


































Astoria, OR - Oct 2023

| Date | | High | | | | Low | | | |  | |  |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|---|------|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Sat | 7:54 | 6.0 | 6:52 | 7.3 | 12:58 | 0.8 | 1:07 | 3.1 | 7:14 | 6:54 |  |
| 2 | Sun | 9:04 | 6.2 | 8:11 | 7.2 | 2:12 | 0.8 | 2:29 | 3.1 | 7:15 | 6:52 |  |
| 3 | Mon | 10:06 | 6.6 | 9:32 | 7.3 | 3:26 | 0.7 | 3:47 | 2.6 | 7:17 | 6:50 |  |
| 4 | Tue | 10:59 | 7.2 | 10:43 | 7.6 | 4:29 | 0.4 | 4:52 | 1.8 | 7:18 | 6:48 |  |
| 5 | Wed | 11:44 | 7.8 | 11:46 | 8.1 | 5:22 | 0.1 | 5:49 | 0.9 | 7:19 | 6:46 |  |
| 6 | Thu | | | 12:26 | 8.4 | 6:11 | -0.1 | 6:41 | 0.1 | 7:21 | 6:44 |  |
| 7 | Fri | 12:42 | 8.4 | 1:06 | 9.0 | 6:57 | -0.1 | 7:31 | -0.7 | 7:22 | 6:43 |  |
| 8 | Sat | 1:35 | 8.6 | 1:46 | 9.4 | 7:42 | 0.0 | 8:20 | -1.2 | 7:23 | 6:41 |  |
| 9 | Sun | 2:27 | 8.6 | 2:27 | 9.6 | 8:26 | 0.3 | 9:09 | -1.5 | 7:25 | 6:39 |  |
| 10 | Mon | 3:19 | 8.4 | 3:08 | 9.6 | 9:11 | 0.7 | 9:57 | -1.5 | 7:26 | 6:37 |  |
| 11 | Tue | 4:12 | 8.1 | 3:52 | 9.4 | 9:56 | 1.2 | 10:47 | -1.2 | 7:27 | 6:35 |  |
| 12 | Wed | 5:07 | 7.8 | 4:38 | 9.0 | 10:44 | 1.7 | 11:39 | -0.7 | 7:29 | 6:33 |  |
| 13 | Thu | 6:05 | 7.4 | 5:30 | 8.4 | 11:37 | 2.2 | | | 7:30 | 6:31 |  |
| 14 | Fri | 7:08 | 7.1 | 6:30 | 7.8 | 12:36 | -0.2 | 12:39 | 2.7 | 7:31 | 6:30 |  |
| 15 | Sat | 8:13 | 7.0 | 7:41 | 7.2 | 1:40 | 0.3 | 1:51 | 2.8 | 7:33 | 6:28 |  |
| 16 | Sun | 9:18 | 7.1 | 8:58 | 6.9 | 2:47 | 0.7 | 3:06 | 2.7 | 7:34 | 6:26 |  |
| 17 | Mon | 10:16 | 7.4 | 10:10 | 6.9 | 3:50 | 0.8 | 4:15 | 2.2 | 7:35 | 6:24 |  |
| 18 | Tue | 11:05 | 7.8 | 11:11 | 7.1 | 4:45 | 0.8 | 5:13 | 1.6 | 7:37 | 6:22 |  |
| 19 | Wed | 11:47 | 8.1 | | | 5:31 | 0.8 | 6:01 | 1.0 | 7:38 | 6:21 |  |
| 20 | Thu | 12:03 | 7.3 | 12:23 | 8.3 | 6:12 | 0.9 | 6:45 | 0.5 | 7:40 | 6:19 |  |
| 21 | Fri | 12:49 | 7.5 | 12:56 | 8.5 | 6:49 | 1.1 | 7:24 | 0.1 | 7:41 | 6:17 |  |
| 22 | Sat | 1:31 | 7.6 | 1:26 | 8.6 | 7:24 | 1.4 | 8:02 | -0.2 | 7:42 | 6:16 |  |
| 23 | Sun | 2:12 | 7.6 | 1:54 | 8.6 | 7:58 | 1.6 | 8:37 | -0.3 | 7:44 | 6:14 |  |
| 24 | Mon | 2:51 | 7.6 | 2:21 | 8.7 | 8:32 | 1.9 | 9:11 | -0.3 | 7:45 | 6:12 |  |
| 25 | Tue | 3:30 | 7.5 | 2:48 | 8.7 | 9:05 | 2.2 | 9:43 | -0.3 | 7:47 | 6:11 |  |
| 26 | Wed | 4:10 | 7.3 | 3:18 | 8.6 | 9:38 | 2.5 | 10:16 | -0.2 | 7:48 | 6:09 |  |
| 27 | Thu | 4:51 | 7.1 | 3:52 | 8.5 | 10:14 | 2.8 | 10:52 | 0.0 | 7:49 | 6:07 |  |
| 28 | Fri | 5:35 | 7.0 | 4:32 | 8.3 | 10:55 | 3.0 | 11:33 | 0.2 | 7:51 | 6:06 |  |
| 29 | Sat | 6:26 | 6.8 | 5:22 | 8.0 | 11:45 | 3.2 | | | 7:52 | 6:04 |  |
| 30 | Sun | 7:23 | 6.8 | 6:25 | 7.5 | 12:24 | 0.5 | 12:50 | 3.3 | 7:54 | 6:03 |  |
| 31 | Mon | 8:24 | 7.0 | 7:45 | 7.2 | 1:28 | 0.7 | 2:09 | 3.1 | 7:55 | 6:01 |  |