US HARBORS www.USHarbors.com

Astoria (Youngs Bay), OR - Jul 1778

Date		High				Low						
		AM	ft	PM	ft	AM	ft	PM	ft	Rise	Set	Moon
1	Wed	6:06	6.7	7:06	7.9	12:21	2.2	12:28	0.9	4:34	8:17	
2	Thu	7:17	6.2	7:53	8.0	1:29	1.9	1:19	1.5	4:34	8:17	
3	Fri	8:30	6.0	8:38	8.1	2:34	1.4	2:12	2.1	4:35	8:16	
4	Sat	9:39	6.1	9:22	8.3	3:33	0.9	3:05	2.5	4:36	8:16	
5	Sun	10:40	6.3	10:04	8.4	4:25	0.4	3:55	2.8	4:36	8:16	
6	Mon	11:33	6.6	10:43	8.5	5:12	-0.1	4:43	3.0	4:37	8:15	
7	Tue			12:20	6.9	5:54	-0.4	5:30	3.1	4:38	8:15	
8	Wed			1:04	7.1	6:34	-0.6	6:14	3.2	4:39	8:14	
9	Thu			1:44	7.2	7:12	-0.7	6:57	3.2	4:40	8:14	
10	Fri	12:35	8.7	2:22	7.3	7:48	-0.8	7:38	3.1	4:40	8:13	
11	Sat	1:12	8.7	2:58	7.3	8:22	-0.9	8:18	2.9	4:41	8:13	
12	Sun	1:50	8.6	3:32	7.3	8:55	-0.8	8:58	2.7	4:42	8:12	
13	Mon	2:31	8.4	4:06	7.4	9:28	-0.7	9:40	2.5	4:43	8:11	
14	Tue	3:16	8.1	4:40	7.5	10:02	-0.5	10:28	2.3	4:44	8:11	
15	Wed	4:07	7.6	5:18	7.7	10:40	0.0	11:23	2.0	4:45	8:10	
16	Thu	5:08	7.0	6:01	8.0	11:23	0.5			4:46	8:09	
17	Fri	6:20	6.4	6:49	8.3	12:29	1.6	12:15	1.2	4:47	8:08	
18	Sat	7:43	6.1	7:43	8.6	1:42	1.1	1:16	1.9	4:48	8:07	
19	Sun	9:05	6.2	8:40	8.9	2:53	0.4	2:23	2.3	4:49	8:07	
20	Mon	10:18	6.5	9:37	9.3	3:58	-0.3	3:29	2.6	4:50	8:06	
21	Tue	11:21	6.9	10:34	9.5	4:58	-1.0	4:33	2.7	4:51	8:05	
22	Wed			12:17	7.3	5:53	-1.5	5:33	2.6	4:52	8:04	
23	Thu			1:08	7.6	6:45	-1.8	6:30	2.4	4:53	8:03	
24	Fri	12:22	9.7	1:56	7.8	7:33	-1.8	7:25	2.2	4:54	8:02	
25	Sat	1:13	9.5	2:41	8.0	8:17	-1.7	8:16	1.9	4:56	8:00	
26	Sun	2:04	9.1	3:24	8.0	8:59	-1.4	9:06	1.7	4:57	7:59	
27	Mon	2:53	8.5	4:05	8.0	9:38	-0.9	9:56	1.6	4:58	7:58	
28	Tue	3:44	7.8	4:45	7.9	10:16	-0.3	10:47	1.6	4:59	7:57	
29	Wed	4:37	7.1	5:25	7.8	10:54	0.5	11:42	1.6	5:00	7:56	
30	Thu	5:37	6.4	6:06	7.7	11:35	1.3			5:01	7:54	
31	Fri	6:45	5.9	6:51	7.6	12:44	1.5	12:23	2.0	5:02	7:53	