US HARBORS www.USHarbors.com

Astoria, OR - Jul 1778

Date		High				Low						
		AM	ft	PM	ft	AM	ft	PM	ft	Rise	Set	Moon
1	Wed	**6:19**	6.6	**7:19**	7.8	**12:35**	2.1	**12:42**	0.8	4:33	8:17	
2	Thu	**7:30**	6.1	**8:06**	7.9	**1:43**	1.8	**1:33**	1.4	4:34	8:16	
3	Fri	**8:43**	5.9	**8:51**	8.0	**2:48**	1.3	**2:26**	2.0	4:35	8:16	
4	Sat	**9:52**	6.0	**9:35**	8.2	**3:47**	0.8	**3:19**	2.4	4:35	8:16	
5	Sun	**10:53**	6.2	**10:17**	8.3	**4:39**	0.3	**4:09**	2.7	4:36	8:15	
6	Mon	**11:46**	6.5	**10:56**	8.4	**5:26**	-0.2	**4:57**	2.9	4:37	8:15	
7	Tue			**12:33**	6.8	**6:08**	-0.5	**5:44**	3.0	4:38	8:15	
8	Wed			**1:17**	7.0	**6:48**	-0.7	**6:28**	3.1	4:38	8:14	
9	Thu	**12:11**	8.6	**1:57**	7.1	**7:26**	-0.8	**7:11**	3.1	4:39	8:14	
10	Fri	**12:48**	8.6	**2:35**	7.2	**8:02**	-0.9	**7:52**	3.0	4:40	8:13	
11	Sat	**1:25**	8.6	**3:11**	7.2	**8:36**	-1.0	**8:32**	2.8	4:41	8:12	
12	Sun	**2:03**	8.5	**3:45**	7.2	**9:09**	-0.9	**9:12**	2.6	4:42	8:12	
13	Mon	**2:44**	8.3	**4:19**	7.3	**9:42**	-0.8	**9:54**	2.4	4:43	8:11	
14	Tue	**3:29**	8.0	**4:53**	7.4	**10:16**	-0.6	**10:42**	2.2	4:44	8:10	
15	Wed	**4:20**	7.5	**5:31**	7.6	**10:54**	-0.1	**11:37**	1.9	4:45	8:10	
16	Thu	**5:21**	6.9	**6:14**	7.9	**11:37**	0.4			4:45	8:09	
17	Fri	**6:33**	6.3	**7:02**	8.2	**12:43**	1.5	**12:29**	1.1	4:46	8:08	
18	Sat	**7:56**	6.0	**7:56**	8.5	**1:56**	1.0	**1:30**	1.8	4:48	8:07	
19	Sun	**9:18**	6.1	**8:53**	8.8	**3:07**	0.3	**2:37**	2.2	4:49	8:06	
20	Mon	**10:31**	6.4	**9:50**	9.2	**4:12**	-0.4	**3:43**	2.5	4:50	8:05	
21	Tue	**11:34**	6.8	**10:47**	9.4	**5:12**	-1.1	**4:47**	2.6	4:51	8:04	
22	Wed			**12:30**	7.2	**6:07**	-1.6	**5:47**	2.5	4:52	8:03	
23	Thu			**1:21**	7.5	**6:59**	-1.9	**6:44**	2.3	4:53	8:02	
24	Fri	**12:35**	9.6	**2:09**	7.8	**7:47**	-1.9	**7:39**	2.1	4:54	8:01	
25	Sat	**1:26**	9.4	**2:54**	7.9	**8:31**	-1.8	**8:30**	1.8	4:55	8:00	
26	Sun	**2:17**	9.0	**3:37**	7.9	**9:13**	-1.5	**9:20**	1.6	4:56	7:59	
27	Mon	**3:06**	8.4	**4:18**	7.9	**9:52**	-1.0	**10:10**	1.5	4:57	7:58	
28	Tue	**3:57**	7.7	**4:58**	7.8	**10:30**	-0.4	**11:01**	1.5	4:59	7:57	
29	Wed	**4:50**	7.0	**5:38**	7.7	**11:08**	0.4	**11:56**	1.5	5:00	7:55	
30	Thu	**5:50**	6.3	**6:19**	7.6	**11:49**	1.2			5:01	7:54	
31	Fri	**6:58**	5.8	**7:04**	7.5	**12:58**	1.4	**12:37**	1.9	5:02	7:53	