US HARBORS www.USHarbors.com

Astoria, OR - Dec 2016

Date		High				Low						
		AM	ft	PM	ft	AM	ft	PM	ft	Rise	Set	Moon
1	Thu	2:43	7.8	1:41	9.1	8:07	3.2	8:46	-0.2	7:38	4:30	
2	Fri	3:21	7.8	2:15	9.0	8:44	3.3	9:18	-0.1	7:39	4:30	
3	Sat	4:00	7.7	2:52	8.8	9:23	3.4	9:53	0.0	7:40	4:30	
4	Sun	4:40	7.7	3:36	8.5	10:07	3.4	10:31	0.3	7:41	4:29	
5	Mon	5:23	7.7	4:28	8.0	10:58	3.4	11:16	0.6	7:42	4:29	
6	Tue	6:10	7.8	5:33	7.5			12:02	3.2	7:43	4:29	
7	Wed	7:02	8.0	6:52	7.1	12:10	1.1	1:15	2.8	7:44	4:29	
8	Thu	7:55	8.4	8:16	7.0	1:13	1.5	2:28	2.2	7:45	4:29	
9	Fri	8:48	8.9	9:33	7.2	2:18	1.8	3:34	1.3	7:46	4:29	
10	Sat	9:39	9.5	10:41	7.6	3:20	2.0	4:33	0.4	7:47	4:29	
11	Sun	10:29	10.0	11:41	8.0	4:18	2.2	5:28	-0.4	7:48	4:29	
12	Mon	11:17	10.4			5:13	2.3	6:20	-1.0	7:49	4:29	
13	Tue	12:36	8.4	12:04	10.6	6:07	2.4	7:09	-1.4	7:49	4:29	
14	Wed	1:29	8.6	12:52	10.6	7:00	2.5	7:58	-1.5	7:50	4:29	
15	Thu	2:20	8.7	1:40	10.3	7:52	2.5	8:44	-1.4	7:51	4:29	
16	Fri	3:09	8.8	2:28	9.9	8:44	2.6	9:29	-1.0	7:52	4:29	
17	Sat	3:58	8.8	3:18	9.3	9:35	2.7	10:13	-0.5	7:52	4:30	
18	Sun	4:46	8.7	4:10	8.6	10:29	2.8	10:58	0.2	7:53	4:30	
19	Mon	5:34	8.5	5:08	7.8	11:26	2.8	11:45	0.9	7:54	4:31	
20	Tue	6:24	8.4	6:13	7.1			12:30	2.8	7:54	4:31	
21	Wed	7:14	8.4	7:25	6.6	12:35	1.6	1:38	2.6	7:55	4:32	
22	Thu	8:05	8.5	8:40	6.5	1:30	2.2	2:45	2.2	7:55	4:32	
23	Fri	8:54	8.6	9:49	6.7	2:27	2.6	3:45	1.6	7:55	4:33	
24	Sat	9:39	8.8	10:49	7.0	3:22	2.9	4:37	1.1	7:56	4:33	
25	Sun	10:22	9.0	11:40	7.3	4:13	3.1	5:23	0.6	7:56	4:34	
26	Mon	11:01	9.1			5:00	3.2	6:04	0.2	7:56	4:35	
27	Tue	12:26	7.6	11:38 AM	9.3	5:46	3.3	6:43	0.0	7:57	4:35	
28	Wed	1:08	7.9	12:14	9.3	6:29	3.3	7:20	-0.2	7:57	4:36	
29	Thu	1:47	8.0	12:49	9.4	7:11	3.3	7:55	-0.3	7:57	4:37	
30	Fri	2:25	8.1	1:25	9.4	7:51	3.3	8:28	-0.4	7:57	4:38	
31	Sat	3:00	8.2	2:03	9.3	8:30	3.2	9:02	-0.3	7:57	4:39	