


































Astoria, OR - Jul 2024

| Date | | High | | | | Low | | | |  | |  |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|---|------|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Wed | 11:16 | 6.2 | 10:48 | 8.6 | 5:05 | 0.6 | 4:38 | 2.4 | 5:27 | 9:10 |  |
| 2 | Thu | | | 12:16 | 6.6 | 5:58 | -0.1 | 5:34 | 2.5 | 5:28 | 9:10 |  |
| 3 | Fri | | | 1:10 | 7.0 | 6:49 | -0.7 | 6:29 | 2.5 | 5:29 | 9:09 |  |
| 4 | Sat | 12:24 | 9.3 | 2:00 | 7.4 | 7:37 | -1.3 | 7:22 | 2.4 | 5:29 | 9:09 |  |
| 5 | Sun | 1:13 | 9.6 | 2:48 | 7.7 | 8:24 | -1.7 | 8:15 | 2.2 | 5:30 | 9:09 |  |
| 6 | Mon | 2:02 | 9.7 | 3:35 | 7.9 | 9:10 | -1.9 | 9:07 | 2.0 | 5:31 | 9:08 |  |
| 7 | Tue | 2:52 | 9.6 | 4:21 | 8.1 | 9:55 | -1.9 | 10:00 | 1.8 | 5:32 | 9:08 |  |
| 8 | Wed | 3:44 | 9.2 | 5:07 | 8.2 | 10:40 | -1.6 | 10:53 | 1.6 | 5:32 | 9:07 |  |
| 9 | Thu | 4:39 | 8.7 | 5:54 | 8.3 | 11:25 | -1.2 | 11:50 | 1.4 | 5:33 | 9:07 |  |
| 10 | Fri | 5:37 | 8.0 | 6:42 | 8.4 | | | 12:11 | -0.5 | 5:34 | 9:06 |  |
| 11 | Sat | 6:42 | 7.3 | 7:33 | 8.4 | 12:52 | 1.3 | 1:02 | 0.2 | 5:35 | 9:06 |  |
| 12 | Sun | 7:53 | 6.7 | 8:26 | 8.4 | 2:00 | 1.1 | 1:57 | 0.9 | 5:36 | 9:05 |  |
| 13 | Mon | 9:09 | 6.3 | 9:20 | 8.5 | 3:10 | 0.8 | 2:57 | 1.5 | 5:37 | 9:04 |  |
| 14 | Tue | 10:23 | 6.3 | 10:14 | 8.6 | 4:18 | 0.4 | 3:58 | 2.0 | 5:38 | 9:04 |  |
| 15 | Wed | 11:29 | 6.5 | 11:05 | 8.7 | 5:18 | -0.1 | 4:56 | 2.2 | 5:39 | 9:03 |  |
| 16 | Thu | | | 12:27 | 6.8 | 6:12 | -0.5 | 5:50 | 2.4 | 5:40 | 9:02 |  |
| 17 | Fri | | | 1:16 | 7.1 | 6:59 | -0.8 | 6:41 | 2.4 | 5:41 | 9:01 |  |
| 18 | Sat | 12:36 | 8.7 | 2:01 | 7.3 | 7:42 | -0.9 | 7:27 | 2.4 | 5:42 | 9:00 |  |
| 19 | Sun | 1:17 | 8.6 | 2:42 | 7.4 | 8:21 | -0.9 | 8:11 | 2.4 | 5:43 | 8:59 |  |
| 20 | Mon | 1:56 | 8.5 | 3:20 | 7.4 | 8:56 | -0.8 | 8:52 | 2.3 | 5:44 | 8:58 |  |
| 21 | Tue | 2:34 | 8.3 | 3:55 | 7.4 | 9:29 | -0.7 | 9:32 | 2.2 | 5:45 | 8:58 |  |
| 22 | Wed | 3:10 | 8.1 | 4:27 | 7.4 | 9:59 | -0.5 | 10:10 | 2.1 | 5:46 | 8:57 |  |
| 23 | Thu | 3:47 | 7.8 | 4:58 | 7.4 | 10:28 | -0.3 | 10:47 | 2.0 | 5:47 | 8:55 |  |
| 24 | Fri | 4:26 | 7.4 | 5:28 | 7.4 | 10:57 | 0.0 | 11:28 | 1.9 | 5:48 | 8:54 |  |
| 25 | Sat | 5:09 | 7.0 | 6:00 | 7.5 | 11:28 | 0.4 | | | 5:49 | 8:53 |  |
| 26 | Sun | 5:59 | 6.5 | 6:36 | 7.5 | 12:13 | 1.8 | 12:05 | 0.9 | 5:50 | 8:52 |  |
| 27 | Mon | 7:01 | 6.0 | 7:20 | 7.6 | 1:08 | 1.7 | 12:50 | 1.5 | 5:51 | 8:51 |  |
| 28 | Tue | 8:17 | 5.7 | 8:12 | 7.8 | 2:15 | 1.5 | 1:47 | 2.0 | 5:53 | 8:50 |  |
| 29 | Wed | 9:38 | 5.7 | 9:10 | 8.0 | 3:26 | 1.1 | 2:54 | 2.4 | 5:54 | 8:48 |  |
| 30 | Thu | 10:52 | 6.0 | 10:10 | 8.4 | 4:32 | 0.4 | 4:04 | 2.6 | 5:55 | 8:47 |  |
| 31 | Fri | 11:55 | 6.4 | 11:09 | 8.8 | 5:32 | -0.3 | 5:10 | 2.5 | 5:56 | 8:46 |  |