US HARBORS www.USHarbors.com

# Astoria, OR - Jul 1850

| Date | | High | | | | Low | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Mon | **4:58** | 6.8 | **6:15** | 7.4 | **11:28** | 0.6 | | | 4:33 | 8:17 | |
| 2 | Tue | **6:02** | 6.3 | **6:59** | 7.5 | **12:26** | 2.4 | **12:16** | 1.1 | 4:34 | 8:17 | |
| 3 | Wed | **7:17** | 6.0 | **7:47** | 7.8 | **1:33** | 2.0 | **1:12** | 1.5 | 4:35 | 8:16 | |
| 4 | Thu | **8:37** | 6.0 | **8:37** | 8.2 | **2:40** | 1.4 | **2:13** | 1.9 | 4:35 | 8:16 | |
| 5 | Fri | **9:51** | 6.2 | **9:29** | 8.7 | **3:42** | 0.7 | **3:15** | 2.2 | 4:36 | 8:16 | |
| 6 | Sat | **10:56** | 6.6 | **10:20** | 9.1 | **4:39** | -0.1 | **4:15** | 2.4 | 4:37 | 8:15 | |
| 7 | Sun | **11:54** | 7.0 | **11:10** | 9.5 | **5:33** | -0.8 | **5:12** | 2.4 | 4:37 | 8:15 | |
| 8 | Mon | | | **12:47** | 7.4 | **6:24** | -1.4 | **6:09** | 2.3 | 4:38 | 8:14 | |
| 9 | Tue | **12:01** | 9.7 | **1:38** | 7.7 | **7:14** | -1.8 | **7:04** | 2.2 | 4:39 | 8:14 | |
| 10 | Wed | **12:53** | 9.8 | **2:26** | 7.9 | **8:02** | -2.0 | **7:58** | 2.0 | 4:40 | 8:13 | |
| 11 | Thu | **1:44** | 9.7 | **3:14** | 8.1 | **8:49** | -2.0 | **8:51** | 1.7 | 4:41 | 8:13 | |
| 12 | Fri | **2:37** | 9.3 | **4:00** | 8.2 | **9:34** | -1.7 | **9:45** | 1.6 | 4:42 | 8:12 | |
| 13 | Sat | **3:31** | 8.8 | **4:47** | 8.3 | **10:19** | -1.3 | **10:41** | 1.4 | 4:42 | 8:12 | |
| 14 | Sun | **4:29** | 8.1 | **5:35** | 8.3 | **11:05** | -0.6 | **11:42** | 1.4 | 4:43 | 8:11 | |
| 15 | Mon | **5:31** | 7.3 | **6:24** | 8.3 | **11:53** | 0.1 | | | 4:44 | 8:10 | |
| 16 | Tue | **6:40** | 6.6 | **7:15** | 8.2 | **12:48** | 1.2 | **12:46** | 0.9 | 4:45 | 8:09 | |
| 17 | Wed | **7:54** | 6.2 | **8:08** | 8.3 | **1:57** | 1.0 | **1:43** | 1.6 | 4:46 | 8:09 | |
| 18 | Thu | **9:08** | 6.1 | **9:00** | 8.3 | **3:04** | 0.6 | **2:43** | 2.1 | 4:47 | 8:08 | |
| 19 | Fri | **10:15** | 6.3 | **9:50** | 8.4 | **4:05** | 0.2 | **3:40** | 2.4 | 4:48 | 8:07 | |
| 20 | Sat | **11:13** | 6.6 | **10:37** | 8.4 | **4:58** | -0.2 | **4:34** | 2.5 | 4:49 | 8:06 | |
| 21 | Sun | | | **12:03** | 6.9 | **5:45** | -0.5 | **5:24** | 2.6 | 4:50 | 8:05 | |
| 22 | Mon | | | **12:48** | 7.1 | **6:27** | -0.7 | **6:10** | 2.5 | 4:52 | 8:04 | |
| 23 | Tue | **12:01** | 8.5 | **1:28** | 7.3 | **7:06** | -0.8 | **6:54** | 2.5 | 4:53 | 8:03 | |
| 24 | Wed | **12:39** | 8.4 | **2:06** | 7.3 | **7:41** | -0.8 | **7:35** | 2.4 | 4:54 | 8:02 | |
| 25 | Thu | **1:16** | 8.3 | **2:40** | 7.3 | **8:14** | -0.8 | **8:14** | 2.2 | 4:55 | 8:01 | |
| 26 | Fri | **1:52** | 8.2 | **3:12** | 7.4 | **8:44** | -0.7 | **8:51** | 2.1 | 4:56 | 8:00 | |
| 27 | Sat | **2:28** | 7.9 | **3:42** | 7.4 | **9:13** | -0.5 | **9:29** | 2.0 | 4:57 | 7:59 | |
| 28 | Sun | **3:06** | 7.6 | **4:11** | 7.4 | **9:42** | -0.2 | **10:07** | 1.8 | 4:58 | 7:57 | |
| 29 | Mon | **3:48** | 7.3 | **4:42** | 7.5 | **10:13** | 0.1 | **10:51** | 1.7 | 4:59 | 7:56 | |
| 30 | Tue | **4:37** | 6.8 | **5:18** | 7.6 | **10:48** | 0.6 | **11:43** | 1.6 | 5:01 | 7:55 | |
| 31 | Wed | **5:36** | 6.3 | **6:00** | 7.8 | **11:31** | 1.2 | | | 5:02 | 7:54 | |