US HARBORS www.USHarbors.com

Astoria, OR - Jul 2047

Date		High				Low						
		AM	ft	PM	ft	AM	ft	PM	ft	Rise	Set	Moon
1	Mon	8:17	6.1	8:25	8.7	2:20	1.1	1:55	1.7	5:27	9:10	
2	Tue	9:41	6.0	9:21	9.0	3:32	0.5	3:00	2.3	5:28	9:10	
3	Wed	10:59	6.1	10:19	9.2	4:41	-0.2	4:08	2.7	5:28	9:10	
4	Thu			12:08	6.5	5:44	-0.8	5:14	2.9	5:29	9:09	
5	Fri			1:06	7.0	6:41	-1.2	6:16	2.8	5:30	9:09	
6	Sat	12:13	9.5	1:59	7.3	7:34	-1.6	7:15	2.7	5:31	9:08	
7	Sun	1:06	9.5	2:47	7.6	8:22	-1.7	8:10	2.4	5:31	9:08	
8	Mon	1:57	9.3	3:31	7.8	9:07	-1.6	9:02	2.2	5:32	9:08	
9	Tue	2:46	9.0	4:13	7.8	9:47	-1.4	9:51	2.0	5:33	9:07	
10	Wed	3:34	8.5	4:52	7.9	10:25	-1.0	10:39	1.8	5:34	9:06	
11	Thu	4:21	7.9	5:29	7.9	10:59	-0.4	11:26	1.7	5:35	9:06	
12	Fri	5:09	7.2	6:04	7.8	11:32	0.2			5:35	9:05	
13	Sat	6:02	6.6	6:40	7.8	12:15	1.6	12:06	0.9	5:36	9:05	
14	Sun	7:01	5.9	7:19	7.7	1:09	1.5	12:44	1.7	5:37	9:04	
15	Mon	8:10	5.5	8:01	7.7	2:10	1.4	1:30	2.4	5:38	9:03	
16	Tue	9:26	5.4	8:50	7.7	3:15	1.2	2:27	3.0	5:39	9:02	
17	Wed	10:40	5.5	9:42	7.8	4:19	0.8	3:32	3.3	5:40	9:01	
18	Thu	11:43	5.9	10:36	8.0	5:16	0.4	4:36	3.5	5:41	9:01	
19	Fri			12:36	6.3	6:06	-0.1	5:33	3.4	5:42	9:00	
20	Sat			1:21	6.7	6:52	-0.5	6:26	3.2	5:43	8:59	
21	Sun	12:13	8.4	2:01	6.9	7:33	-0.8	7:14	2.9	5:44	8:58	
22	Mon	12:58	8.6	2:38	7.2	8:11	-1.1	8:00	2.5	5:45	8:57	
23	Tue	1:42	8.7	3:12	7.4	8:47	-1.3	8:44	2.1	5:47	8:56	
24	Wed	2:25	8.7	3:45	7.7	9:22	-1.3	9:28	1.7	5:48	8:55	
25	Thu	3:10	8.5	4:17	7.9	9:55	-1.1	10:12	1.2	5:49	8:54	
26	Fri	3:57	8.1	4:50	8.2	10:29	-0.7	10:58	0.9	5:50	8:52	
27	Sat	4:48	7.6	5:26	8.5	11:04	-0.2	11:49	0.7	5:51	8:51	
28	Sun	5:45	6.9	6:06	8.6	11:43	0.6			5:52	8:50	
29	Mon	6:52	6.3	6:53	8.7	12:49	0.5	12:29	1.4	5:53	8:49	
30	Tue	8:11	5.8	7:49	8.7	1:58	0.4	1:26	2.2	5:55	8:48	
31	Wed	9:35	5.7	8:53	8.6	3:15	0.2	2:39	2.8	5:56	8:46	