 PM	7.9 241	09:26 PM	8.1 247	11:58 PM	7.5 229	11:42 PM	8.4 256
<b>12</b> 04:18 AM	0.2 6	<b>27</b> 03:21 AM	0.9 27	<b>12</b> 05:55 AM	-0.4 -12	<b>27</b> 05:13 AM	-0.4 -12	<b>12</b> 06:53 AM	-0.3 -9	<b>27</b> 06:31 AM	-0.9 -27
10:24 AM	6.0 183	09:45 AM	5.3 162	12:19 PM	6.5 198	11:52 AM	6.2 189	01:12 PM	7.2 219	12:51 PM	7.9 241
W 03:44 PM	2.4 73	Th 02:36 PM	3.0 91	Sa 05:26 PM	3.2 98	Su 04:51 PM	3.3 101	Tu 06:50 PM	1.9 58	W 06:44 PM	0.8 24
10:02 PM	8.6 262	08:52 PM	8.2 250	11:22 PM	7.9 241	10:41 PM	8.4 256				
<b>13</b> 05:18 AM	-0.3 -9	<b>28</b> 04:31 AM	0.3 9	<b>13</b> 06:43 AM	-0.6 -18	<b>28</b> 06:10 AM	-1.0 -30	<b>13</b> 12:43 AM	7.7 235	<b>28</b> 12:40 AM	8.6 262
11:34 AM	6.2 189	11:06 AM	5.6 171	01:06 PM	6.8 207	12:42 PM	6.7 204	07:27 AM	-0.4 -12	07:15 AM	-1.0 -30
Th 04:43 PM	2.9 88	F 03:49 PM	3.4 104	Su 06:20 PM	3.0 91	M 05:57 PM	2.6 79	W 01:44 PM	7.4 226	Th 01:28 PM	8.4 256
10:52 PM	8.6 262	09:52 PM	8.5 259			11:48 PM	8.8 268	07:31 PM	1.4 43	07:35 PM	0.0 0
<b>14</b> 06:13 AM	-0.6 -18	<b>29</b> 05:33 AM	-0.3 -9	<b>14</b> 12:13 AM	8.0 244	<b>29</b> 07:01 AM	-1.5 -46	<b>14</b> 01:24 AM	7.7 235	<b>29</b> 01:34 AM	8.7 265
12:34 PM	6.6 201	12:11 PM	6.1 186	07:25 AM	-0.7 -21	01:26 PM	7.2 219	07:58 AM	-0.3 -9	07:55 AM	-0.7 -21
F 05:39 PM	3.1 94	Sa 05:00 PM	3.4 104	M 01:47 PM	7.0 213	Tu 06:55 PM	1.9 58	Th 02:12 PM	7.6 232	F 02:05 PM	8.9 271
11:40 PM	8.6 262	10:55 PM	8.8 268	07:08 PM	2.7 83			08:09 PM	1.0 30	08:24 PM	-0.7 -21
<b>15</b> 07:01 AM	-0.9 -27	<b>30</b> 06:30 AM	-1.0 -30	<b>15</b> 12:57 AM	8.1 247	<b>30</b> 12:47 AM	9.1 277	<b>15</b> 02:02 AM	7.7 235	<b>30</b> 02:26 AM	8.5 259
01:25 PM	6.8 207	01:06 PM	6.6 201	08:02 AM	-0.8 -24	07:46 AM	-1.7 -52	08:27 AM	-0.1 -3	08:35 AM	-0.2 -6
Sa 06:32 PM	3.2 98	Su 06:04 PM	3.2 98	Tu 02:23 PM	7.2 219	W 02:06 PM	7.7 235	F 02:37 PM	7.7 235	Sa 02:40 PM	9.1 277
		11:55 PM	9.2 280	07:51 PM	2.3 70	07:48 PM	1.1 34	08:45 PM	0.6 18	09:11 PM	-1.1 -34
		<b>31</b> 07:22 AM	-1.5 -46			<b>31</b> 01:41 AM	9.2 280				
		01:54 PM	7.0 213			08:28 AM	-1.7 -52				
		M 07:04 PM	2.8 85			Th 02:44 PM	8.1 247				
						08:40 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.



StationId: 9439040  
 Source: NOAA/NOS/CO-OPS  
 Station Type: Primary  
 Time Zone: LST\_LDT  
 Datum: MLLW

NOAA Tide Predictions

Astoria, OR, 2023  
 (46 12.4N / 123 46.1W)

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> 03:17 AM 09:13 AM Su 03:15 PM 09:57 PM	8.2 250 0.4 12 9.2 280 -1.2 -37	<b>16</b> 03:09 AM 08:47 AM M 02:37 PM 09:29 PM	7.3 223 1.8 55 8.8 268 -0.5 -15	<b>1</b> 04:51 AM 10:06 AM W 03:48 PM 11:04 PM	7.5 229 3.1 94 8.9 271 -0.5 -15	<b>16</b> 03:38 AM 08:41 AM Th 02:18 PM 09:39 PM	7.3 223 3.6 110 9.6 293 -0.7 -21	<b>1</b> 04:24 AM 09:33 AM F 03:02 PM 10:22 PM	7.6 232 3.9 119 8.6 262 0.2 6	<b>16</b> 04:15 AM 09:30 AM Sa 03:05 PM 10:18 PM	7.9 241 3.6 110 9.5 290 -0.7 -21
<b>2</b> 04:08 AM 10:31 AM M 03:50 PM 10:43 PM	7.7 235 1.2 37 9.1 277 -1.0 -30	<b>17</b> 03:52 AM 09:18 AM Tu 03:04 PM 10:05 PM	7.1 216 2.3 70 9.0 274 -0.6 -18	<b>2</b> 05:44 AM 10:50 AM Th 04:27 PM 11:51 PM	7.1 216 3.5 107 8.4 256 0.1 3	<b>17</b> 04:29 AM 09:28 AM F 03:05 PM 10:28 PM	7.2 219 3.8 116 9.3 283 -0.4 -12	<b>2</b> 05:10 AM 10:20 AM Sa 03:46 PM 11:03 PM	7.4 226 4.0 122 8.0 244 0.7 21	<b>17</b> 05:02 AM 10:30 AM Su 04:02 PM 11:05 PM	8.0 244 3.4 104 8.9 271 -0.2 -6
<b>3</b> 05:02 AM 10:31 AM Tu 04:26 PM 11:30 PM	7.2 219 1.9 58 8.8 268 -0.6 -18	<b>18</b> 04:38 AM 09:52 AM W 03:37 PM 10:45 PM	6.9 210 2.8 85 9.0 274 -0.4 -12	<b>3</b> 06:40 AM 11:41 AM F 05:13 PM	6.9 210 3.9 119 7.8 238	<b>18</b> 05:24 AM 10:25 AM Sa 04:00 PM 11:24 PM	7.1 216 3.9 119 8.8 268 -0.1 -3	<b>3</b> 05:57 AM 11:15 AM Su 04:38 PM 11:47 PM	7.3 223 4.0 122 7.4 226 1.1 34	<b>18</b> 05:50 AM 11:32 AM M 05:07 PM 11:56 PM	8.1 247 3.2 98 8.2 250 0.4 12
<b>4</b> 05:59 AM 11:13 AM W 05:06 PM	6.7 204 2.7 82 8.3 253	<b>19</b> 05:30 AM 10:31 AM Th 04:17 PM 11:33 PM	6.6 201 3.2 98 8.9 271 -0.2 -6	<b>4</b> 12:44 AM 07:40 AM Sa 12:45 PM 06:12 PM	0.7 21 6.7 204 4.1 125 7.2 219	<b>19</b> 06:22 AM 11:36 AM Su 05:08 PM	7.1 216 3.9 119 8.1 247	<b>4</b> 06:44 AM 12:19 PM M 05:42 PM	7.3 223 3.9 119 6.8 207	<b>19</b> 06:40 AM 12:44 PM Tu 06:23 PM	8.3 253 2.7 82 7.4 226
<b>5</b> 12:23 AM 07:02 AM Th 12:04 PM 05:52 PM	0.0 0 6.4 195 3.3 101 7.7 235	<b>20</b> 06:31 AM 11:20 AM F 05:06 PM	6.3 192 3.6 110 8.5 259	<b>5</b> 01:45 AM 07:40 AM Su 01:01 PM 06:28 PM	1.1 34 6.7 204 4.0 122 6.6 201	<b>20</b> 12:27 AM 07:21 AM M 12:58 PM 06:31 PM	0.3 9 7.4 226 3.5 107 7.6 232	<b>5</b> 12:35 AM 07:31 AM Tu 01:30 PM 06:59 PM	1.5 46 7.5 229 3.5 107 6.3 192	<b>20</b> 12:50 AM 07:30 AM W 01:59 PM 07:45 PM	1.1 34 8.7 265 2.1 64 7.0 213
<b>6</b> 01:26 AM 08:13 AM F 01:11 PM 06:53 PM	0.5 15 6.2 189 3.8 116 7.1 216	<b>21</b> 12:35 AM 07:42 AM Sa 12:29 PM 06:11 PM	0.1 3 6.2 189 3.9 119 8.0 244	<b>6</b> 01:47 AM 08:36 AM M 02:17 PM 07:51 PM	1.3 40 7.0 213 3.5 107 6.4 195	<b>21</b> 01:32 AM 08:16 AM Tu 02:18 PM 07:57 PM	0.6 18 7.8 238 2.7 82 7.2 219	<b>6</b> 01:28 AM 08:15 AM W 02:37 PM 08:19 PM	1.9 58 7.7 235 2.9 88 6.2 189	<b>21</b> 01:48 AM 08:21 AM Th 03:09 PM 09:06 PM	1.7 52 9.0 274 1.3 40 6.8 207
<b>7</b> 02:38 AM 09:24 AM Sa 02:33 PM 08:12 PM	0.8 24 6.2 189 3.9 119 6.7 204	<b>22</b> 01:52 AM 08:54 AM Su 02:01 PM 07:36 PM	0.4 12 6.4 195 3.8 116 7.6 232	<b>7</b> 02:44 AM 09:23 AM Tu 03:21 PM 09:05 PM	1.4 43 7.3 223 2.8 85 6.5 198	<b>22</b> 02:33 AM 09:07 AM W 03:27 PM 09:17 PM	0.9 27 8.4 256 1.7 52 7.2 219	<b>7</b> 02:20 AM 08:56 AM Th 03:36 PM 09:32 PM	2.3 70 8.1 247 2.1 64 6.3 192	<b>22</b> 02:46 AM 09:10 AM F 04:11 PM 10:19 PM	2.3 70 9.4 287 0.4 12 7.0 213
<b>8</b> 03:48 AM 10:26 AM Su 03:50 PM 09:34 PM	0.9 27 6.5 198 3.5 107 6.7 204	<b>23</b> 03:09 AM 09:57 AM M 03:29 PM 09:27 PM	0.3 9 6.8 207 3.2 98 7.5 229	<b>8</b> 03:32 AM 10:02 AM W 04:14 PM 10:07 PM	1.4 43 7.7 235 2.0 61 6.7 204	<b>23</b> 03:28 AM 09:52 AM Th 04:26 PM 10:26 PM	1.2 37 9.0 274 0.6 18 7.4 226	<b>8</b> 03:10 AM 09:34 AM F 04:26 PM 10:36 PM	2.6 79 8.5 259 1.3 40 6.6 201	<b>23</b> 03:43 AM 09:57 AM Sa 05:06 PM 11:22 PM	2.8 85 9.7 296 -0.2 -6 7.4 226
<b>9</b> 04:45 AM 11:15 AM M 04:53 PM 10:42 PM	0.7 21 6.9 210 2.8 85 6.8 207	<b>24</b> 04:14 AM 10:49 AM Tu 04:40 PM 10:27 PM	0.2 6 7.5 229 2.2 67 7.7 235	<b>9</b> 04:14 AM 10:36 AM Th 05:00 PM 11:00 PM	1.5 46 8.1 247 1.2 37 6.9 210	<b>24</b> 04:18 AM 10:34 AM F 05:19 PM 11:27 PM	1.5 46 9.5 290 -0.3 -9 7.7 235	<b>9</b> 03:58 AM 10:10 AM Sa 05:12 PM 11:32 PM	2.9 88 8.9 271 0.6 18 6.9 210	<b>24</b> 04:37 AM 10:43 AM Su 05:57 PM	3.2 98 9.9 302 -0.6 -18
<b>10</b> 05:31 AM 11:55 AM Tu 05:44 PM 11:37 PM	0.5 15 7.3 223 2.1 64 7.1 216	<b>25</b> 05:08 AM 11:33 AM W 05:39 PM 11:34 PM	0.1 3 8.1 247 1.1 34 7.9 241	<b>10</b> 04:53 AM 11:06 AM F 05:41 PM 11:49 PM	1.7 52 8.5 259 0.5 15 7.2 219	<b>25</b> 05:05 AM 11:14 AM Sa 06:08 PM	1.9 58 9.9 302 -0.9 -27	<b>10</b> 04:45 AM 10:45 AM Su 05:56 PM	3.2 98 9.3 283 0.0 0	<b>25</b> 12:18 AM 05:29 AM M 11:26 AM 06:43 PM	7.7 235 3.5 107 9.9 302 -0.8 -24
<b>11</b> 06:09 AM 12:28 PM W 06:28 PM	0.4 12 7.6 232 1.4 43	<b>26</b> 05:56 AM 12:13 PM Th 06:32 PM	0.1 3 8.8 268 0.1 3	<b>11</b> 05:29 AM 11:34 AM Sa 06:20 PM	2.0 61 8.8 268 0.0 0	<b>26</b> 12:22 AM 05:51 AM Su 11:52 AM 06:55 PM	7.9 241 2.4 73 10.0 305 -1.2 -37	<b>11</b> 12:23 AM 05:30 AM M 11:22 AM 06:39 PM	7.3 223 3.5 107 9.6 293 -0.5 -15	<b>26</b> 01:08 AM 06:19 AM Tu 12:08 PM 07:27 PM	7.9 241 3.7 113 9.8 299 -0.8 -24
<b>12</b> 12:24 AM 06:43 AM Th 12:58 PM 07:08 PM	7.3 223 0.5 15 7.9 241 0.8 24	<b>27</b> 12:33 AM 06:39 AM F 12:50 PM 07:22 PM	8.1 247 0.4 12 9.3 283 -0.7 -21	<b>12</b> 12:34 AM 06:06 AM Su 12:02 PM 06:58 PM	7.4 226 2.3 70 9.1 277 -0.4 -12	<b>27</b> 01:14 AM 06:36 AM M 12:30 PM 07:39 PM	8.0 244 2.8 85 10.0 305 -1.2 -37	<b>12</b> 01:11 AM 06:16 AM Tu 12:00 PM 07:22 PM	7.6 232 3.7 113 9.9 302 -0.8 -24	<b>27</b> 01:54 AM 07:06 AM W 12:49 PM 08:07 PM	8.1 247 3.8 116 9.7 296 -0.7 -21
<b>13</b> 01:07 AM 07:15 AM F 01:24 PM 07:45 PM	7.4 226 0.6 18 8.2 250 0.3 9	<b>28</b> 01:27 AM 07:21 AM Sa 01:26 PM 08:08 PM	8.2 250 0.8 24 9.6 293 -1.2 -37	<b>13</b> 01:19 AM 06:43 AM M 12:31 PM 07:36 PM	7.5 229 2.7 82 9.4 287 -0.7 -21	<b>28</b> 02:03 AM 07:21 AM Tu 01:07 PM 08:21 PM	8.0 244 3.2 98 9.8 299 -1.1 -34	<b>13</b> 01:57 AM 07:03 AM W 12:41 PM 08:05 PM	7.7 235 3.9 119 10.0 305 -1.0 -30	<b>28</b> 02:37 AM 07:51 AM Th 01:29 PM 08:45 PM	8.1 247 3.8 116 9.4 287 -0.5 -15
<b>14</b> 01:48 AM 07:46 AM Sa 01:49 PM 08:21 PM	7.5 229 1.0 30 8.4 256 -0.1 -3	<b>29</b> 02:19 AM 08:02 AM Su 02:01 PM 08:54 PM	8.1 247 1.4 43 9.7 296 -1.4 -43	<b>14</b> 02:04 AM 07:20 AM Tu 01:02 PM 08:15 PM	7.5 229 3.1 94 9.5 290 -0.9 -27	<b>29</b> 02:51 AM 08:04 AM W 01:44 PM 09:02 PM	7.9 241 3.5 107 9.5 290 -0.7 -21	<b>14</b> 02:43 AM 07:50 AM Th 01:25 PM 08:48 PM	7.8 238 3.9 119 10.1 308 -1.1 -34	<b>29</b> 03:17 AM 08:34 AM F 02:08 PM 09:19 PM	8.1 247 3.8 116 9.1 277 -0.2 -6
<b>15</b> 02:28 AM 08:16 AM Su 02:12 PM 08:55 PM	7.4 226 1.4 43 8.6 262 -0.4 -12	<b>30</b> 03:09 AM 08:43 AM M 02:36 PM 09:37 PM	8.0 244 1.9 58 9.6 293 -1.3 -40	<b>15</b> 02:50 AM 07:59 AM W 01:38 PM 08:55 PM	7.5 229 3.4 104 9.6 293 -0.8 -24	<b>30</b> 03:38 AM 08:48 AM Th 02:22 PM 09:42 PM	7.8 238 3.8 116 9.1 277 -0.3 -9	<b>15</b> 03:29 AM 08:38 AM F 02:13 PM 09:32 PM	7.9 241 3.8 116 9.9 302 -1.0 -30	<b>30</b> 03:55 AM 09:15 AM Sa 02:47 PM 09:51 PM	8.0 244 3.7 113 8.7 265 0.1 3
<b>31</b> 04:00 AM 09:24 AM Tu 03:12 PM 10:21 PM	7.7 235 2.5 76 9.4 287 -1.0 -30									<b>31</b> 04:32 AM 09:57 AM Su 03:27 PM 10:21 PM	7.9 241 3.6 110 8.2 250 0.6 18

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.