US HARBORS www.USHarbors.com

Astoria (Port Docks), OR - Dec 1838

Date		High				Low						
		AM	ft	PM	ft	AM	ft	PM	ft	Rise	Set	Moon
1	Sat	12:59	7.5	12:11	9.9	6:22	3.0	7:30	-1.5	7:44	4:38	
2	Sun	1:51	7.6	12:54	9.7	7:11	3.3	8:17	-1.4	7:46	4:38	
3	Mon	2:41	7.6	1:37	9.4	8:00	3.5	9:02	-1.0	7:47	4:38	
4	Tue	3:31	7.5	2:21	8.9	8:49	3.6	9:45	-0.6	7:48	4:37	
5	Wed	4:19	7.3	3:08	8.3	9:38	3.7	10:28	0.0	7:49	4:37	
6	Thu	5:07	7.2	3:58	7.6	10:31	3.8	11:12	0.5	7:50	4:37	
7	Fri	5:54	7.1	4:54	6.9	11:29	3.7	11:57	1.1	7:51	4:37	
8	Sat	6:41	7.1	6:02	6.2			12:35	3.5	7:52	4:36	
9	Sun	7:27	7.2	7:18	5.8	12:45	1.7	1:45	3.1	7:53	4:36	
10	Mon	8:11	7.5	8:36	5.6	1:35	2.2	2:51	2.5	7:54	4:36	
11	Tue	8:52	7.8	9:46	5.8	2:27	2.6	3:47	1.7	7:55	4:36	
12	Wed	9:31	8.1	10:47	6.1	3:16	3.0	4:37	1.0	7:56	4:36	
13	Thu	10:07	8.4	11:41	6.5	4:04	3.4	5:21	0.5	7:57	4:36	
14	Fri	10:42	8.6			4:51	3.7	6:03	0.0	7:57	4:37	
15	Sat	12:29	6.8	11:18 AM	8.9	5:36	3.9	6:44	-0.3	7:58	4:37	
16	Sun	1:14	7.0	11:55 AM	9.0	6:21	4.1	7:24	-0.5	7:59	4:37	
17	Mon	1:57	7.2	12:33	9.2	7:05	4.1	8:03	-0.7	8:00	4:37	
18	Tue	2:39	7.3	1:14	9.2	7:49	4.1	8:42	-0.8	8:00	4:38	
19	Wed	3:20	7.3	1:58	9.1	8:33	3.9	9:21	-0.7	8:01	4:38	
20	Thu	4:00	7.3	2:46	8.8	9:20	3.7	10:01	-0.5	8:01	4:38	
21	Fri	4:41	7.4	3:39	8.3	10:11	3.5	10:43	-0.1	8:02	4:39	
22	Sat	5:23	7.6	4:40	7.7	11:10	3.1	11:28	0.4	8:03	4:39	
23	Sun	6:08	7.9	5:51	6.9			12:18	2.7	8:03	4:40	
24	Mon	6:55	8.2	7:13	6.4	12:18	1.1	1:32	2.1	8:03	4:41	
25	Tue	7:45	8.6	8:37	6.2	1:15	1.8	2:44	1.3	8:04	4:41	
26	Wed	8:36	9.0	9:55	6.4	2:15	2.5	3:50	0.5	8:04	4:42	
27	Thu	9:27	9.3	11:03	6.7	3:17	3.0	4:49	-0.2	8:04	4:43	
28	Fri	10:17	9.6			4:16	3.4	5:43	-0.8	8:05	4:43	
29	Sat	12:02	7.1	11:06 AM	9.7	5:14	3.6	6:34	-1.0	8:05	4:44	
30	Sun	12:54	7.5	11:54 AM	9.7	6:09	3.7	7:21	-1.1	8:05	4:45	

Date		High				Low						
		AM	ft	PM	ft	AM	ft	PM	ft	Rise	Set	Moon
31	Mon	**1:43**	7.7	**12:41**	9.5	**7:01**	3.7	**8:05**	-0.9	8:05	4:46	◯