


































Astoria (Port Docks), OR - Dec 2045

| Date | | High | | | | Low | | | |  | |  |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|---|------|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Fri | 6:51 | 7.6 | 6:34 | 6.8 | 12:13 | 0.5 | 12:59 | 2.7 | 7:38 | 4:31 |  |
| 2 | Sat | 7:43 | 8.0 | 7:58 | 6.4 | 1:10 | 1.0 | 2:14 | 2.0 | 7:39 | 4:30 |  |
| 3 | Sun | 8:33 | 8.5 | 9:17 | 6.4 | 2:09 | 1.6 | 3:22 | 1.1 | 7:40 | 4:30 |  |
| 4 | Mon | 9:20 | 8.9 | 10:27 | 6.6 | 3:06 | 2.1 | 4:22 | 0.2 | 7:41 | 4:30 |  |
| 5 | Tue | 10:06 | 9.3 | 11:27 | 7.0 | 4:00 | 2.5 | 5:15 | -0.5 | 7:42 | 4:29 |  |
| 6 | Wed | 10:50 | 9.5 | | | 4:52 | 2.9 | 6:05 | -0.9 | 7:43 | 4:29 |  |
| 7 | Thu | 12:22 | 7.2 | 11:32 AM | 9.5 | 5:42 | 3.2 | 6:51 | -1.0 | 7:44 | 4:29 |  |
| 8 | Fri | 1:11 | 7.4 | 12:13 | 9.4 | 6:30 | 3.5 | 7:34 | -1.0 | 7:45 | 4:29 |  |
| 9 | Sat | 1:58 | 7.5 | 12:53 | 9.2 | 7:16 | 3.6 | 8:15 | -0.8 | 7:46 | 4:29 |  |
| 10 | Sun | 2:42 | 7.5 | 1:33 | 8.9 | 8:01 | 3.7 | 8:53 | -0.5 | 7:47 | 4:29 |  |
| 11 | Mon | 3:24 | 7.4 | 2:12 | 8.5 | 8:45 | 3.7 | 9:29 | -0.1 | 7:48 | 4:29 |  |
| 12 | Tue | 4:05 | 7.3 | 2:53 | 8.0 | 9:28 | 3.7 | 10:03 | 0.2 | 7:49 | 4:29 |  |
| 13 | Wed | 4:43 | 7.2 | 3:36 | 7.5 | 10:13 | 3.6 | 10:36 | 0.7 | 7:50 | 4:29 |  |
| 14 | Thu | 5:21 | 7.2 | 4:24 | 6.9 | 11:03 | 3.5 | 11:11 | 1.2 | 7:50 | 4:29 |  |
| 15 | Fri | 6:00 | 7.2 | 5:23 | 6.2 | | | 12:01 | 3.3 | 7:51 | 4:30 |  |
| 16 | Sat | 6:39 | 7.3 | 6:36 | 5.7 | | | 1:06 | 3.0 | 7:52 | 4:30 |  |
| 17 | Sun | 7:20 | 7.5 | 7:57 | 5.5 | 12:37 | 2.3 | 2:13 | 2.5 | 7:53 | 4:30 |  |
| 18 | Mon | 8:02 | 7.8 | 9:16 | 5.6 | 1:31 | 2.9 | 3:15 | 1.8 | 7:53 | 4:31 |  |
| 19 | Tue | 8:46 | 8.2 | 10:25 | 5.9 | 2:29 | 3.4 | 4:10 | 1.1 | 7:54 | 4:31 |  |
| 20 | Wed | 9:30 | 8.5 | 11:24 | 6.4 | 3:27 | 3.8 | 5:01 | 0.5 | 7:54 | 4:31 |  |
| 21 | Thu | 10:15 | 8.9 | | | 4:23 | 4.0 | 5:48 | -0.1 | 7:55 | 4:32 |  |
| 22 | Fri | 12:16 | 6.8 | 11:00 AM | 9.2 | 5:17 | 4.1 | 6:34 | -0.6 | 7:55 | 4:32 |  |
| 23 | Sat | 1:03 | 7.1 | 11:47 AM | 9.5 | 6:09 | 4.0 | 7:19 | -1.0 | 7:56 | 4:33 |  |
| 24 | Sun | 1:48 | 7.4 | 12:35 | 9.7 | 7:00 | 3.9 | 8:03 | -1.2 | 7:56 | 4:34 |  |
| 25 | Mon | 2:32 | 7.6 | 1:23 | 9.6 | 7:50 | 3.6 | 8:46 | -1.2 | 7:56 | 4:34 |  |
| 26 | Tue | 3:14 | 7.8 | 2:14 | 9.4 | 8:41 | 3.2 | 9:27 | -1.1 | 7:57 | 4:35 |  |
| 27 | Wed | 3:55 | 7.9 | 3:07 | 8.9 | 9:33 | 2.9 | 10:09 | -0.6 | 7:57 | 4:36 |  |
| 28 | Thu | 4:38 | 8.1 | 4:05 | 8.2 | 10:29 | 2.6 | 10:51 | 0.0 | 7:57 | 4:36 |  |
| 29 | Fri | 5:21 | 8.3 | 5:09 | 7.3 | 11:30 | 2.3 | 11:36 | 0.8 | 7:57 | 4:37 |  |
| 30 | Sat | 6:07 | 8.5 | 6:23 | 6.6 | | | 12:39 | 1.9 | 7:57 | 4:38 |  |
| 31 | Sun | 6:55 | 8.7 | 7:41 | 6.1 | 12:27 | 1.7 | 1:52 | 1.5 | 7:57 | 4:39 |  |