



Astoria (Port Docks), OR - Jul 2011

| Date | | High | | | | Low | | | |  | |  |
|------|-----|-------|-----|-------|-----|-------|------|----------|-----|---|------|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Fri | 1:09 | 8.5 | 2:55 | 6.8 | 8:31 | -1.2 | 8:19 | 2.8 | 5:27 | 9:10 | ● |
| 2 | Sat | 1:53 | 8.6 | 3:33 | 7.0 | 9:10 | -1.4 | 9:05 | 2.5 | 5:28 | 9:10 | ● |
| 3 | Sun | 2:38 | 8.5 | 4:11 | 7.2 | 9:47 | -1.4 | 9:51 | 2.1 | 5:29 | 9:10 | ● |
| 4 | Mon | 3:25 | 8.3 | 4:48 | 7.4 | 10:24 | -1.2 | 10:39 | 1.8 | 5:29 | 9:10 | ● |
| 5 | Tue | 4:15 | 7.9 | 5:26 | 7.7 | 11:02 | -0.8 | 11:31 | 1.5 | 5:30 | 9:09 | ◐ |
| 6 | Wed | 5:11 | 7.2 | 6:07 | 7.9 | 11:42 | -0.3 | | | 5:31 | 9:09 | ◑ |
| 7 | Thu | 6:13 | 6.5 | 6:53 | 8.1 | 12:29 | 1.2 | 12:27 | 0.5 | 5:31 | 9:08 | ◑ |
| 8 | Fri | 7:26 | 5.9 | 7:43 | 8.2 | 1:35 | 0.9 | 1:19 | 1.3 | 5:32 | 9:08 | ◒ |
| 9 | Sat | 8:46 | 5.6 | 8:39 | 8.3 | 2:48 | 0.6 | 2:21 | 2.0 | 5:33 | 9:07 | ◒ |
| 10 | Sun | 10:07 | 5.6 | 9:39 | 8.5 | 3:59 | 0.1 | 3:29 | 2.5 | 5:34 | 9:07 | ◒ |
| 11 | Mon | 11:19 | 5.9 | 10:38 | 8.6 | 5:05 | -0.4 | 4:36 | 2.7 | 5:35 | 9:06 | ◓ |
| 12 | Tue | | | 12:21 | 6.3 | 6:04 | -0.9 | 5:39 | 2.7 | 5:36 | 9:06 | ◓ |
| 13 | Wed | | | 1:14 | 6.7 | 6:57 | -1.2 | 6:37 | 2.6 | 5:36 | 9:05 | ◓ |
| 14 | Thu | 12:27 | 8.7 | 2:01 | 6.9 | 7:45 | -1.4 | 7:31 | 2.4 | 5:37 | 9:04 | ◓ |
| 15 | Fri | 1:16 | 8.6 | 2:45 | 7.1 | 8:28 | -1.4 | 8:21 | 2.2 | 5:38 | 9:04 | ◓ |
| 16 | Sat | 2:02 | 8.3 | 3:25 | 7.2 | 9:07 | -1.2 | 9:07 | 2.0 | 5:39 | 9:03 | ◓ |
| 17 | Sun | 2:46 | 8.0 | 4:01 | 7.3 | 9:42 | -0.9 | 9:51 | 1.8 | 5:40 | 9:02 | ◓ |
| 18 | Mon | 3:29 | 7.5 | 4:35 | 7.2 | 10:15 | -0.5 | 10:33 | 1.7 | 5:41 | 9:01 | ◓ |
| 19 | Tue | 4:11 | 7.0 | 5:07 | 7.2 | 10:45 | 0.0 | 11:16 | 1.6 | 5:42 | 9:00 | ◓ |
| 20 | Wed | 4:56 | 6.5 | 5:38 | 7.2 | 11:14 | 0.5 | | | 5:43 | 8:59 | ◓ |
| 21 | Thu | 5:45 | 5.9 | 6:11 | 7.2 | 12:01 | 1.5 | 11:45 AM | 1.1 | 5:44 | 8:58 | ◓ |
| 22 | Fri | 6:42 | 5.3 | 6:47 | 7.1 | 12:51 | 1.5 | 12:22 | 1.8 | 5:45 | 8:57 | ◓ |
| 23 | Sat | 7:51 | 4.9 | 7:31 | 7.1 | 1:51 | 1.5 | 1:08 | 2.4 | 5:47 | 8:56 | ◒ |
| 24 | Sun | 9:09 | 4.8 | 8:23 | 7.2 | 2:58 | 1.3 | 2:09 | 3.0 | 5:48 | 8:55 | ◒ |
| 25 | Mon | 10:24 | 5.0 | 9:21 | 7.3 | 4:04 | 0.9 | 3:20 | 3.3 | 5:49 | 8:54 | ◒ |
| 26 | Tue | 11:28 | 5.4 | 10:20 | 7.5 | 5:04 | 0.4 | 4:27 | 3.3 | 5:50 | 8:53 | ◒ |
| 27 | Wed | | | 12:20 | 5.8 | 5:56 | -0.2 | 5:28 | 3.1 | 5:51 | 8:52 | ◑ |
| 28 | Thu | | | 1:05 | 6.2 | 6:42 | -0.7 | 6:22 | 2.8 | 5:52 | 8:51 | ◑ |
| 29 | Fri | 12:06 | 8.1 | 1:45 | 6.6 | 7:25 | -1.1 | 7:13 | 2.4 | 5:53 | 8:49 | ◑ |
| 30 | Sat | 12:55 | 8.4 | 2:23 | 7.0 | 8:06 | -1.4 | 8:02 | 1.9 | 5:55 | 8:48 | ● |
| 31 | Sun | 1:43 | 8.5 | 2:59 | 7.3 | 8:44 | -1.5 | 8:49 | 1.3 | 5:56 | 8:47 | ● |