US HARBORS www.USHarbors.com

Astoria (Youngs Bay), OR - Dec 1831

Date		High				Low						
		AM	ft	PM	ft	AM	ft	PM	ft	Rise	Set	Moon
1	Thu	**10:54**	9.4	**11:50**	7.8	**4:44**	2.2	**5:39**	0.2	7:44	4:38	
2	Fri	**11:29**	9.4			**5:26**	2.5	**6:20**	-0.1	7:45	4:38	
3	Sat	**12:36**	7.9	**12:02**	9.4	**6:06**	2.8	**6:58**	-0.2	7:46	4:38	
4	Sun	**1:18**	8.0	**12:33**	9.4	**6:45**	3.0	**7:34**	-0.3	7:47	4:37	
5	Mon	**1:59**	8.0	**1:04**	9.3	**7:23**	3.2	**8:07**	-0.2	7:48	4:37	
6	Tue	**2:39**	8.0	**1:35**	9.1	**8:00**	3.4	**8:40**	0.0	7:50	4:37	
7	Wed	**3:18**	7.9	**2:08**	9.0	**8:37**	3.5	**9:11**	0.1	7:51	4:37	
8	Thu	**3:56**	7.8	**2:43**	8.7	**9:16**	3.6	**9:44**	0.3	7:52	4:36	
9	Fri	**4:35**	7.7	**3:25**	8.4	**9:58**	3.7	**10:20**	0.6	7:53	4:36	
10	Sat	**5:17**	7.7	**4:14**	7.9	**10:48**	3.7	**11:03**	0.9	7:54	4:36	
11	Sun	**6:02**	7.8	**5:16**	7.4	**11:49**	3.6	**11:54**	1.3	7:55	4:36	
12	Mon	**6:50**	8.0	**6:33**	7.0			**1:01**	3.2	7:55	4:36	
13	Tue	**7:41**	8.3	**7:57**	6.9	**12:54**	1.7	**2:12**	2.6	7:56	4:36	
14	Wed	**8:31**	8.8	**9:14**	7.1	**1:57**	2.0	**3:16**	1.7	7:57	4:37	
15	Thu	**9:20**	9.3	**10:22**	7.5	**2:58**	2.3	**4:14**	0.8	7:58	4:37	
16	Fri	**10:07**	9.8	**11:22**	7.9	**3:55**	2.4	**5:07**	-0.1	7:59	4:37	
17	Sat	**10:54**	10.3			**4:50**	2.6	**5:58**	-0.7	7:59	4:37	
18	Sun	**12:18**	8.3	**11:41 AM**	10.6	**5:44**	2.7	**6:48**	-1.2	8:00	4:38	
19	Mon	**1:10**	8.6	**12:29**	10.7	**6:37**	2.7	**7:37**	-1.4	8:01	4:38	
20	Tue	**2:01**	8.8	**1:18**	10.6	**7:30**	2.7	**8:24**	-1.4	8:01	4:38	
21	Wed	**2:51**	8.9	**2:08**	10.3	**8:23**	2.7	**9:11**	-1.2	8:02	4:39	
22	Thu	**3:41**	8.9	**3:00**	9.8	**9:16**	2.7	**9:57**	-0.7	8:02	4:39	
23	Fri	**4:30**	8.9	**3:55**	9.0	**10:12**	2.8	**10:44**	0.0	8:03	4:40	
24	Sat	**5:21**	8.8	**4:55**	8.2	**11:12**	2.8	**11:34**	0.7	8:03	4:40	
25	Sun	**6:12**	8.8	**6:03**	7.5			**12:18**	2.7	8:04	4:41	
26	Mon	**7:05**	8.8	**7:18**	7.0	**12:27**	1.4	**1:29**	2.5	8:04	4:42	
27	Tue	**7:57**	8.8	**8:34**	6.8	**1:24**	2.1	**2:38**	2.0	8:04	4:42	
28	Wed	**8:47**	8.9	**9:44**	7.0	**2:22**	2.6	**3:39**	1.4	8:04	4:43	
29	Thu	**9:34**	9.1	**10:44**	7.3	**3:17**	2.9	**4:32**	0.9	8:05	4:44	
30	Fri	**10:17**	9.2	**11:35**	7.6	**4:08**	3.2	**5:18**	0.4	8:05	4:45	
31	Sat	**10:57**	9.3			**4:56**	3.3	**6:00**	0.1	8:05	4:46	