US HARBORS www.USHarbors.com

# Astoria, OR - Jun 1853

| Date | | High | | | | Low | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Wed | 9:35 | 6.5 | 10:02 | 8.3 | 3:44 | 1.5 | 3:37 | 1.4 | 4:33 | 8:05 | |
| 2 | Thu | 10:36 | 6.6 | 10:39 | 8.5 | 4:37 | 0.8 | 4:21 | 1.8 | 4:32 | 8:06 | |
| 3 | Fri | 11:29 | 6.8 | 11:13 | 8.6 | 5:23 | 0.2 | 5:03 | 2.1 | 4:32 | 8:07 | |
| 4 | Sat | | | 12:18 | 6.9 | 6:06 | -0.2 | 5:43 | 2.5 | 4:31 | 8:08 | |
| 5 | Sun | | | 1:03 | 7.1 | 6:45 | -0.5 | 6:22 | 2.8 | 4:31 | 8:09 | |
| 6 | Mon | 12:15 | 8.7 | 1:47 | 7.2 | 7:23 | -0.6 | 7:01 | 3.1 | 4:31 | 8:10 | |
| 7 | Tue | 12:45 | 8.7 | 2:29 | 7.2 | 7:59 | -0.7 | 7:40 | 3.2 | 4:30 | 8:10 | |
| 8 | Wed | 1:16 | 8.7 | 3:10 | 7.1 | 8:34 | -0.7 | 8:19 | 3.4 | 4:30 | 8:11 | |
| 9 | Thu | 1:49 | 8.7 | 3:50 | 7.1 | 9:08 | -0.6 | 8:57 | 3.4 | 4:30 | 8:12 | |
| 10 | Fri | 2:25 | 8.6 | 4:30 | 7.0 | 9:43 | -0.6 | 9:39 | 3.4 | 4:29 | 8:12 | |
| 11 | Sat | 3:06 | 8.3 | 5:12 | 7.0 | 10:20 | -0.4 | 10:25 | 3.3 | 4:29 | 8:13 | |
| 12 | Sun | 3:54 | 8.0 | 5:55 | 7.1 | 11:01 | -0.2 | 11:21 | 3.2 | 4:29 | 8:13 | |
| 13 | Mon | 4:51 | 7.5 | 6:41 | 7.2 | 11:49 | 0.1 | | | 4:29 | 8:14 | |
| 14 | Tue | 6:00 | 7.0 | 7:28 | 7.6 | 12:27 | 2.9 | 12:42 | 0.5 | 4:29 | 8:14 | |
| 15 | Wed | 7:20 | 6.6 | 8:16 | 8.0 | 1:40 | 2.3 | 1:40 | 0.9 | 4:29 | 8:15 | |
| 16 | Thu | 8:42 | 6.5 | 9:04 | 8.6 | 2:49 | 1.4 | 2:39 | 1.3 | 4:29 | 8:15 | |
| 17 | Fri | 9:57 | 6.6 | 9:51 | 9.1 | 3:53 | 0.5 | 3:36 | 1.7 | 4:29 | 8:16 | |
| 18 | Sat | 11:05 | 6.9 | 10:39 | 9.6 | 4:51 | -0.4 | 4:31 | 2.0 | 4:29 | 8:16 | |
| 19 | Sun | | | 12:06 | 7.2 | 5:46 | -1.1 | 5:27 | 2.3 | 4:29 | 8:16 | |
| 20 | Mon | | | 1:03 | 7.5 | 6:39 | -1.7 | 6:22 | 2.5 | 4:29 | 8:17 | |
| 21 | Tue | 12:15 | 10.0 | 1:58 | 7.7 | 7:31 | -1.9 | 7:17 | 2.6 | 4:29 | 8:17 | |
| 22 | Wed | 1:04 | 9.9 | 2:50 | 7.8 | 8:21 | -2.0 | 8:11 | 2.7 | 4:30 | 8:17 | |
| 23 | Thu | 1:54 | 9.7 | 3:40 | 7.8 | 9:08 | -1.8 | 9:04 | 2.6 | 4:30 | 8:17 | |
| 24 | Fri | 2:45 | 9.2 | 4:29 | 7.8 | 9:55 | -1.4 | 9:58 | 2.6 | 4:30 | 8:17 | |
| 25 | Sat | 3:38 | 8.5 | 5:18 | 7.7 | 10:40 | -0.9 | 10:55 | 2.5 | 4:31 | 8:17 | |
| 26 | Sun | 4:34 | 7.8 | 6:05 | 7.7 | 11:25 | -0.3 | 11:55 | 2.4 | 4:31 | 8:17 | |
| 27 | Mon | 5:35 | 7.1 | 6:52 | 7.7 | | | 12:11 | 0.4 | 4:31 | 8:17 | |
| 28 | Tue | 6:42 | 6.4 | 7:39 | 7.7 | 1:01 | 2.2 | 1:00 | 1.0 | 4:32 | 8:17 | |
| 29 | Wed | 7:54 | 6.0 | 8:25 | 7.9 | 2:07 | 1.8 | 1:51 | 1.6 | 4:32 | 8:17 | |
| 30 | Thu | 9:06 | 5.9 | 9:09 | 8.0 | 3:10 | 1.2 | 2:43 | 2.1 | 4:33 | 8:17 | |