US HARBORS www.USHarbors.com

Astoria, OR - Jan 2051

Date		High				Low						
		AM	ft	PM	ft	AM	ft	PM	ft	Rise	Set	Moon
1	Sun	4:11	8.5	3:35	8.1	9:58	2.8	10:12	0.7	7:57	4:39	
2	Mon	4:47	8.4	4:21	7.6	10:42	2.8	10:45	1.2	7:57	4:40	
3	Tue	5:24	8.3	5:13	6.9	11:32	2.8	11:21	1.8	7:57	4:41	
4	Wed	6:03	8.3	6:17	6.4			12:30	2.7	7:57	4:42	
5	Thu	6:46	8.3	7:32	6.1	12:05	2.4	1:36	2.5	7:57	4:43	
6	Fri	7:34	8.4	8:51	6.1	1:00	3.0	2:42	2.1	7:57	4:44	
7	Sat	8:25	8.6	10:02	6.4	2:04	3.4	3:43	1.5	7:56	4:46	
8	Sun	9:17	8.8	11:01	6.9	3:09	3.6	4:37	0.9	7:56	4:47	
9	Mon	10:07	9.1	11:51	7.4	4:08	3.6	5:25	0.3	7:56	4:48	
10	Tue	10:55	9.5			5:03	3.5	6:09	-0.2	7:55	4:49	
11	Wed	12:36	7.8	11:41 AM	9.8	5:54	3.3	6:51	-0.6	7:55	4:50	
12	Thu	1:18	8.1	12:27	10.0	6:43	3.0	7:32	-0.9	7:54	4:51	
13	Fri	1:58	8.4	1:13	10.0	7:31	2.7	8:12	-1.0	7:54	4:53	
14	Sat	2:36	8.7	2:01	9.9	8:18	2.3	8:50	-0.9	7:53	4:54	
15	Sun	3:15	9.0	2:50	9.5	9:06	2.0	9:29	-0.6	7:53	4:55	
16	Mon	3:55	9.2	3:42	9.0	9:56	1.7	10:09	0.0	7:52	4:57	
17	Tue	4:36	9.3	4:39	8.3	10:50	1.6	10:52	0.7	7:51	4:58	
18	Wed	5:21	9.3	5:44	7.5	11:51	1.5	11:41	1.5	7:51	4:59	
19	Thu	6:11	9.3	6:59	7.0			1:01	1.4	7:50	5:01	
20	Fri	7:08	9.3	8:20	6.8	12:40	2.3	2:15	1.2	7:49	5:02	
21	Sat	8:09	9.3	9:38	6.9	1:48	2.9	3:26	0.7	7:48	5:03	
22	Sun	9:12	9.3	10:45	7.3	2:59	3.2	4:29	0.3	7:47	5:05	
23	Mon	10:11	9.4	11:41	7.8	4:06	3.2	5:24	-0.1	7:47	5:06	
24	Tue	11:05	9.5			5:05	3.1	6:11	-0.4	7:46	5:08	
25	Wed	12:29	8.2	11:53 AM	9.5	5:59	2.9	6:54	-0.5	7:45	5:09	
26	Thu	1:12	8.4	12:37	9.4	6:47	2.7	7:33	-0.4	7:44	5:11	
27	Fri	1:51	8.6	1:19	9.2	7:32	2.5	8:07	-0.3	7:43	5:12	
28	Sat	2:26	8.6	1:59	8.9	8:13	2.3	8:39	0.0	7:41	5:14	
29	Sun	2:59	8.6	2:37	8.5	8:52	2.2	9:08	0.4	7:40	5:15	
30	Mon	3:30	8.6	3:16	8.1	9:30	2.1	9:36	0.8	7:39	5:17	
31	Tue	3:59	8.6	3:57	7.6	10:08	2.0	10:04	1.3	7:38	5:18	