US HARBORS www.USHarbors.com

Astoria (Youngs Bay), OR - Dec 1859

Date		High				Low						
		AM	ft	PM	ft	AM	ft	PM	ft	Rise	Set	Moon
1	Thu	6:06	7.4	5:06	7.0	11:42	3.8	11:51	1.5	7:44	4:38	
2	Fri	6:50	7.5	6:18	6.5			12:50	3.5	7:45	4:38	
3	Sat	7:34	7.8	7:38	6.2	12:40	2.0	1:58	2.9	7:46	4:37	
4	Sun	8:16	8.1	8:56	6.2	1:34	2.4	3:00	2.2	7:48	4:37	
5	Mon	8:56	8.5	10:04	6.5	2:27	2.8	3:53	1.4	7:49	4:37	
6	Tue	9:34	8.9	11:03	6.9	3:19	3.2	4:42	0.7	7:50	4:37	
7	Wed	10:13	9.3	11:56	7.3	4:09	3.5	5:28	0.1	7:51	4:36	
8	Thu	10:53	9.7			4:58	3.7	6:13	-0.5	7:52	4:36	
9	Fri	12:45	7.6	11:34 AM	10.0	5:47	3.9	6:58	-0.8	7:53	4:36	
10	Sat	1:32	7.8	12:18	10.2	6:35	3.9	7:42	-1.1	7:54	4:36	
11	Sun	2:18	8.0	1:04	10.2	7:25	3.8	8:26	-1.1	7:55	4:36	
12	Mon	3:03	8.1	1:53	10.1	8:15	3.7	9:10	-1.0	7:56	4:36	
13	Tue	3:48	8.2	2:45	9.7	9:07	3.4	9:55	-0.7	7:56	4:36	
14	Wed	4:34	8.3	3:42	9.0	10:03	3.2	10:40	-0.2	7:57	4:37	
15	Thu	5:21	8.4	4:46	8.2	11:06	2.9	11:28	0.5	7:58	4:37	
16	Fri	6:09	8.7	5:59	7.5			12:16	2.6	7:59	4:37	
17	Sat	6:59	8.9	7:20	6.9	12:21	1.2	1:30	2.0	7:59	4:37	
18	Sun	7:49	9.2	8:42	6.8	1:17	2.0	2:41	1.3	8:00	4:38	
19	Mon	8:40	9.5	9:57	7.0	2:17	2.6	3:45	0.6	8:01	4:38	
20	Tue	9:29	9.7	11:01	7.3	3:15	3.1	4:41	0.0	8:01	4:38	
21	Wed	10:16	9.9	11:57	7.7	4:12	3.5	5:32	-0.4	8:02	4:39	
22	Thu	11:01	9.9			5:05	3.7	6:19	-0.6	8:02	4:39	
23	Fri	12:46	7.9	11:44 AM	9.8	5:55	3.9	7:02	-0.6	8:03	4:40	
24	Sat	1:31	8.1	12:25	9.7	6:42	3.9	7:41	-0.5	8:03	4:40	
25	Sun	2:12	8.2	1:05	9.5	7:27	3.8	8:17	-0.3	8:04	4:41	
26	Mon	2:51	8.1	1:43	9.2	8:09	3.7	8:50	-0.1	8:04	4:42	
27	Tue	3:27	8.1	2:21	8.8	8:49	3.6	9:21	0.2	8:04	4:42	
28	Wed	4:01	8.0	3:01	8.4	9:30	3.5	9:49	0.5	8:04	4:43	
29	Thu	4:33	8.0	3:43	7.8	10:13	3.3	10:18	1.0	8:05	4:44	
30	Fri	5:05	8.1	4:32	7.2	11:00	3.2	10:50	1.5	8:05	4:45	
31	Sat	5:37	8.2	5:38	6.5	11:56	3.0	11:27	2.3	8:05	4:46	