


































Astoria (Port Docks), OR - Oct 1991

| Date | | High | | | | Low | | | |  | |  |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|---|------|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Tue | 8:30 | 5.6 | 7:27 | 7.2 | 1:50 | 0.2 | 1:42 | 3.3 | 7:13 | 6:56 |  |
| 2 | Wed | 9:39 | 6.0 | 8:55 | 7.0 | 3:08 | 0.2 | 3:11 | 2.9 | 7:15 | 6:54 |  |
| 3 | Thu | 10:37 | 6.6 | 10:15 | 7.2 | 4:15 | 0.0 | 4:26 | 2.2 | 7:16 | 6:52 |  |
| 4 | Fri | 11:26 | 7.2 | 11:22 | 7.4 | 5:10 | -0.2 | 5:29 | 1.2 | 7:17 | 6:50 |  |
| 5 | Sat | | | 12:08 | 7.8 | 5:58 | -0.2 | 6:23 | 0.3 | 7:18 | 6:48 |  |
| 6 | Sun | 12:19 | 7.6 | 12:46 | 8.3 | 6:41 | -0.1 | 7:12 | -0.4 | 7:20 | 6:46 |  |
| 7 | Mon | 1:11 | 7.6 | 1:22 | 8.5 | 7:22 | 0.3 | 7:58 | -0.9 | 7:21 | 6:45 |  |
| 8 | Tue | 2:00 | 7.5 | 1:56 | 8.6 | 8:01 | 0.7 | 8:42 | -1.1 | 7:22 | 6:43 |  |
| 9 | Wed | 2:48 | 7.3 | 2:29 | 8.6 | 8:38 | 1.3 | 9:23 | -1.0 | 7:24 | 6:41 |  |
| 10 | Thu | 3:34 | 7.1 | 3:01 | 8.4 | 9:15 | 1.8 | 10:03 | -0.8 | 7:25 | 6:39 |  |
| 11 | Fri | 4:21 | 6.7 | 3:33 | 8.1 | 9:52 | 2.4 | 10:42 | -0.4 | 7:26 | 6:37 |  |
| 12 | Sat | 5:09 | 6.4 | 4:07 | 7.8 | 10:30 | 2.8 | 11:24 | 0.1 | 7:28 | 6:35 |  |
| 13 | Sun | 6:01 | 6.0 | 4:46 | 7.3 | 11:12 | 3.3 | | | 7:29 | 6:33 |  |
| 14 | Mon | 6:59 | 5.8 | 5:34 | 6.8 | 12:10 | 0.6 | 12:04 | 3.6 | 7:30 | 6:31 |  |
| 15 | Tue | 8:01 | 5.7 | 6:39 | 6.3 | 1:07 | 1.0 | 1:13 | 3.7 | 7:32 | 6:30 |  |
| 16 | Wed | 9:02 | 5.8 | 7:58 | 6.0 | 2:12 | 1.2 | 2:31 | 3.5 | 7:33 | 6:28 |  |
| 17 | Thu | 9:56 | 6.1 | 9:18 | 5.9 | 3:16 | 1.2 | 3:43 | 3.0 | 7:35 | 6:26 |  |
| 18 | Fri | 10:40 | 6.5 | 10:26 | 6.1 | 4:10 | 1.2 | 4:42 | 2.3 | 7:36 | 6:24 |  |
| 19 | Sat | 11:18 | 7.0 | 11:23 | 6.4 | 4:56 | 1.1 | 5:32 | 1.5 | 7:37 | 6:23 |  |
| 20 | Sun | 11:50 | 7.5 | | | 5:37 | 1.1 | 6:17 | 0.7 | 7:39 | 6:21 |  |
| 21 | Mon | 12:14 | 6.7 | 12:21 | 7.9 | 6:16 | 1.2 | 6:59 | 0.0 | 7:40 | 6:19 |  |
| 22 | Tue | 1:01 | 7.0 | 12:51 | 8.3 | 6:53 | 1.4 | 7:40 | -0.5 | 7:42 | 6:17 |  |
| 23 | Wed | 1:48 | 7.1 | 1:21 | 8.7 | 7:31 | 1.8 | 8:21 | -0.9 | 7:43 | 6:16 |  |
| 24 | Thu | 2:34 | 7.2 | 1:55 | 9.0 | 8:10 | 2.1 | 9:03 | -1.2 | 7:44 | 6:14 |  |
| 25 | Fri | 3:21 | 7.1 | 2:31 | 9.1 | 8:50 | 2.4 | 9:46 | -1.2 | 7:46 | 6:12 |  |
| 26 | Sat | 4:11 | 6.9 | 3:13 | 9.1 | 9:33 | 2.7 | 10:33 | -1.0 | 7:47 | 6:11 |  |
| 27 | Sun | 4:04 | 6.7 | 2:59 | 8.8 | 9:20 | 3.0 | 10:24 | -0.7 | 6:49 | 5:09 |  |
| 28 | Mon | 5:01 | 6.5 | 3:54 | 8.3 | 10:16 | 3.2 | 11:22 | -0.3 | 6:50 | 5:08 |  |
| 29 | Tue | 6:03 | 6.5 | 5:02 | 7.6 | 11:25 | 3.3 | | | 6:51 | 5:06 |  |
| 30 | Wed | 7:07 | 6.6 | 6:22 | 7.0 | 12:28 | 0.1 | 12:46 | 3.1 | 6:53 | 5:04 |  |
| 31 | Thu | 8:07 | 7.0 | 7:48 | 6.7 | 1:35 | 0.4 | 2:07 | 2.5 | 6:54 | 5:03 |  |