US HARBORS www.USHarbors.com

Astoria, OR - Nov 1849

Date		High				Low						
		AM	ft	PM	ft	AM	ft	PM	ft	Rise	Set	Moon
1	Thu	**1:30**	8.2	**1:10**	9.7	**7:16**	1.4	**8:03**	-1.2	7:03	5:07	
2	Fri	**2:19**	8.2	**1:50**	9.8	**7:59**	1.7	**8:48**	-1.3	7:05	5:06	
3	Sat	**3:10**	8.1	**2:33**	9.7	**8:45**	2.0	**9:36**	-1.2	7:06	5:05	
4	Sun	**4:04**	7.9	**3:20**	9.4	**9:34**	2.4	**10:27**	-0.8	7:08	5:03	
5	Mon	**5:01**	7.7	**4:14**	8.8	**10:30**	2.7	**11:23**	-0.3	7:09	5:02	
6	Tue	**6:03**	7.6	**5:19**	8.2	**11:35**	2.9			7:10	5:00	
7	Wed	**7:07**	7.6	**6:35**	7.6	**12:27**	0.2	**12:52**	2.9	7:12	4:59	
8	Thu	**8:10**	7.9	**7:56**	7.3	**1:35**	0.5	**2:09**	2.5	7:13	4:58	
9	Fri	**9:07**	8.2	**9:12**	7.3	**2:39**	0.7	**3:20**	1.8	7:15	4:57	
10	Sat	**9:58**	8.6	**10:18**	7.5	**3:36**	0.9	**4:20**	1.1	7:16	4:55	
11	Sun	**10:42**	9.0	**11:14**	7.7	**4:27**	1.0	**5:11**	0.4	7:18	4:54	
12	Mon	**11:22**	9.2			**5:12**	1.2	**5:58**	-0.1	7:19	4:53	
13	Tue	**12:05**	7.9	**11:58 AM**	9.3	**5:54**	1.5	**6:40**	-0.4	7:21	4:52	
14	Wed	**12:51**	8.0	**12:32**	9.3	**6:34**	1.9	**7:20**	-0.5	7:22	4:51	
15	Thu	**1:35**	8.0	**1:03**	9.2	**7:12**	2.3	**7:57**	-0.5	7:23	4:50	
16	Fri	**2:17**	7.9	**1:34**	9.0	**7:49**	2.6	**8:32**	-0.4	7:25	4:49	
17	Sat	**2:58**	7.8	**2:04**	8.8	**8:25**	2.9	**9:06**	-0.2	7:26	4:48	
18	Sun	**3:39**	7.6	**2:35**	8.6	**9:02**	3.2	**9:39**	0.1	7:28	4:47	
19	Mon	**4:21**	7.4	**3:10**	8.3	**9:41**	3.4	**10:13**	0.4	7:29	4:46	
20	Tue	**5:05**	7.3	**3:51**	7.9	**10:25**	3.6	**10:52**	0.7	7:30	4:45	
21	Wed	**5:52**	7.2	**4:41**	7.4	**11:18**	3.7	**11:39**	1.1	7:32	4:44	
22	Thu	**6:43**	7.2	**5:45**	7.0			**12:24**	3.6	7:33	4:43	
23	Fri	**7:35**	7.4	**7:05**	6.7	**12:35**	1.4	**1:37**	3.3	7:34	4:42	
24	Sat	**8:26**	7.7	**8:25**	6.7	**1:38**	1.6	**2:45**	2.6	7:36	4:42	
25	Sun	**9:13**	8.2	**9:37**	6.9	**2:39**	1.7	**3:44**	1.8	7:37	4:41	
26	Mon	**9:56**	8.7	**10:40**	7.3	**3:34**	1.8	**4:37**	0.9	7:38	4:40	
27	Tue	**10:38**	9.3	**11:36**	7.8	**4:26**	1.9	**5:27**	0.1	7:40	4:40	
28	Wed	**11:19**	9.8			**5:15**	2.0	**6:14**	-0.6	7:41	4:39	
29	Thu	**12:29**	8.1	**12:01**	10.1	**6:03**	2.2	**7:02**	-1.1	7:42	4:39	
30	Fri	**1:21**	8.4	**12:44**	10.4	**6:52**	2.3	**7:49**	-1.4	7:43	4:38	