US HARBORS www.USHarbors.com

Astoria (Port Docks), OR - Dec 1857

Date		High				Low						
		AM	ft	PM	ft	AM	ft	PM	ft	Rise	Set	Moon
1	Tue	1:00	7.5	12:07	10.1	6:19	3.1	7:30	-1.7	7:45	4:38	
2	Wed	1:54	7.6	12:54	10.1	7:11	3.3	8:20	-1.7	7:46	4:38	
3	Thu	2:46	7.6	1:43	9.8	8:04	3.4	9:09	-1.4	7:47	4:37	
4	Fri	3:39	7.6	2:34	9.3	8:58	3.4	9:58	-1.0	7:48	4:37	
5	Sat	4:31	7.5	3:29	8.6	9:55	3.5	10:47	-0.4	7:49	4:37	
6	Sun	5:23	7.5	4:29	7.8	10:56	3.4	11:37	0.3	7:50	4:37	
7	Mon	6:14	7.5	5:36	7.0			12:03	3.3	7:51	4:36	
8	Tue	7:05	7.6	6:51	6.3	12:29	0.9	1:16	2.9	7:52	4:36	
9	Wed	7:54	7.8	8:09	6.0	1:22	1.6	2:27	2.3	7:53	4:36	
10	Thu	8:40	8.0	9:24	6.0	2:15	2.1	3:30	1.6	7:54	4:36	
11	Fri	9:23	8.2	10:28	6.2	3:06	2.6	4:24	0.9	7:55	4:36	
12	Sat	10:01	8.4	11:24	6.5	3:55	3.1	5:10	0.4	7:56	4:36	
13	Sun	10:38	8.6			4:41	3.5	5:53	0.0	7:57	4:36	
14	Mon	12:13	6.8	11:12 AM	8.7	5:25	3.7	6:33	-0.2	7:58	4:37	
15	Tue	12:58	7.1	11:46 AM	8.8	6:08	4.0	7:11	-0.3	7:58	4:37	
16	Wed	1:40	7.2	12:20	8.8	6:50	4.1	7:47	-0.3	7:59	4:37	
17	Thu	2:20	7.3	12:55	8.8	7:30	4.1	8:21	-0.3	8:00	4:37	
18	Fri	2:58	7.2	1:31	8.7	8:10	4.1	8:55	-0.3	8:00	4:38	
19	Sat	3:35	7.2	2:09	8.6	8:49	4.0	9:28	-0.2	8:01	4:38	
20	Sun	4:10	7.2	2:51	8.3	9:30	3.8	10:01	-0.1	8:02	4:39	
21	Mon	4:45	7.2	3:38	7.9	10:15	3.6	10:37	0.3	8:02	4:39	
22	Tue	5:22	7.4	4:33	7.3	11:08	3.3	11:17	0.7	8:03	4:40	
23	Wed	6:01	7.6	5:41	6.6			12:12	3.0	8:03	4:40	
24	Thu	6:44	8.0	7:02	6.2	12:04	1.3	1:23	2.4	8:03	4:41	
25	Fri	7:30	8.4	8:29	6.0	12:58	2.0	2:35	1.6	8:04	4:41	
26	Sat	8:21	8.9	9:50	6.2	1:59	2.7	3:41	0.7	8:04	4:42	
27	Sun	9:13	9.3	11:00	6.6	3:03	3.2	4:41	-0.1	8:04	4:43	
28	Mon	10:06	9.7			4:06	3.6	5:38	-0.8	8:05	4:44	
29	Tue	12:00	7.1	11:00 AM	10.0	5:07	3.7	6:31	-1.2	8:05	4:44	
30	Wed	12:55	7.4	11:53 AM	10.1	6:06	3.7	7:22	-1.4	8:05	4:45	

Date		High				Low						
		AM	ft	PM	ft	AM	ft	PM	ft	Rise	Set	Moon
31	Thu	**1:45**	7.7	**12:45**	10.0	**7:03**	3.5	**8:10**	-1.5	8:05	4:46	◯