



NOAA Tide Predictions

NORTH JETTY, WA, 2024

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, 2024
 (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	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
1 04:21 AM	6.9 210	16 04:22 AM	8.0 244	1 04:19 AM	7.5 229	16 05:04 AM	8.2 250	1 03:21 AM	7.8 238	16 05:22 AM	7.8 238
09:44 AM	3.5 107	10:13 AM	2.0 61	10:40 AM	2.3 70	12:00 PM	1.0 30	09:56 AM	1.3 40	12:30 PM	0.7 21
M 03:29 PM	6.5 198	Tu 04:16 PM	7.1 216	Th 04:54 PM	5.3 162	F 06:31 PM	5.4 165	F 04:34 PM	5.3 162	Sa 07:18 PM	5.4 165
09:52 PM	1.2 37	10:16 PM	0.8 24	10:09 PM	2.7 82	o 11:22 PM	3.4 104	09:30 PM	3.0 91	11:59 PM	3.8 116
2 04:55 AM	6.9 210	17 05:05 AM	8.2 250	2 04:52 AM	7.6 232	17 05:57 AM	7.9 241	2 03:56 AM	7.8 238	17 06:18 AM	7.3 223
10:36 AM	3.1 94	11:18 AM	1.8 55	11:40 AM	2.1 64	01:16 PM	1.0 30	10:49 AM	1.4 43	10:45 PM	1.0 30
Tu 04:23 PM	5.8 177	W 05:25 PM	6.2 189	F 06:11 PM	4.9 149	Sa 07:56 PM	5.3 162	Sa 05:46 PM	4.9 149	Su 08:37 PM	5.4 165
10:26 PM	1.8 55	11:02 PM	1.8 55	o 10:53 PM	3.4 104			10:14 PM	3.7 113	o	
3 05:30 AM	7.0 213	18 05:51 AM	8.2 250	3 05:36 AM	7.6 232	18 12:34 AM	4.1 125	3 04:42 AM	7.7 235	18 01:18 AM	4.2 128
11:36 AM	3.1 94	12:29 PM	1.5 46	12:53 PM	1.9 58	07:01 AM	7.5 229	12:03 PM	1.4 43	07:29 AM	6.8 207
W 05:30 PM	5.3 162	Th 06:43 PM	5.6 171	Sa 07:43 PM	4.8 146	Su 02:31 PM	0.9 27	Su 07:16 PM	4.7 143	M 03:01 PM	1.0 30
11:07 PM	2.4 73	o 11:57 PM	2.7 82	11:56 PM	4.1 125	o 09:16 PM	5.6 171	o 11:19 PM	4.3 131	09:52 PM	5.6 171
4 06:08 AM	7.2 219	19 06:43 AM	8.2 250	4 06:31 AM	7.7 235	19 01:55 AM	4.3 131	4 05:44 AM	7.5 229	19 02:43 AM	4.2 128
12:43 PM	2.7 82	10:42 AM	1.1 34	02:09 PM	1.4 43	08:12 AM	7.4 226	01:29 PM	1.2 37	10:50 AM	6.5 198
Th 06:51 PM	4.9 149	F 08:07 PM	5.4 165	Su 09:09 PM	5.1 155	M 03:35 PM	0.6 18	M 08:42 PM	5.0 152	Tu 04:05 PM	0.8 24
o 11:58 PM	3.1 94					10:19 PM	6.0 183			10:50 PM	6.0 183
5 06:51 AM	7.4 226	20 01:02 AM	3.5 107	5 01:19 AM	4.6 140	20 03:07 AM	4.2 128	5 12:54 AM	4.5 137	20 03:55 AM	3.7 113
11:49 AM	2.1 64	07:38 AM	8.2 250	07:36 AM	7.8 238	09:19 AM	7.4 226	07:03 AM	7.4 226	10:02 AM	6.6 201
F 08:17 PM	4.9 149	Sa 02:51 PM	0.7 21	M 03:15 PM	0.8 24	Tu 04:28 PM	0.3 9	Tu 02:44 PM	0.7 21	W 04:56 PM	0.6 18
		09:27 PM	5.7 174	10:16 PM	5.6 171	11:08 PM	6.5 198	09:47 PM	5.5 168	11:35 PM	6.4 195
6 12:59 AM	3.7 113	21 02:11 AM	4.0 122	6 02:38 AM	4.6 140	21 04:07 AM	3.8 116	6 02:23 AM	4.3 131	21 04:52 AM	3.1 94
07:37 AM	7.7 235	08:36 AM	8.2 250	08:45 AM	8.1 247	10:16 AM	7.5 229	08:25 AM	7.6 232	11:01 AM	6.8 207
Sa 02:50 PM	1.4 43	Su 03:52 PM	0.2 6	Tu 04:12 PM	0.1 3	W 05:11 PM	0.0 0	W 03:44 PM	0.1 3	Th 05:37 PM	0.4 12
09:33 PM	5.3 162	10:33 PM	6.1 186	11:08 PM	6.1 186	11:48 PM	6.8 207	10:37 PM	6.1 186		
7 02:04 AM	4.1 125	22 03:16 AM	4.2 128	7 03:46 AM	4.3 131	22 04:58 AM	3.3 101	7 03:32 AM	3.6 110	22 12:12 AM	6.8 207
08:26 AM	8.0 244	09:33 AM	8.3 253	09:49 AM	8.5 259	11:04 AM	7.6 232	09:36 AM	8.0 244	05:40 AM	2.5 76
Su 03:44 PM	0.7 21	M 04:45 PM	-0.1 -3	W 05:03 PM	-0.5 -15	Th 05:49 PM	-0.1 -3	Th 04:34 PM	-0.5 -15	F 11:49 AM	6.9 210
10:35 PM	5.8 177	11:27 PM	6.5 198	11:53 PM	6.6 201			11:18 PM	6.7 204	F 06:12 PM	0.4 12
8 03:06 AM	4.3 131	23 04:16 AM	4.1 125	8 04:45 AM	3.7 113	23 12:24 AM	7.0 213	8 04:31 AM	2.7 82	23 12:44 AM	7.0 213
09:17 AM	8.4 256	10:25 AM	8.3 253	10:47 AM	8.9 271	05:42 AM	2.9 88	10:38 AM	8.3 253	06:22 AM	1.9 58
M 04:35 PM	0.1 3	Tu 05:31 PM	-0.3 -9	Th 05:49 PM	-1.0 -30	F 11:46 AM	7.6 232	F 05:19 PM	-0.8 -24	Sa 12:32 PM	7.0 213
11:29 PM	6.2 189					06:21 PM	0.0 0	11:56 PM	7.3 223	06:43 PM	0.5 15
9 04:04 AM	4.4 134	24 12:12 AM	6.8 207	9 12:33 AM	7.1 216	24 12:55 AM	7.1 216	9 05:25 AM	1.8 55	24 01:12 AM	7.2 219
10:08 AM	8.8 268	05:09 AM	4.0 122	05:39 AM	3.1 94	06:22 AM	2.4 73	11:34 AM	8.5 259	07:01 AM	1.4 43
Tu 05:23 PM	-0.5 -15	W 11:12 AM	8.3 253	F 11:42 AM	9.1 277	Sa 12:25 PM	7.5 229	Sa 06:01 PM	-0.9 -27	Su 01:12 PM	6.9 210
		06:13 PM	-0.3 -9	o 06:31 PM	-1.3 -40	o 06:50 PM	0.1 3			07:12 PM	0.7 21
10 12:16 AM	6.6 201	25 12:53 AM	7.0 213	10 01:11 AM	7.5 229	25 01:24 AM	7.2 219	10 12:33 AM	7.8 238	25 01:37 AM	7.4 226
04:59 AM	4.2 128	05:56 AM	3.7 113	06:30 AM	2.4 73	07:00 AM	2.1 64	07:16 AM	0.9 27	07:37 AM	0.9 27
W 10:58 AM	9.1 277	Th 11:55 AM	8.2 250	Sa 12:33 PM	9.1 277	Su 01:03 PM	7.3 223	Su 01:26 PM	8.5 259	M 01:51 PM	6.8 207
06:09 PM	-0.9 -27	o 06:49 PM	-0.3 -9	07:11 PM	-1.2 -37	07:17 PM	0.4 12	o 07:40 PM	-0.6 -18	o 07:39 PM	1.1 34
11 01:00 AM	7.0 213	26 01:30 AM	7.1 216	11 01:48 AM	7.8 238	26 01:49 AM	7.3 223	11 02:08 AM	8.3 253	26 02:00 AM	7.5 229
05:51 AM	3.9 119	06:39 AM	3.4 104	07:20 AM	1.7 52	07:35 AM	1.7 52	08:05 AM	0.2 6	08:11 AM	0.6 18
Th 11:48 AM	9.3 283	F 12:36 PM	8.0 244	Su 01:25 PM	8.8 268	M 01:39 PM	7.0 213	M 02:18 PM	8.2 250	Tu 02:29 PM	6.6 201
o 06:53 PM	-1.2 -37	07:22 PM	-0.2 -6	07:49 PM	-0.9 -27	07:42 PM	0.7 21	08:18 PM	-0.2 -6	Tu 08:06 PM	1.5 46
12 01:41 AM	7.2 219	27 02:03 AM	7.2 219	12 02:24 AM	8.2 250	27 02:11 AM	7.4 226	12 02:44 AM	8.6 262	27 02:22 AM	7.7 235
06:42 AM	3.5 107	07:19 AM	3.2 98	08:09 AM	1.2 37	08:08 AM	1.5 46	08:53 AM	-0.2 -6	08:43 AM	0.4 12
F 12:38 PM	9.3 283	Sa 01:14 PM	7.8 238	M 02:16 PM	8.3 253	Tu 02:16 PM	6.7 204	Tu 03:10 PM	7.7 235	W 03:08 PM	6.4 195
07:35 PM	-1.3 -40	07:51 PM	0.1 3	08:26 PM	-0.3 -9	08:05 PM	1.2 37	08:56 PM	0.5 15	W 08:33 PM	2.0 61
13 02:22 AM	7.4 226	28 02:33 AM	7.2 219	13 03:01 AM	8.4 256	28 02:32 AM	7.6 232	13 03:19 AM	8.7 265	28 02:43 AM	7.8 238
07:32 AM	3.1 94	07:57 AM	2.9 88	09:00 AM	0.9 27	08:41 AM	1.3 40	09:41 AM	-0.3 -9	09:15 AM	0.3 9
Sa 01:28 PM	9.1 277	Su 01:51 PM	7.4 226	Tu 03:10 PM	7.5 229	W 02:56 PM	6.3 192	W 04:04 PM	7.1 216	Th 03:49 PM	6.1 186
08:15 PM	-1.1 -34	08:17 PM	0.4 12	09:04 PM	0.5 15	08:30 PM	1.7 52	09:34 PM	1.3 40	09:00 PM	2.5 76
14 03:01 AM	7.6 232	29 03:01 AM	7.2 219	14 03:39 AM	8.5 259	29 02:54 AM	7.7 235	14 03:56 AM	8.6 262	29 03:09 AM	8.0 244
08:23 AM	2.6 79	08:34 AM	2.7 82	09:53 AM	0.8 24	09:15 AM	1.3 40	10:31 AM	-0.2 -6	09:48 AM	0.3 9
Su 02:20 PM	8.6 262	M 02:29 PM	7.0 213	W 04:08 PM	6.7 204	Th 03:40 PM	5.8 177	Th 05:01 PM	6.4 195	F 04:34 PM	5.7 174
08:55 PM	-0.7 -21	08:42 PM	0.8 24	09:43 PM	1.4 43	08:57 PM	2.3 70	10:14 PM	2.2 67	F 09:31 PM	3.0 91
15 03:41 AM	7.8 238	30 03:26 AM	7.3 223	15 04:19 AM	8.4 256	30 03:46 AM	8.3 253	15 04:36 AM	8.3 253	30 03:40 AM	8.0 244
09:16 AM	2.3 70	09:11 AM	2.5 76	10:52 AM	0.9 27	11:26 AM	0.2 6	11:26 AM	0.2 6	10:28 AM	0.5 15
M 03:16 PM	7.9 241	Tu 03:09 PM	6.5 198	Th 05:14 PM	5.9 180	F 06:05 PM	5.8 177	F 06:05 PM	5.8 177	Sa 05:28 PM	5.4 165
09:34 PM	-0.1 -3	09:07 PM	1.3 40	10:27 PM	2.4 73	11:00 PM	3.1 94	11:00 PM	3.1 94	10:08 PM	3.5 107
		31 03:51 AM	7.4 226							31 04:19 AM	7.8 238
		09:52 AM	2.4 73							11:20 AM	0.7 21
		W 03:56 PM	5.9 180							Su 06:36 PM	5.1 155
		09:35 PM	1.9 58							10:57 PM	4.0 122

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)



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

NOAA Tide Predictions

NORTH JETTY, WA, 2024
 (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
1 03:31 AM	0.2 6	16 03:26 AM	0.9 27	1 05:18 AM	-0.7 -21	16 04:49 AM	-0.2 -6	1 06:27 AM	-0.7 -21	16 05:51 AM	-1.0 -30
09:55 AM	5.2 158	10:10 AM	4.5 137	11:59 AM	5.7 174	11:46 AM	5.3 162	12:59 PM	6.4 195	12:28 PM	6.6 201
M 02:58 PM	2.4 73	Tu 02:40 PM	3.5 107	Th 04:49 PM	3.2 98	F 04:26 PM	3.5 107	Su 06:23 PM	1.9 58	M 06:00 PM	1.1 34
09:32 PM	8.0 244	09:02 PM	7.0 213	11:02 PM	7.6 232	10:28 PM	7.3 223				
2 04:32 AM	-0.5 -15	17 04:24 AM	0.4 12	2 06:08 AM	-1.0 -30	17 05:40 AM	-0.8 -24	2 12:31 AM	7.0 213	17 12:10 AM	7.7 235
11:05 AM	5.4 165	11:15 AM	4.9 149	12:47 PM	6.0 183	12:29 PM	5.7 174	07:01 AM	-0.6 -18	06:33 AM	-1.0 -30
Tu 03:58 PM	2.9 88	W 03:44 PM	3.7 113	F 05:45 PM	3.0 91	Sa 05:23 PM	2.9 88	M 01:32 PM	6.5 198	Tu 01:03 PM	7.2 219
10:23 PM	8.2 250	09:55 PM	7.3 223	11:54 PM	7.6 232	11:26 PM	7.7 235	07:04 PM	1.4 43	Tu 06:50 PM	0.3 9
3 05:28 AM	-0.9 -27	18 05:16 AM	-0.2 -6	3 06:53 AM	-1.1 -34	18 06:25 AM	-1.3 -40	3 01:12 AM	6.9 210	18 01:03 AM	7.8 238
12:07 PM	5.8 177	12:10 PM	5.3 162	01:30 PM	6.2 189	01:08 PM	6.1 186	07:32 AM	-0.4 -12	07:12 AM	-0.8 -24
W 04:57 PM	3.1 94	Th 04:43 PM	3.7 113	Sa 06:36 PM	2.7 82	Su 06:16 PM	2.3 70	Tu 02:01 PM	6.6 201	W 01:38 PM	7.7 235
11:13 PM	8.3 253	10:47 PM	7.6 232					● 07:42 PM	1.1 34	○ 07:38 PM	-0.5 -15
4 06:20 AM	-1.2 -37	19 06:05 AM	-0.7 -21	4 12:40 AM	7.5 229	19 12:20 AM	8.0 244	4 01:51 AM	6.7 204	19 01:54 AM	7.6 232
11:01 PM	6.1 186	12:58 PM	5.7 174	07:32 AM	-1.0 -30	07:07 AM	-1.6 -49	08:00 AM	-0.1 -3	07:51 AM	-0.4 -12
Th 05:52 PM	3.2 98	F 05:39 PM	3.5 107	Su 02:09 PM	6.3 192	M 01:45 PM	6.5 198	W 02:27 PM	6.7 204	Th 02:13 PM	8.1 247
		11:38 PM	7.9 241	● 07:21 PM	2.4 73	○ 07:06 PM	1.6 49	08:18 PM	0.8 24	08:25 PM	-0.9 -27
5 12:01 AM	8.2 250	20 06:50 AM	-1.2 -37	5 01:23 AM	7.4 226	20 01:11 AM	8.1 247	5 02:29 AM	6.4 195	20 02:46 AM	7.2 219
07:08 AM	-1.3 -40	01:41 PM	6.0 183	08:07 AM	-0.9 -27	07:46 AM	-1.6 -49	08:26 AM	0.4 12	08:29 AM	0.2 6
F 01:50 PM	6.3 192	Sa 06:31 PM	3.2 98	M 02:43 PM	6.4 195	Tu 02:21 PM	6.9 210	Th 02:50 PM	6.8 207	F 02:48 PM	8.3 253
● 06:45 PM	3.2 98			08:04 PM	2.1 64	07:55 PM	0.9 27	08:52 PM	0.6 18	09:14 PM	-1.1 -34
6 12:48 AM	8.1 247	21 12:29 AM	8.2 250	6 02:04 AM	7.1 216	21 02:02 AM	7.9 241	6 03:07 AM	6.0 183	21 03:40 AM	6.7 204
07:52 AM	-1.2 -37	07:33 AM	-1.5 -46	08:37 AM	-0.6 -18	08:24 AM	-1.4 -43	08:50 AM	0.9 27	09:08 AM	1.0 30
Sa 02:35 PM	6.4 195	Su 02:21 PM	6.2 189	Tu 03:15 PM	6.4 195	W 02:56 PM	7.3 223	F 03:11 PM	6.9 210	Sa 03:26 PM	8.3 253
07:35 PM	3.1 94	○ 07:21 PM	2.8 85	08:43 PM	1.8 55	W 08:43 PM	0.3 9	09:25 PM	0.5 15	10:03 PM	-1.0 -30
7 01:33 AM	7.8 238	22 01:18 AM	8.3 253	7 02:43 AM	6.7 204	22 02:53 AM	7.5 229	7 03:46 AM	5.6 171	22 04:37 AM	6.1 186
08:33 AM	-1.1 -34	08:14 AM	-1.7 -52	09:05 AM	-0.3 -9	09:01 AM	-0.9 -27	09:15 AM	1.4 43	09:50 AM	1.8 55
Su 03:17 PM	6.4 195	M 03:00 PM	6.5 198	W 03:43 PM	6.4 195	Th 03:31 PM	7.6 232	Sa 03:33 PM	6.9 210	Su 04:07 PM	8.0 244
08:21 PM	3.0 91	08:10 PM	2.3 70	09:21 PM	1.6 49	Th 09:33 PM	-0.1 -3	09:58 PM	0.5 15	10:58 PM	-0.6 -18
8 02:16 AM	7.5 229	23 02:08 AM	8.2 250	8 03:22 AM	6.3 192	23 03:46 AM	6.9 210	8 04:30 AM	5.2 158	23 05:41 AM	5.6 171
09:09 AM	-0.8 -24	08:53 AM	-1.7 -52	09:31 AM	0.2 6	09:38 AM	-0.2 -6	09:43 AM	2.0 61	10:38 AM	2.6 79
M 03:56 PM	6.4 195	Tu 03:37 PM	6.7 204	Th 04:09 PM	6.5 198	F 04:08 PM	7.8 238	Su 03:59 PM	7.0 213	M 04:54 PM	7.5 229
09:05 PM	2.8 85	08:59 PM	1.8 55	09:58 PM	1.5 46	10:24 PM	-0.2 -6	10:36 PM	0.6 18		
9 02:58 AM	7.1 216	24 02:58 AM	7.9 241	9 04:03 AM	5.8 177	24 04:43 AM	6.2 189	9 05:23 AM	4.8 146	24 12:01 AM	-0.1 -3
09:42 AM	-0.5 -15	09:31 AM	-1.4 -43	09:56 AM	0.7 21	10:18 AM	0.7 21	10:15 AM	2.7 82	06:52 AM	5.2 158
Tu 04:31 PM	6.3 192	W 04:14 PM	7.0 213	F 04:33 PM	6.6 201	Sa 04:48 PM	7.8 238	M 04:32 PM	6.9 210	Tu 11:38 AM	3.3 101
09:48 PM	2.6 79	09:50 PM	1.4 43	10:37 PM	1.4 43	11:21 PM	-0.1 -3	11:25 PM	0.8 24	● 05:51 PM	6.9 210
10 03:41 AM	6.6 201	25 03:51 AM	7.3 223	10 04:49 AM	5.2 158	25 05:47 AM	5.5 168	10 06:31 AM	4.4 134	25 01:15 AM	0.3 9
10:13 AM	-0.1 -3	10:09 AM	-0.8 -24	10:24 AM	1.3 40	11:02 AM	1.7 52	10:58 AM	3.3 101	08:10 AM	5.1 155
W 05:05 PM	6.3 192	Th 04:52 PM	7.2 219	Sa 05:00 PM	6.6 201	Su 05:33 PM	7.6 232	Tu 05:16 PM	6.7 204	W 12:57 PM	3.7 113
10:33 PM	2.5 76	10:44 PM	1.0 30	11:22 PM	1.3 40					W 07:05 PM	6.4 195
11 04:26 AM	6.0 183	26 04:49 AM	6.5 198	11 05:44 AM	4.7 143	26 12:26 AM	0.1 3	11 12:33 AM	1.0 30	26 02:32 AM	0.5 15
10:43 AM	0.4 12	10:49 AM	-0.1 -3	10:56 AM	2.0 61	07:01 AM	5.0 152	07:55 AM	4.3 131	09:23 AM	5.4 165
Th 05:38 PM	6.3 192	F 05:32 PM	7.4 226	Su 05:32 PM	6.7 204	M 11:56 AM	2.6 79	W 12:03 PM	3.8 116	Th 02:22 PM	3.6 110
11:21 PM	2.3 70	11:43 PM	0.8 24			● 06:26 PM	7.3 223	● 06:16 PM	6.5 198	08:28 PM	6.1 186
12 05:16 AM	5.3 162	27 05:54 AM	5.8 177	12 12:17 AM	1.3 40	27 01:40 AM	0.2 6	12 02:00 AM	0.9 27	27 03:38 AM	0.3 9
11:15 AM	1.0 30	11:33 AM	0.8 24	06:55 AM	4.2 128	08:22 AM	4.8 146	09:18 AM	4.5 137	10:22 AM	5.8 177
F 06:11 PM	6.4 195	Sa 06:16 PM	7.5 229	M 11:39 AM	2.8 85	Tu 01:07 PM	3.2 98	Th 01:37 PM	4.0 122	F 03:35 PM	3.1 94
				● 06:13 PM	6.6 201	● 06:13 PM	6.6 201	07:36 PM	6.4 195	09:43 PM	6.2 189
13 12:15 AM	2.1 64	28 12:50 AM	0.6 18	13 01:27 AM	1.2 37	28 02:57 AM	0.1 3	13 03:17 AM	0.4 12	28 04:31 AM	0.2 6
06:17 AM	4.7 143	07:08 AM	5.1 155	08:21 AM	4.1 125	09:42 AM	5.0 152	10:23 AM	4.9 149	11:09 AM	6.2 189
Sa 11:52 AM	1.7 52	Su 12:24 PM	1.8 55	Tu 12:39 PM	3.4 104	W 02:28 PM	3.5 107	F 03:04 PM	3.7 113	Sa 04:34 PM	2.4 73
● 06:46 PM	6.5 198	● 07:06 PM	7.6 232	07:06 PM	6.6 201	08:44 PM	6.8 207	09:00 PM	6.6 201	10:44 PM	6.4 195
14 01:17 AM	1.9 58	29 02:03 AM	0.3 9	14 02:43 AM	0.9 27	29 04:05 AM	-0.1 -3	14 04:17 AM	-0.1 -3	29 05:14 AM	0.1 3
07:31 AM	4.3 131	08:29 AM	4.8 146	09:45 AM	4.3 131	10:48 AM	5.4 165	11:11 AM	5.5 168	11:47 AM	6.5 198
Su 12:38 PM	2.4 73	M 01:26 PM	2.6 79	W 01:59 PM	3.8 116	Th 03:42 PM	3.3 101	Sa 04:11 PM	3.0 91	Su 05:22 PM	1.7 52
07:26 PM	6.6 201	08:02 PM	7.5 229	08:12 PM	6.7 204	09:55 PM	6.8 207	10:13 PM	7.0 213	11:34 PM	6.5 198
15 02:23 AM	1.5 46	30 03:15 AM	0.0 0	15 03:51 AM	0.4 12	30 05:01 AM	-0.4 -12	15 05:07 AM	-0.7 -21	30 05:50 AM	0.1 3
08:52 AM	4.2 128	09:50 AM	4.9 149	10:53 AM	4.8 146	11:40 AM	5.8 177	11:51 AM	6.1 186	12:20 PM	6.8 207
M 01:35 PM	3.0 91	Tu 02:36 PM	3.1 94	Th 03:19 PM	3.8 116	F 04:45 PM	2.9 88	Su 05:08 PM	2.1 64	M 06:05 PM	1.1 34
08:12 PM	6.8 207	09:03 PM	7.5 229	09:22 PM	6.9 210	10:56 PM	6.9 210	11:15 PM	7.4 226		
		31 04:21 AM	-0.4 -12			31 05:48 AM	-0.6 -18				
		11:01 AM	5.3 162			12:23 PM	6.2 189				
		W 03:46 PM	3.3 101			Sa 05:37 PM	2.3 70				
		10:05 PM	7.5 229			11:47 PM	7.0 213				

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, 2024
 (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						
1 12:18 AM 06:22 AM Tu 12:49 PM 06:43 PM	6.6 0.3 7.0 0.6	201 9 213 18	16 12:00 AM 05:55 AM W 12:20 PM 06:33 PM	7.3 0.1 8.1 -0.7	223 23 247 -21	1 01:27 AM 06:43 AM F 12:52 PM 07:31 PM	6.3 2.4 7.8 -0.3	192 73 238 -9	16 12:43 AM 05:51 AM Sa 12:01 PM 06:55 PM	7.1 2.6 9.4 -1.6	216 79 287 -49	1 01:01 AM 05:52 AM Su 11:46 AM 06:49 PM	6.5 3.9 8.4 -0.4	198 119 256 -12	16 01:29 AM 06:26 AM M 12:26 PM 07:30 PM	7.2 3.7 9.2 -1.1	219 113 280 -34
2 12:59 AM 06:52 AM W 01:15 PM 07:19 PM	6.5 0.6 7.1 0.3	198 18 216 9	17 12:54 AM 06:36 AM Th 12:56 PM 07:21 PM	7.4 0.5 8.6 -1.3	226 15 262 -40	2 02:08 AM 07:16 AM Sa 01:17 PM 08:04 PM	6.3 2.8 7.9 -0.4	192 85 241 -12	17 01:35 AM 06:39 AM Su 12:43 PM 07:42 PM	7.1 3.0 9.2 -1.4	216 91 280 -43	2 01:44 AM 06:32 AM M 12:20 PM 07:26 PM	6.6 4.1 8.5 -0.5	201 125 259 -15	17 02:17 AM 07:16 AM Tu 01:12 PM 08:13 PM	7.2 3.7 8.8 -0.7	219 113 268 -21
3 01:38 AM 07:20 AM Th 01:38 PM 07:53 PM	6.4 1.0 7.2 0.0	195 30 219 0	18 01:47 AM 07:18 AM F 01:33 PM 08:08 PM	7.3 1.1 8.8 -1.6	223 34 268 -49	3 01:50 AM 06:48 AM Su 12:43 PM 07:38 PM	6.2 3.2 8.0 -0.3	189 98 244 -9	18 02:28 AM 07:27 AM M 01:26 PM 08:29 PM	7.0 3.3 8.8 -1.0	213 101 268 -30	3 02:26 AM 07:12 AM Tu 12:57 PM 08:04 PM	6.6 4.1 8.5 -0.4	201 125 259 -12	18 03:03 AM 08:05 AM W 01:58 PM 08:54 PM	7.1 3.7 8.3 -0.3	216 113 253 -9
4 02:17 AM 08:45 AM F 02:00 PM 08:25 PM	6.2 1.5 7.3 -0.1	189 46 223 -3	19 02:40 AM 08:00 AM Sa 02:11 PM 08:56 PM	7.1 1.7 8.9 -1.5	216 52 271 -46	4 02:32 AM 07:22 AM M 01:13 PM 08:13 PM	6.1 3.5 8.0 -0.2	186 107 244 -6	19 03:21 AM 08:17 AM Tu 02:12 PM 09:17 PM	6.8 3.6 8.3 -0.4	207 110 253 -12	4 03:08 AM 07:54 AM W 01:39 PM 08:43 PM	6.5 4.1 8.3 -0.3	198 125 253 -9	19 03:47 AM 09:45 AM Th 02:45 PM 09:33 PM	7.1 3.7 7.6 0.3	216 113 232 9
5 02:56 AM 09:15 AM Sa 02:21 PM 08:57 PM	6.0 2.0 7.4 -0.1	183 61 226 -3	20 03:34 AM 08:44 AM Su 02:51 PM 09:45 PM	6.7 2.3 8.6 -1.2	204 70 262 -37	5 03:17 AM 09:59 AM Tu 01:49 PM 08:52 PM	5.9 3.8 7.9 -0.1	180 116 241 -3	20 04:14 AM 09:10 AM W 03:02 PM 10:07 PM	6.6 3.8 7.6 0.2	201 116 232 6	5 03:51 AM 08:41 AM Th 02:26 PM 09:26 PM	6.5 4.1 8.0 -0.1	198 125 244 -3	20 04:30 AM 09:40 AM F 03:35 PM 10:12 PM	7.0 3.6 6.9 0.9	213 110 210 27
6 03:37 AM 09:43 AM Su 02:45 PM 09:29 PM	5.8 2.5 7.5 0.0	177 76 229 0	21 04:31 AM 09:30 AM M 03:34 PM 10:37 PM	6.4 2.9 8.1 -0.6	195 88 247 -18	6 04:06 AM 08:41 AM W 02:31 PM 09:38 PM	5.7 4.0 7.7 0.2	174 122 235 6	21 05:09 AM 10:10 AM Th 03:58 PM 10:59 PM	6.4 3.9 6.8 0.8	195 119 207 24	6 04:36 AM 09:35 AM F 03:21 PM 10:12 PM	6.5 3.9 7.5 0.2	198 119 229 6	21 05:12 AM 10:42 AM Sa 04:31 PM 10:52 PM	6.9 3.5 6.2 1.5	210 107 189 46
7 04:21 AM 10:14 AM M 03:15 PM 10:06 PM	5.5 3.0 7.5 0.2	168 91 229 6	22 05:31 AM 10:22 AM Tu 04:23 PM 11:35 PM	6.0 3.4 7.5 0.0	183 104 229 0	7 05:01 AM 10:35 AM Th 03:24 PM 10:35 PM	5.6 4.2 7.3 0.4	171 128 223 12	22 06:04 AM 11:18 AM F 05:06 PM 11:54 PM	6.4 3.9 6.1 1.3	195 119 186 40	7 05:22 AM 10:40 AM Sa 04:26 PM 11:04 PM	6.6 3.6 6.9 0.7	201 110 210 21	22 05:54 AM 11:46 AM Su 05:38 PM 11:35 PM	6.9 3.3 5.5 2.1	210 101 168 64
8 05:13 AM 10:50 AM Tu 03:52 PM 10:53 PM	5.1 3.4 7.3 0.5	155 104 223 15	23 06:36 AM 11:26 AM W 05:23 PM	5.8 3.8 6.8	177 116 207	8 06:01 AM 10:47 AM F 04:32 PM 11:41 PM	5.6 4.1 6.8 0.7	171 125 207 21	23 06:57 AM 12:32 PM Sa 06:23 PM	6.5 3.5 5.6	198 107 171	8 06:11 AM 11:55 AM Su 05:44 PM	6.9 3.1 6.3	210 94 192	23 06:37 AM 12:53 PM M 06:55 PM	7.0 2.8 5.1	213 85 155
9 06:17 AM 10:38 AM W 04:41 PM 11:58 PM	4.9 3.0 7.0 0.7	149 119 213 21	24 12:41 AM 07:44 AM Th 12:44 PM 06:38 AM	0.6 5.7 3.9 6.1	18 174 119 186	9 06:59 AM 12:13 PM Sa 05:57 PM	5.9 3.8 6.3	180 116 192	24 12:49 AM 07:46 AM Su 01:42 PM 07:41 PM	1.7 6.7 2.9 5.4	52 204 88 165	9 12:00 AM 07:00 AM M 01:10 PM 07:10 PM	1.2 7.4 2.3 5.9	37 226 70 180	24 12:25 AM 07:19 AM Tu 01:58 PM 08:14 PM	2.8 7.2 2.3 5.0	85 219 70 152
10 07:31 AM 11:49 AM Th 05:46 PM	4.8 4.1 6.6	146 125 201	25 01:51 AM 08:47 AM F 02:05 PM 08:02 PM	0.9 5.9 3.6 5.8	27 180 110 177	10 12:48 AM 07:52 AM Su 01:32 PM 07:25 PM	0.8 6.4 2.9 6.2	24 195 88 189	25 01:41 AM 08:29 AM M 02:41 PM 08:51 PM	2.0 7.0 2.1 5.4	61 213 64 165	10 12:59 AM 07:48 AM Tu 02:18 PM 08:31 PM	1.7 7.9 1.4 5.9	52 241 43 180	25 01:19 AM 08:01 AM W 02:55 PM 09:26 PM	3.3 7.4 1.6 5.3	101 226 49 162
11 01:20 AM 08:43 AM F 01:25 PM 07:13 PM	0.8 5.0 4.0 6.3	24 152 122 192	26 02:53 AM 09:41 AM Sa 03:16 PM 09:18 PM	1.0 6.3 2.9 5.7	30 192 88 174	11 01:49 AM 08:39 AM M 02:38 PM 08:44 PM	0.9 7.0 1.8 6.3	27 213 55 192	26 02:28 AM 09:07 AM Tu 03:31 PM 09:52 PM	2.3 7.3 1.4 5.6	70 223 43 171	11 01:57 AM 08:36 AM W 03:19 PM 09:44 PM	2.2 8.5 0.4 6.2	67 259 12 189	26 02:14 AM 08:43 AM Th 03:46 PM 10:28 PM	3.8 7.7 1.0 5.7	116 235 30 174
12 02:35 AM 09:41 AM Sa 02:49 PM 08:43 PM	0.5 5.5 3.4 6.4	15 168 104 195	27 03:44 AM 10:25 AM Su 04:13 PM 10:22 PM	1.0 6.6 2.1 5.9	30 201 64 180	12 02:42 AM 09:21 AM Tu 03:35 PM 09:52 PM	1.0 7.8 0.7 6.6	30 238 21 201	27 03:11 AM 09:42 AM W 04:15 PM 10:45 PM	2.6 7.7 0.7 5.9	79 235 21 180	12 02:54 AM 09:23 AM Th 04:15 PM 10:48 PM	2.7 9.0 -0.4 6.5	82 274 -12 198	27 03:08 AM 09:24 AM F 04:32 PM 11:20 PM	4.1 7.9 0.5 6.1	125 241 15 186
13 03:36 AM 10:28 AM Su 03:56 PM 09:59 PM	0.2 6.1 2.4 6.7	6 186 73 204	28 04:27 AM 11:02 AM M 05:00 PM 11:15 PM	1.1 7.0 1.4 6.1	34 213 43 186	13 03:31 AM 10:01 AM W 04:28 PM 10:52 PM	1.3 8.4 -0.3 6.9	40 256 -9 210	28 03:52 AM 10:13 AM Th 04:56 PM 11:33 PM	3.0 7.9 0.2 6.2	91 241 6 189	13 03:48 AM 10:09 AM F 05:07 PM 11:45 PM	3.1 9.3 -1.0 6.8	94 283 -30 207	28 03:59 AM 10:05 AM Sa 05:15 PM	4.3 8.2 0.1	131 250 3
14 04:27 AM 11:08 AM M 04:52 PM 11:03 PM	0.0 6.8 1.3 7.0	0 207 40 213	29 05:04 AM 11:34 AM Tu 05:42 PM	1.3 7.3 0.7	40 223 21	14 04:18 AM 10:41 AM Th 05:18 PM 11:49 PM	1.7 8.9 -1.1 7.0	52 271 -34 213	29 04:32 AM 10:44 AM F 05:35 PM	3.3 8.1 -0.1	101 247 -3	14 04:42 AM 10:55 AM Sa 05:57 PM	3.4 9.4 -1.2	104 287 -37	29 12:07 AM 04:48 AM Su 10:46 AM 05:56 PM	6.4 4.3 8.4 -0.2	195 131 256 -6
15 05:12 AM 11:44 AM Tu 05:44 PM	-0.1 7.5 0.2	-3 229 6	30 12:02 AM 05:38 AM W 12:02 PM 06:20 PM	6.2 1.6 7.5 0.2	189 49 229 6	15 05:05 AM 11:21 AM F 06:07 PM	2.1 9.3 -1.5	64 283 -46	30 12:18 AM 05:12 AM Sa 11:14 AM 06:12 PM	6.4 3.6 8.3 -0.3	195 110 253 -9	15 12:38 AM 05:34 AM Su 11:41 AM 06:45 PM	7.1 3.6 9.4 -1.3	216 110 287 -40	30 12:50 AM 05:35 AM M 11:27 AM 06:36 PM	6.7 4.3 8.6 -0.5	204 131 262 -15
31 12:45 AM 06:11 AM Th 12:28 PM 06:56 PM	6.3 1.9 7.7 -0.1	192 58 235 -3										31 01:30 AM 06:20 AM Tu 12:09 PM 07:13 PM	6.8 4.2 8.7 -0.7	207 128 265 -21			

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