


































Astoria, OR - Dec 2059

| Date | | High | | | | Low | | | |  | |  |
|------|-----|-------|------|----------|------|-------|-----|-------|------|---|------|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Mon | 10:32 | 8.7 | 11:33 | 7.0 | 4:18 | 2.5 | 5:21 | 0.7 | 7:37 | 4:30 |  |
| 2 | Tue | 11:04 | 9.0 | | | 4:59 | 2.8 | 6:02 | 0.2 | 7:38 | 4:30 |  |
| 3 | Wed | 12:21 | 7.3 | 11:35 AM | 9.3 | 5:40 | 3.1 | 6:41 | -0.2 | 7:39 | 4:30 |  |
| 4 | Thu | 1:07 | 7.5 | 12:06 | 9.5 | 6:20 | 3.4 | 7:19 | -0.5 | 7:40 | 4:29 |  |
| 5 | Fri | 1:51 | 7.6 | 12:40 | 9.6 | 7:01 | 3.6 | 7:58 | -0.7 | 7:41 | 4:29 |  |
| 6 | Sat | 2:35 | 7.7 | 1:16 | 9.7 | 7:42 | 3.8 | 8:37 | -0.7 | 7:42 | 4:29 |  |
| 7 | Sun | 3:19 | 7.7 | 1:57 | 9.7 | 8:25 | 3.9 | 9:17 | -0.7 | 7:43 | 4:29 |  |
| 8 | Mon | 4:03 | 7.6 | 2:42 | 9.5 | 9:10 | 3.9 | 10:00 | -0.5 | 7:44 | 4:29 |  |
| 9 | Tue | 4:50 | 7.6 | 3:33 | 9.0 | 10:01 | 3.8 | 10:46 | -0.2 | 7:45 | 4:29 |  |
| 10 | Wed | 5:38 | 7.7 | 4:33 | 8.5 | 11:01 | 3.7 | 11:37 | 0.2 | 7:46 | 4:28 |  |
| 11 | Thu | 6:29 | 7.8 | 5:45 | 7.8 | | | 12:12 | 3.4 | 7:47 | 4:29 |  |
| 12 | Fri | 7:20 | 8.2 | 7:07 | 7.2 | 12:33 | 0.7 | 1:29 | 2.8 | 7:48 | 4:29 |  |
| 13 | Sat | 8:11 | 8.6 | 8:31 | 7.0 | 1:33 | 1.2 | 2:43 | 1.9 | 7:49 | 4:29 |  |
| 14 | Sun | 9:01 | 9.1 | 9:48 | 7.1 | 2:32 | 1.7 | 3:48 | 0.9 | 7:50 | 4:29 |  |
| 15 | Mon | 9:48 | 9.6 | 10:56 | 7.4 | 3:29 | 2.1 | 4:46 | 0.0 | 7:51 | 4:29 |  |
| 16 | Tue | 10:34 | 10.0 | 11:55 | 7.7 | 4:23 | 2.5 | 5:39 | -0.7 | 7:51 | 4:29 |  |
| 17 | Wed | 11:18 | 10.2 | | | 5:16 | 2.9 | 6:29 | -1.1 | 7:52 | 4:30 |  |
| 18 | Thu | 12:50 | 8.0 | 12:01 | 10.3 | 6:07 | 3.2 | 7:16 | -1.2 | 7:53 | 4:30 |  |
| 19 | Fri | 1:40 | 8.2 | 12:44 | 10.1 | 6:56 | 3.4 | 8:00 | -1.1 | 7:53 | 4:30 |  |
| 20 | Sat | 2:28 | 8.2 | 1:26 | 9.9 | 7:44 | 3.6 | 8:43 | -0.9 | 7:54 | 4:31 |  |
| 21 | Sun | 3:14 | 8.2 | 2:08 | 9.5 | 8:31 | 3.6 | 9:23 | -0.5 | 7:54 | 4:31 |  |
| 22 | Mon | 3:58 | 8.1 | 2:50 | 9.0 | 9:17 | 3.7 | 10:00 | -0.1 | 7:55 | 4:32 |  |
| 23 | Tue | 4:40 | 8.0 | 3:34 | 8.4 | 10:03 | 3.7 | 10:37 | 0.4 | 7:55 | 4:32 |  |
| 24 | Wed | 5:21 | 7.9 | 4:22 | 7.7 | 10:52 | 3.6 | 11:14 | 1.0 | 7:56 | 4:33 |  |
| 25 | Thu | 6:03 | 7.8 | 5:19 | 7.0 | 11:48 | 3.5 | 11:54 | 1.5 | 7:56 | 4:34 |  |
| 26 | Fri | 6:44 | 7.8 | 6:27 | 6.4 | | | 12:52 | 3.3 | 7:56 | 4:34 |  |
| 27 | Sat | 7:27 | 8.0 | 7:45 | 6.1 | 12:40 | 2.1 | 2:00 | 2.8 | 7:56 | 4:35 |  |
| 28 | Sun | 8:10 | 8.2 | 9:04 | 6.1 | 1:31 | 2.7 | 3:04 | 2.2 | 7:57 | 4:36 |  |
| 29 | Mon | 8:53 | 8.4 | 10:15 | 6.3 | 2:27 | 3.1 | 4:00 | 1.6 | 7:57 | 4:37 |  |
| 30 | Tue | 9:34 | 8.8 | 11:15 | 6.8 | 3:23 | 3.5 | 4:50 | 0.9 | 7:57 | 4:37 |  |
| 31 | Wed | 10:16 | 9.1 | | | 4:16 | 3.8 | 5:37 | 0.2 | 7:57 | 4:38 |  |