US HARBORS www.USHarbors.com

Astoria, OR - Dec 2048

Date		High				Low						
		AM	ft	PM	ft	AM	ft	PM	ft	Rise	Set	Moon
1	Tue	9:00	8.8	10:12	6.8	2:42	2.5	4:00	0.9	7:38	4:30	
2	Wed	9:48	9.3	11:12	7.2	3:36	2.7	4:54	0.1	7:39	4:30	
3	Thu	10:36	9.8			4:30	2.9	5:48	-0.6	7:40	4:29	
4	Fri	12:12	7.6	11:24 AM	10.3	5:24	3.1	6:36	-1.2	7:41	4:29	
5	Sat	1:00	7.9	12:06	10.5	6:18	3.1	7:24	-1.5	7:42	4:29	
6	Sun	1:54	8.2	1:00	10.6	7:12	3.1	8:12	-1.6	7:43	4:29	
7	Mon	2:42	8.3	1:48	10.4	8:06	2.9	9:00	-1.4	7:44	4:29	
8	Tue	3:30	8.4	2:42	9.9	9:00	2.8	9:48	-1.1	7:45	4:29	
9	Wed	4:18	8.5	3:36	9.3	9:54	2.7	10:30	-0.5	7:46	4:29	
10	Thu	5:06	8.6	4:36	8.5	10:54	2.6	11:18	0.2	7:47	4:29	
11	Fri	6:00	8.6	5:42	7.6			12:00	2.4	7:48	4:29	
12	Sat	6:48	8.7	6:54	7.0	12:12	0.9	1:12	2.1	7:49	4:29	
13	Sun	7:42	8.8	8:12	6.6	1:06	1.7	2:24	1.7	7:50	4:29	
14	Mon	8:30	9.0	9:30	6.7	2:00	2.4	3:24	1.1	7:50	4:29	
15	Tue	9:18	9.1	10:36	7.0	3:00	2.9	4:24	0.5	7:51	4:29	
16	Wed	10:06	9.2	11:30	7.3	3:54	3.2	5:12	0.1	7:52	4:30	
17	Thu	10:48	9.3			4:48	3.5	6:00	-0.2	7:52	4:30	
18	Fri	12:18	7.6	11:30 AM	9.3	5:36	3.6	6:42	-0.3	7:53	4:30	
19	Sat	1:06	7.8	12:06	9.3	6:18	3.6	7:18	-0.4	7:54	4:31	
20	Sun	1:42	8.0	12:42	9.3	7:00	3.6	7:54	-0.3	7:54	4:31	
21	Mon	2:24	8.0	1:18	9.1	7:42	3.6	8:24	-0.3	7:55	4:32	
22	Tue	3:00	8.0	1:54	9.0	8:18	3.5	8:54	-0.1	7:55	4:32	
23	Wed	3:30	8.0	2:30	8.7	9:00	3.3	9:24	0.0	7:55	4:33	
24	Thu	4:00	8.1	3:06	8.4	9:36	3.2	9:54	0.3	7:56	4:33	
25	Fri	4:30	8.1	3:48	7.9	10:18	3.0	10:24	0.7	7:56	4:34	
26	Sat	5:06	8.3	4:42	7.3	11:06	2.8	11:00	1.3	7:56	4:35	
27	Sun	5:42	8.4	5:42	6.8			12:06	2.6	7:57	4:35	
28	Mon	6:24	8.7	7:06	6.3			1:12	2.2	7:57	4:36	
29	Tue	7:12	8.9	8:30	6.2	12:36	2.6	2:24	1.7	7:57	4:37	
30	Wed	8:06	9.3	9:54	6.5	1:42	3.2	3:30	1.0	7:57	4:38	
31	Thu	9:06	9.6	11:00	7.1	2:54	3.5	4:36	0.2	7:57	4:39	