US HARBORS www.USHarbors.com

Astoria (Port Docks), OR - Dec 2019

Date		High				Low						
		AM	ft	PM	ft	AM	ft	PM	ft	Rise	Set	Moon
1	Sun	4:52	7.3	3:44	7.8	10:18	3.6	10:56	0.5	7:37	4:31	
2	Mon	5:42	7.1	4:35	7.1	11:12	3.8	11:42	1.0	7:38	4:31	
3	Tue	6:32	7.0	5:37	6.5			12:16	3.7	7:39	4:30	
4	Wed	7:23	7.1	6:51	6.1	12:33	1.5	1:25	3.5	7:40	4:30	
5	Thu	8:12	7.3	8:08	5.9	1:29	1.8	2:33	2.9	7:41	4:30	
6	Fri	8:57	7.6	9:18	6.0	2:23	2.1	3:32	2.3	7:43	4:29	
7	Sat	9:38	7.9	10:19	6.3	3:15	2.3	4:23	1.5	7:44	4:29	
8	Sun	10:14	8.2	11:13	6.6	4:02	2.5	5:09	0.8	7:45	4:29	
9	Mon	10:49	8.6			4:46	2.7	5:51	0.3	7:46	4:29	
10	Tue	12:02	6.9	11:22 AM	8.8	5:30	2.9	6:32	-0.2	7:47	4:29	
11	Wed	12:48	7.2	11:57 AM	9.1	6:12	3.1	7:12	-0.5	7:47	4:29	
12	Thu	1:33	7.4	12:33	9.3	6:55	3.3	7:52	-0.8	7:48	4:29	
13	Fri	2:17	7.5	1:11	9.4	7:38	3.4	8:31	-0.9	7:49	4:29	
14	Sat	3:01	7.6	1:53	9.3	8:23	3.4	9:12	-0.8	7:50	4:29	
15	Sun	3:45	7.6	2:39	9.1	9:09	3.4	9:55	-0.6	7:51	4:29	
16	Mon	4:31	7.6	3:30	8.6	10:01	3.4	10:41	-0.3	7:51	4:30	
17	Tue	5:20	7.6	4:30	8.0	11:00	3.3	11:31	0.2	7:52	4:30	
18	Wed	6:11	7.8	5:41	7.3			12:09	3.0	7:53	4:30	
19	Thu	7:05	8.0	7:02	6.8	12:28	0.8	1:25	2.6	7:53	4:31	
20	Fri	7:59	8.4	8:25	6.6	1:29	1.3	2:38	1.8	7:54	4:31	
21	Sat	8:51	8.8	9:41	6.7	2:31	1.8	3:44	1.0	7:54	4:32	
22	Sun	9:41	9.2	10:48	7.0	3:30	2.2	4:43	0.2	7:55	4:32	
23	Mon	10:28	9.5	11:46	7.4	4:25	2.5	5:36	-0.5	7:55	4:33	
24	Tue	11:13	9.6			5:18	2.7	6:25	-0.8	7:56	4:33	
25	Wed	12:39	7.6	11:57 AM	9.7	6:08	3.0	7:10	-1.0	7:56	4:34	
26	Thu	1:28	7.8	12:39	9.5	6:56	3.1	7:53	-0.9	7:57	4:35	
27	Fri	2:14	7.9	1:19	9.3	7:43	3.3	8:33	-0.7	7:57	4:35	
28	Sat	2:57	7.8	1:59	8.9	8:27	3.3	9:10	-0.4	7:57	4:36	
29	Sun	3:39	7.8	2:40	8.5	9:11	3.4	9:45	0.0	7:57	4:37	
30	Mon	4:19	7.6	3:21	7.9	9:54	3.4	10:19	0.4	7:57	4:38	
31	Tue	4:58	7.5	4:06	7.3	10:40	3.4	10:55	1.0	7:57	4:38	