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# Astoria, OR - Jul 1813

| Date | | High | | | | Low | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Thu | 2:46 | 9.0 | 4:16 | 8.0 | 9:46 | -1.3 | 9:54 | 2.2 | 4:33 | 8:17 | |
| 2 | Fri | 3:36 | 8.4 | 5:01 | 7.9 | 10:29 | -0.8 | 10:47 | 2.2 | 4:34 | 8:17 | |
| 3 | Sat | 4:29 | 7.7 | 5:47 | 7.8 | 11:11 | -0.2 | 11:44 | 2.2 | 4:34 | 8:16 | |
| 4 | Sun | 5:27 | 6.9 | 6:33 | 7.7 | 11:56 | 0.5 | | | 4:35 | 8:16 | |
| 5 | Mon | 6:31 | 6.3 | 7:20 | 7.7 | 12:46 | 2.1 | 12:44 | 1.2 | 4:36 | 8:16 | |
| 6 | Tue | 7:42 | 5.9 | 8:08 | 7.8 | 1:51 | 1.8 | 1:36 | 1.7 | 4:37 | 8:15 | |
| 7 | Wed | 8:54 | 5.8 | 8:54 | 7.9 | 2:55 | 1.4 | 2:31 | 2.2 | 4:37 | 8:15 | |
| 8 | Thu | 10:01 | 6.0 | 9:39 | 8.1 | 3:52 | 0.8 | 3:25 | 2.5 | 4:38 | 8:14 | |
| 9 | Fri | 10:59 | 6.3 | 10:22 | 8.3 | 4:43 | 0.3 | 4:16 | 2.7 | 4:39 | 8:14 | |
| 10 | Sat | 11:50 | 6.6 | 11:02 | 8.4 | 5:29 | -0.1 | 5:05 | 2.8 | 4:40 | 8:13 | |
| 11 | Sun | | | 12:35 | 6.9 | 6:11 | -0.4 | 5:52 | 2.8 | 4:41 | 8:13 | |
| 12 | Mon | | | 1:18 | 7.1 | 6:51 | -0.7 | 6:36 | 2.8 | 4:41 | 8:12 | |
| 13 | Tue | 12:19 | 8.6 | 1:57 | 7.2 | 7:29 | -0.9 | 7:19 | 2.7 | 4:42 | 8:12 | |
| 14 | Wed | 12:57 | 8.7 | 2:35 | 7.3 | 8:05 | -1.0 | 8:01 | 2.6 | 4:43 | 8:11 | |
| 15 | Thu | 1:36 | 8.7 | 3:10 | 7.4 | 8:39 | -1.1 | 8:42 | 2.4 | 4:44 | 8:10 | |
| 16 | Fri | 2:17 | 8.6 | 3:45 | 7.5 | 9:13 | -1.0 | 9:24 | 2.2 | 4:45 | 8:09 | |
| 17 | Sat | 3:00 | 8.3 | 4:21 | 7.6 | 9:48 | -0.8 | 10:09 | 1.9 | 4:46 | 8:09 | |
| 18 | Sun | 3:49 | 7.9 | 4:59 | 7.8 | 10:25 | -0.5 | 11:00 | 1.7 | 4:47 | 8:08 | |
| 19 | Mon | 4:44 | 7.4 | 5:41 | 7.9 | 11:07 | 0.0 | | | 4:48 | 8:07 | |
| 20 | Tue | 5:50 | 6.8 | 6:30 | 8.1 | 12:01 | 1.5 | 11:57 AM | 0.7 | 4:49 | 8:06 | |
| 21 | Wed | 7:07 | 6.3 | 7:24 | 8.4 | 1:11 | 1.2 | 12:55 | 1.3 | 4:50 | 8:05 | |
| 22 | Thu | 8:29 | 6.1 | 8:22 | 8.6 | 2:25 | 0.6 | 2:01 | 1.8 | 4:51 | 8:04 | |
| 23 | Fri | 9:46 | 6.3 | 9:21 | 8.9 | 3:34 | 0.0 | 3:09 | 2.1 | 4:52 | 8:03 | |
| 24 | Sat | 10:53 | 6.7 | 10:19 | 9.2 | 4:36 | -0.7 | 4:14 | 2.2 | 4:54 | 8:02 | |
| 25 | Sun | 11:52 | 7.2 | 11:14 | 9.4 | 5:33 | -1.2 | 5:15 | 2.2 | 4:55 | 8:01 | |
| 26 | Mon | | | 12:44 | 7.5 | 6:25 | -1.6 | 6:12 | 2.0 | 4:56 | 8:00 | |
| 27 | Tue | 12:06 | 9.4 | 1:32 | 7.8 | 7:13 | -1.7 | 7:06 | 1.8 | 4:57 | 7:59 | |
| 28 | Wed | 12:56 | 9.3 | 2:17 | 7.9 | 7:58 | -1.7 | 7:57 | 1.7 | 4:58 | 7:57 | |
| 29 | Thu | 1:45 | 9.0 | 3:00 | 8.0 | 8:40 | -1.5 | 8:45 | 1.5 | 4:59 | 7:56 | |
| 30 | Fri | 2:32 | 8.6 | 3:41 | 8.0 | 9:19 | -1.1 | 9:31 | 1.4 | 5:00 | 7:55 | |
| 31 | Sat | 3:19 | 8.0 | 4:19 | 7.9 | 9:55 | -0.6 | 10:18 | 1.4 | 5:02 | 7:54 | |