US HARBORS www.USHarbors.com

Astoria, OR - Dec 2049

Date		High				Low						
		AM	ft	PM	ft	AM	ft	PM	ft	Rise	Set	Moon
1	Wed	6:15	8.4	5:57	7.6			12:17	2.5	7:37	4:30	
2	Thu	7:09	8.6	7:17	7.1	12:30	0.8	1:31	2.1	7:39	4:30	
3	Fri	8:04	8.9	8:37	6.9	1:30	1.4	2:43	1.4	7:40	4:30	
4	Sat	8:57	9.2	9:51	7.1	2:31	1.9	3:48	0.7	7:41	4:29	
5	Sun	9:46	9.5	10:55	7.4	3:29	2.3	4:45	0.0	7:42	4:29	
6	Mon	10:33	9.7	11:50	7.7	4:24	2.6	5:36	-0.5	7:43	4:29	
7	Tue	11:16	9.8			5:15	2.9	6:22	-0.7	7:44	4:29	
8	Wed	12:40	7.9	11:57 AM	9.8	6:03	3.1	7:05	-0.8	7:45	4:29	
9	Thu	1:26	8.1	12:37	9.6	6:48	3.2	7:46	-0.7	7:46	4:29	
10	Fri	2:09	8.1	1:14	9.4	7:32	3.3	8:23	-0.5	7:47	4:29	
11	Sat	2:50	8.1	1:51	9.1	8:14	3.3	8:57	-0.3	7:48	4:29	
12	Sun	3:29	8.1	2:28	8.8	8:55	3.3	9:30	0.0	7:49	4:29	
13	Mon	4:06	8.0	3:07	8.3	9:35	3.3	10:01	0.4	7:49	4:29	
14	Tue	4:42	7.9	3:48	7.8	10:18	3.2	10:33	0.8	7:50	4:29	
15	Wed	5:18	7.9	4:36	7.2	11:07	3.2	11:07	1.3	7:51	4:29	
16	Thu	5:56	7.9	5:36	6.7			12:03	3.1	7:52	4:29	
17	Fri	6:37	8.1	6:51	6.2			1:08	2.8	7:52	4:30	
18	Sat	7:22	8.3	8:13	6.1	12:40	2.4	2:16	2.3	7:53	4:30	
19	Sun	8:10	8.5	9:31	6.3	1:40	2.9	3:20	1.7	7:53	4:31	
20	Mon	9:00	8.9	10:38	6.7	2:44	3.3	4:17	1.0	7:54	4:31	
21	Tue	9:49	9.3	11:35	7.2	3:45	3.5	5:08	0.2	7:54	4:31	
22	Wed	10:38	9.7			4:42	3.6	5:57	-0.4	7:55	4:32	
23	Thu	12:25	7.6	11:26 AM	10.1	5:36	3.5	6:44	-0.9	7:55	4:33	
24	Fri	1:12	8.0	12:15	10.3	6:29	3.3	7:29	-1.2	7:56	4:33	
25	Sat	1:57	8.3	1:04	10.4	7:21	3.0	8:13	-1.3	7:56	4:34	
26	Sun	2:41	8.6	1:54	10.2	8:13	2.7	8:56	-1.2	7:56	4:35	
27	Mon	3:24	8.8	2:46	9.8	9:04	2.4	9:38	-0.9	7:57	4:35	
28	Tue	4:08	9.0	3:41	9.2	9:58	2.2	10:21	-0.3	7:57	4:36	
29	Wed	4:52	9.1	4:40	8.4	10:55	2.0	11:05	0.4	7:57	4:37	
30	Thu	5:39	9.2	5:46	7.6	11:59	1.8	11:54	1.3	7:57	4:38	
31	Fri	6:29	9.2	6:59	7.1			1:08	1.6	7:57	4:39	