US HARBORS www.USHarbors.com

Astoria (Youngs Bay), OR - Dec 1790

Date		High				Low						
		AM	ft	PM	ft	AM	ft	PM	ft	Rise	Set	Moon
1	Wed	**8:19**	8.9	**9:04**	7.1	**1:48**	1.8	**3:03**	1.4	7:45	4:38	
2	Thu	**9:11**	9.5	**10:14**	7.5	**2:51**	2.1	**4:04**	0.5	7:46	4:38	
3	Fri	**10:02**	10.0	**11:16**	7.9	**3:50**	2.3	**5:00**	-0.3	7:47	4:37	
4	Sat	**10:50**	10.4			**4:46**	2.4	**5:53**	-0.9	7:49	4:37	
5	Sun	**12:12**	8.3	**11:38 AM**	10.6	**5:40**	2.5	**6:43**	-1.3	7:50	4:37	
6	Mon	**1:05**	8.5	**12:26**	10.6	**6:33**	2.6	**7:31**	-1.4	7:51	4:37	
7	Tue	**1:55**	8.7	**1:13**	10.4	**7:25**	2.6	**8:17**	-1.3	7:52	4:36	
8	Wed	**2:44**	8.7	**2:01**	10.0	**8:16**	2.7	**9:02**	-0.9	7:53	4:36	
9	Thu	**3:32**	8.7	**2:50**	9.4	**9:07**	2.7	**9:45**	-0.4	7:54	4:36	
10	Fri	**4:19**	8.6	**3:40**	8.7	**9:59**	2.8	**10:28**	0.2	7:55	4:36	
11	Sat	**5:06**	8.5	**4:35**	8.0	**10:55**	2.9	**11:12**	0.9	7:55	4:36	
12	Sun	**5:54**	8.4	**5:37**	7.2	**11:56**	2.9	**11:59**	1.6	7:56	4:36	
13	Mon	**6:43**	8.4	**6:47**	6.7			**1:02**	2.7	7:57	4:37	
14	Tue	**7:32**	8.4	**8:02**	6.5	**12:51**	2.2	**2:09**	2.3	7:58	4:37	
15	Wed	**8:21**	8.5	**9:13**	6.6	**1:47**	2.7	**3:11**	1.8	7:59	4:37	
16	Thu	**9:07**	8.7	**10:16**	6.9	**2:43**	3.1	**4:05**	1.3	7:59	4:37	
17	Fri	**9:50**	8.9	**11:09**	7.2	**3:36**	3.3	**4:52**	0.7	8:00	4:38	
18	Sat	**10:30**	9.1	**11:57**	7.6	**4:25**	3.4	**5:35**	0.3	8:01	4:38	
19	Sun	**11:08**	9.3			**5:12**	3.5	**6:16**	0.0	8:01	4:38	
20	Mon	**12:40**	7.8	**11:45 AM**	9.4	**5:56**	3.5	**6:53**	-0.2	8:02	4:39	
21	Tue	**1:20**	8.0	**12:21**	9.5	**6:39**	3.5	**7:30**	-0.3	8:02	4:39	
22	Wed	**1:58**	8.2	**12:58**	9.5	**7:20**	3.4	**8:04**	-0.4	8:03	4:40	
23	Thu	**2:35**	8.3	**1:36**	9.4	**8:01**	3.3	**8:38**	-0.3	8:03	4:40	
24	Fri	**3:10**	8.4	**2:16**	9.2	**8:42**	3.1	**9:11**	-0.2	8:04	4:41	
25	Sat	**3:46**	8.5	**3:01**	8.9	**9:25**	2.9	**9:46**	0.1	8:04	4:42	
26	Sun	**4:23**	8.6	**3:51**	8.4	**10:13**	2.8	**10:25**	0.5	8:04	4:42	
27	Mon	**5:04**	8.8	**4:51**	7.8	**11:09**	2.6	**11:10**	1.1	8:05	4:43	
28	Tue	**5:49**	9.0	**6:04**	7.2			**12:15**	2.3	8:05	4:44	
29	Wed	**6:41**	9.2	**7:27**	6.9	**12:03**	1.8	**1:29**	1.9	8:05	4:45	
30	Thu	**7:37**	9.4	**8:50**	6.9	**1:07**	2.4	**2:42**	1.2	8:05	4:46	
31	Fri	**8:36**	9.8	**10:04**	7.3	**2:17**	2.9	**3:48**	0.5	8:05	4:46	