

































Astoria (Port Docks), OR - Jan 1993

| Date | | High | | | | Low | | | |  | |  |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|---|------|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Fri | 6:31 | 7.8 | 7:25 | 5.5 | | | 1:34 | 2.4 | 7:58 | 4:40 |  |
| 2 | Sat | 7:18 | 8.0 | 8:46 | 5.6 | 12:47 | 3.1 | 2:42 | 1.9 | 7:58 | 4:41 |  |
| 3 | Sun | 8:10 | 8.2 | 9:59 | 5.9 | 1:53 | 3.6 | 3:43 | 1.3 | 7:57 | 4:42 |  |
| 4 | Mon | 9:03 | 8.5 | 10:59 | 6.4 | 3:00 | 3.8 | 4:38 | 0.7 | 7:57 | 4:43 |  |
| 5 | Tue | 9:56 | 8.9 | 11:50 | 6.9 | 4:03 | 3.9 | 5:27 | 0.0 | 7:57 | 4:44 |  |
| 6 | Wed | 10:47 | 9.2 | | | 5:00 | 3.8 | 6:13 | -0.5 | 7:57 | 4:45 |  |
| 7 | Thu | 12:36 | 7.3 | 11:37 AM | 9.5 | 5:54 | 3.5 | 6:58 | -0.9 | 7:57 | 4:46 |  |
| 8 | Fri | 1:19 | 7.7 | 12:25 | 9.7 | 6:45 | 3.1 | 7:40 | -1.2 | 7:56 | 4:47 |  |
| 9 | Sat | 2:00 | 8.0 | 1:14 | 9.7 | 7:36 | 2.7 | 8:21 | -1.2 | 7:56 | 4:48 |  |
| 10 | Sun | 2:40 | 8.3 | 2:04 | 9.4 | 8:25 | 2.3 | 9:00 | -1.0 | 7:56 | 4:50 |  |
| 11 | Mon | 3:20 | 8.6 | 2:55 | 9.0 | 9:15 | 1.9 | 9:40 | -0.6 | 7:55 | 4:51 |  |
| 12 | Tue | 4:00 | 8.8 | 3:50 | 8.3 | 10:08 | 1.7 | 10:21 | 0.1 | 7:55 | 4:52 |  |
| 13 | Wed | 4:42 | 8.9 | 4:50 | 7.5 | 11:04 | 1.5 | 11:04 | 0.9 | 7:54 | 4:53 |  |
| 14 | Thu | 5:28 | 9.0 | 5:59 | 6.7 | | | 12:08 | 1.4 | 7:54 | 4:55 |  |
| 15 | Fri | 6:18 | 8.9 | 7:17 | 6.2 | | | 1:19 | 1.3 | 7:53 | 4:56 |  |
| 16 | Sat | 7:14 | 8.8 | 8:39 | 6.1 | 12:53 | 2.7 | 2:33 | 1.1 | 7:53 | 4:57 |  |
| 17 | Sun | 8:14 | 8.8 | 9:55 | 6.4 | 2:02 | 3.3 | 3:42 | 0.6 | 7:52 | 4:59 |  |
| 18 | Mon | 9:15 | 8.8 | 10:58 | 6.8 | 3:12 | 3.6 | 4:43 | 0.2 | 7:51 | 5:00 |  |
| 19 | Tue | 10:12 | 8.8 | 11:51 | 7.2 | 4:16 | 3.6 | 5:35 | -0.1 | 7:50 | 5:01 |  |
| 20 | Wed | 11:03 | 8.9 | | | 5:14 | 3.4 | 6:20 | -0.3 | 7:50 | 5:03 |  |
| 21 | Thu | 12:36 | 7.5 | 11:50 AM | 8.8 | 6:05 | 3.2 | 7:00 | -0.4 | 7:49 | 5:04 |  |
| 22 | Fri | 1:16 | 7.8 | 12:33 | 8.7 | 6:52 | 3.0 | 7:35 | -0.3 | 7:48 | 5:06 |  |
| 23 | Sat | 1:52 | 7.9 | 1:12 | 8.5 | 7:34 | 2.7 | 8:07 | -0.1 | 7:47 | 5:07 |  |
| 24 | Sun | 2:25 | 7.9 | 1:51 | 8.3 | 8:14 | 2.5 | 8:36 | 0.1 | 7:46 | 5:08 |  |
| 25 | Mon | 2:55 | 8.0 | 2:28 | 7.9 | 8:52 | 2.3 | 9:03 | 0.5 | 7:45 | 5:10 |  |
| 26 | Tue | 3:23 | 8.0 | 3:06 | 7.5 | 9:29 | 2.2 | 9:29 | 0.9 | 7:44 | 5:11 |  |
| 27 | Wed | 3:49 | 8.1 | 3:47 | 7.0 | 10:06 | 2.1 | 9:56 | 1.3 | 7:43 | 5:13 |  |
| 28 | Thu | 4:15 | 8.1 | 4:33 | 6.5 | 10:47 | 2.1 | 10:26 | 1.9 | 7:42 | 5:14 |  |
| 29 | Fri | 4:46 | 8.1 | 5:30 | 5.9 | 11:35 | 2.1 | 11:02 | 2.6 | 7:41 | 5:16 |  |
| 30 | Sat | 5:23 | 8.1 | 6:43 | 5.5 | | | 12:35 | 2.0 | 7:40 | 5:17 |  |
| 31 | Sun | 6:10 | 8.1 | 8:07 | 5.4 | | | 1:49 | 1.8 | 7:38 | 5:19 |  |