




























## Astoria (Port Docks), OR - Nov 2049

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|---|------|---|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise  | Set  | Moon  |
| 1    | Mon | 6:38  | 6.7 | 5:43     | 7.7 |       |     | 12:07 | 3.1  | 7:57  | 6:00 |    |
| 2    | Tue | 7:38  | 6.8 | 6:58     | 7.2 | 12:56 | 0.1 | 1:23  | 2.9  | 7:58  | 5:59 |    |
| 3    | Wed | 8:39  | 7.1 | 8:21     | 6.8 | 2:02  | 0.5 | 2:43  | 2.5  | 8:00  | 5:57 |    |
| 4    | Thu | 9:35  | 7.6 | 9:42     | 6.7 | 3:08  | 0.8 | 3:56  | 1.7  | 8:01  | 5:56 |    |
| 5    | Fri | 10:27 | 8.1 | 10:53    | 6.9 | 4:07  | 1.0 | 4:59  | 0.8  | 8:03  | 5:54 |    |
| 6    | Sat | 11:13 | 8.6 | 11:55    | 7.2 | 5:01  | 1.1 | 5:55  | -0.1 | 8:04  | 5:53 |    |
| 7    | Sun | 10:56 | 9.0 | 11:50    | 7.4 | 4:50  | 1.4 | 5:45  | -0.7 | 7:06  | 4:52 |    |
| 8    | Mon | 11:36 | 9.2 |          |     | 5:37  | 1.7 | 6:32  | -1.1 | 7:07  | 4:50 |    |
| 9    | Tue | 12:40 | 7.5 | 12:14    | 9.2 | 6:21  | 2.0 | 7:17  | -1.2 | 7:08  | 4:49 |    |
| 10   | Wed | 1:28  | 7.6 | 12:51    | 9.1 | 7:05  | 2.4 | 7:59  | -1.1 | 7:10  | 4:48 |    |
| 11   | Thu | 2:14  | 7.5 | 1:28     | 8.8 | 7:47  | 2.7 | 8:39  | -0.8 | 7:11  | 4:47 |    |
| 12   | Fri | 3:00  | 7.3 | 2:04     | 8.5 | 8:28  | 2.9 | 9:17  | -0.5 | 7:13  | 4:46 |   |
| 13   | Sat | 3:44  | 7.2 | 2:41     | 8.1 | 9:10  | 3.2 | 9:55  | 0.0  | 7:14  | 4:44 |  |
| 14   | Sun | 4:29  | 7.0 | 3:21     | 7.6 | 9:54  | 3.3 | 10:33 | 0.4  | 7:16  | 4:43 |  |
| 15   | Mon | 5:14  | 6.8 | 4:07     | 7.0 | 10:43 | 3.5 | 11:15 | 0.9  | 7:17  | 4:42 |  |
| 16   | Tue | 6:02  | 6.7 | 5:04     | 6.5 | 11:40 | 3.5 |       |      | 7:18  | 4:41 |  |
| 17   | Wed | 6:51  | 6.8 | 6:14     | 6.0 | 12:02 | 1.3 | 12:48 | 3.3  | 7:20  | 4:40 |  |
| 18   | Thu | 7:40  | 6.9 | 7:33     | 5.7 | 12:56 | 1.7 | 1:58  | 2.9  | 7:21  | 4:39 |  |
| 19   | Fri | 8:26  | 7.3 | 8:49     | 5.8 | 1:53  | 2.0 | 3:01  | 2.2  | 7:22  | 4:38 |  |
| 20   | Sat | 9:10  | 7.7 | 9:56     | 6.0 | 2:48  | 2.3 | 3:56  | 1.5  | 7:24  | 4:38 |  |
| 21   | Sun | 9:49  | 8.1 | 10:53    | 6.4 | 3:39  | 2.4 | 4:45  | 0.8  | 7:25  | 4:37 |  |
| 22   | Mon | 10:27 | 8.5 | 11:44    | 6.8 | 4:27  | 2.6 | 5:30  | 0.1  | 7:27  | 4:36 |  |
| 23   | Tue | 11:05 | 8.9 |          |     | 5:13  | 2.8 | 6:14  | -0.4 | 7:28  | 4:35 |  |
| 24   | Wed | 12:32 | 7.1 | 11:43 AM | 9.2 | 5:58  | 2.9 | 6:57  | -0.9 | 7:29  | 4:34 |  |
| 25   | Thu | 1:19  | 7.3 | 12:24    | 9.5 | 6:44  | 3.0 | 7:40  | -1.1 | 7:30  | 4:34 |  |
| 26   | Fri | 2:05  | 7.5 | 1:07     | 9.5 | 7:30  | 3.0 | 8:24  | -1.2 | 7:32  | 4:33 |  |
| 27   | Sat | 2:51  | 7.6 | 1:52     | 9.4 | 8:18  | 3.0 | 9:08  | -1.1 | 7:33  | 4:33 |  |
| 28   | Sun | 3:37  | 7.6 | 2:42     | 9.1 | 9:08  | 2.9 | 9:52  | -0.9 | 7:34  | 4:32 |  |
| 29   | Mon | 4:25  | 7.6 | 3:36     | 8.6 | 10:03 | 2.9 | 10:40 | -0.4 | 7:35  | 4:32 |  |
| 30   | Tue | 5:15  | 7.7 | 4:38     | 7.9 | 11:04 | 2.7 | 11:31 | 0.2  | 7:37  | 4:31 |  |