































Astoria, OR - Dec 2047

| Date | | High | | | | Low | | | |  | |  |
|------|-----|-------|------|----------|------|-------|-----|-------|------|---|------|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Sun | 12:49 | 7.5 | 11:53 AM | 9.2 | 6:03 | 3.5 | 7:04 | -0.4 | 7:37 | 4:30 |  |
| 2 | Mon | 1:31 | 7.7 | 12:25 | 9.2 | 6:43 | 3.6 | 7:41 | -0.4 | 7:38 | 4:30 |  |
| 3 | Tue | 2:11 | 7.7 | 12:58 | 9.2 | 7:23 | 3.7 | 8:15 | -0.4 | 7:39 | 4:30 |  |
| 4 | Wed | 2:50 | 7.7 | 1:32 | 9.1 | 8:02 | 3.7 | 8:49 | -0.3 | 7:40 | 4:29 |  |
| 5 | Thu | 3:28 | 7.7 | 2:08 | 9.0 | 8:40 | 3.7 | 9:21 | -0.2 | 7:41 | 4:29 |  |
| 6 | Fri | 4:04 | 7.7 | 2:48 | 8.7 | 9:21 | 3.6 | 9:55 | -0.1 | 7:42 | 4:29 |  |
| 7 | Sat | 4:41 | 7.7 | 3:33 | 8.4 | 10:05 | 3.5 | 10:31 | 0.2 | 7:43 | 4:29 |  |
| 8 | Sun | 5:20 | 7.8 | 4:26 | 7.8 | 10:57 | 3.3 | 11:12 | 0.6 | 7:44 | 4:29 |  |
| 9 | Mon | 6:01 | 8.0 | 5:32 | 7.2 | 11:59 | 3.0 | | | 7:45 | 4:29 |  |
| 10 | Tue | 6:46 | 8.3 | 6:52 | 6.7 | 12:00 | 1.2 | 1:10 | 2.5 | 7:46 | 4:29 |  |
| 11 | Wed | 7:34 | 8.7 | 8:19 | 6.6 | 12:56 | 1.8 | 2:23 | 1.8 | 7:47 | 4:29 |  |
| 12 | Thu | 8:25 | 9.2 | 9:40 | 6.7 | 1:58 | 2.4 | 3:30 | 0.9 | 7:48 | 4:29 |  |
| 13 | Fri | 9:17 | 9.7 | 10:50 | 7.1 | 3:02 | 2.8 | 4:30 | 0.0 | 7:49 | 4:29 |  |
| 14 | Sat | 10:09 | 10.1 | 11:51 | 7.6 | 4:03 | 3.1 | 5:26 | -0.7 | 7:50 | 4:29 |  |
| 15 | Sun | 11:01 | 10.5 | | | 5:02 | 3.2 | 6:20 | -1.2 | 7:50 | 4:29 |  |
| 16 | Mon | 12:46 | 7.9 | 11:52 AM | 10.6 | 5:59 | 3.3 | 7:11 | -1.5 | 7:51 | 4:29 |  |
| 17 | Tue | 1:38 | 8.2 | 12:43 | 10.6 | 6:55 | 3.2 | 7:59 | -1.5 | 7:52 | 4:30 |  |
| 18 | Wed | 2:27 | 8.4 | 1:34 | 10.3 | 7:49 | 3.1 | 8:45 | -1.3 | 7:53 | 4:30 |  |
| 19 | Thu | 3:14 | 8.5 | 2:24 | 9.9 | 8:42 | 2.9 | 9:28 | -1.0 | 7:53 | 4:30 |  |
| 20 | Fri | 4:00 | 8.6 | 3:16 | 9.2 | 9:35 | 2.8 | 10:10 | -0.4 | 7:54 | 4:31 |  |
| 21 | Sat | 4:44 | 8.6 | 4:09 | 8.4 | 10:29 | 2.7 | 10:51 | 0.3 | 7:54 | 4:31 |  |
| 22 | Sun | 5:28 | 8.5 | 5:07 | 7.6 | 11:26 | 2.6 | 11:32 | 1.1 | 7:55 | 4:32 |  |
| 23 | Mon | 6:12 | 8.5 | 6:12 | 6.8 | | | 12:29 | 2.5 | 7:55 | 4:32 |  |
| 24 | Tue | 6:57 | 8.5 | 7:26 | 6.3 | 12:17 | 1.9 | 1:36 | 2.2 | 7:56 | 4:33 |  |
| 25 | Wed | 7:44 | 8.5 | 8:44 | 6.2 | 1:08 | 2.7 | 2:43 | 1.8 | 7:56 | 4:34 |  |
| 26 | Thu | 8:31 | 8.6 | 9:56 | 6.4 | 2:04 | 3.3 | 3:44 | 1.3 | 7:56 | 4:34 |  |
| 27 | Fri | 9:18 | 8.7 | 10:58 | 6.8 | 3:03 | 3.7 | 4:37 | 0.8 | 7:56 | 4:35 |  |
| 28 | Sat | 10:04 | 8.9 | 11:50 | 7.2 | 3:59 | 4.0 | 5:24 | 0.4 | 7:57 | 4:36 |  |
| 29 | Sun | 10:47 | 9.0 | | | 4:51 | 4.0 | 6:07 | 0.1 | 7:57 | 4:36 | |
| 30 | Mon | 12:35 | 7.5 | 11:27 AM | 9.2 | 5:40 | 4.0 | 6:46 | -0.2 | 7:57 | 4:37 | |
| 31 | Tue | 1:16 | 7.8 | 12:06 | 9.3 | 6:25 | 3.9 | 7:21 | -0.3 | 7:57 | 4:38 | |