

## Astoria (Port Docks), OR - Jul 1879

| Date |     | High  |     |       |     | Low   |      |          |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue | 11:30 | 6.2 | 10:36 | 9.1 | 5:09  | -1.0 | 4:41     | 2.9 | 4:34                                                                                | 8:17 |    |
| 2    | Wed |       |     | 12:26 | 6.6 | 6:05  | -1.5 | 5:42     | 2.9 | 4:35                                                                                | 8:17 |    |
| 3    | Thu |       |     | 1:17  | 6.9 | 6:56  | -1.7 | 6:39     | 2.7 | 4:35                                                                                | 8:17 |    |
| 4    | Fri | 12:23 | 9.1 | 2:04  | 7.2 | 7:44  | -1.7 | 7:34     | 2.5 | 4:36                                                                                | 8:16 |    |
| 5    | Sat | 1:14  | 8.8 | 2:49  | 7.3 | 8:28  | -1.6 | 8:25     | 2.2 | 4:36                                                                                | 8:16 |    |
| 6    | Sun | 2:03  | 8.4 | 3:30  | 7.4 | 9:08  | -1.3 | 9:15     | 2.0 | 4:37                                                                                | 8:16 |    |
| 7    | Mon | 2:51  | 7.8 | 4:10  | 7.4 | 9:45  | -0.8 | 10:03    | 1.8 | 4:38                                                                                | 8:15 |    |
| 8    | Tue | 3:40  | 7.2 | 4:47  | 7.4 | 10:20 | -0.2 | 10:53    | 1.7 | 4:39                                                                                | 8:15 |    |
| 9    | Wed | 4:32  | 6.5 | 5:24  | 7.3 | 10:54 | 0.5  | 11:46    | 1.7 | 4:40                                                                                | 8:14 |    |
| 10   | Thu | 5:28  | 5.8 | 6:02  | 7.3 | 11:31 | 1.2  |          |     | 4:40                                                                                | 8:14 |    |
| 11   | Fri | 6:34  | 5.2 | 6:43  | 7.2 | 12:45 | 1.5  | 12:13    | 2.0 | 4:41                                                                                | 8:13 |    |
| 12   | Sat | 7:47  | 4.9 | 7:28  | 7.2 | 1:49  | 1.3  | 1:04     | 2.7 | 4:42                                                                                | 8:13 |   |
| 13   | Sun | 9:03  | 5.0 | 8:17  | 7.3 | 2:53  | 1.0  | 2:05     | 3.2 | 4:43                                                                                | 8:12 |  |
| 14   | Mon | 10:11 | 5.3 | 9:09  | 7.4 | 3:52  | 0.6  | 3:08     | 3.4 | 4:44                                                                                | 8:11 |  |
| 15   | Tue | 11:08 | 5.7 | 9:59  | 7.6 | 4:45  | 0.1  | 4:07     | 3.5 | 4:45                                                                                | 8:10 |  |
| 16   | Wed | 11:57 | 6.0 | 10:46 | 7.8 | 5:32  | -0.3 | 5:01     | 3.4 | 4:46                                                                                | 8:10 |  |
| 17   | Thu |       |     | 12:40 | 6.3 | 6:15  | -0.7 | 5:51     | 3.2 | 4:47                                                                                | 8:09 |  |
| 18   | Fri |       |     | 1:18  | 6.6 | 6:55  | -1.0 | 6:38     | 2.9 | 4:48                                                                                | 8:08 |  |
| 19   | Sat | 12:14 | 8.2 | 1:54  | 6.8 | 7:31  | -1.2 | 7:22     | 2.5 | 4:49                                                                                | 8:07 |  |
| 20   | Sun | 12:56 | 8.2 | 2:27  | 7.0 | 8:06  | -1.3 | 8:05     | 2.1 | 4:50                                                                                | 8:06 |  |
| 21   | Mon | 1:39  | 8.1 | 2:59  | 7.2 | 8:40  | -1.2 | 8:48     | 1.7 | 4:51                                                                                | 8:05 |  |
| 22   | Tue | 2:24  | 7.9 | 3:31  | 7.4 | 9:12  | -1.0 | 9:32     | 1.3 | 4:52                                                                                | 8:04 |  |
| 23   | Wed | 3:12  | 7.4 | 4:04  | 7.7 | 9:46  | -0.5 | 10:20    | 1.0 | 4:53                                                                                | 8:03 |  |
| 24   | Thu | 4:05  | 6.8 | 4:41  | 8.0 | 10:22 | 0.1  | 11:14    | 0.8 | 4:54                                                                                | 8:02 |  |
| 25   | Fri | 5:06  | 6.1 | 5:23  | 8.1 | 11:02 | 0.9  |          |     | 4:55                                                                                | 8:01 |  |
| 26   | Sat | 6:19  | 5.5 | 6:13  | 8.2 | 12:18 | 0.6  | 11:52 AM | 1.7 | 4:56                                                                                | 8:00 |  |
| 27   | Sun | 7:42  | 5.2 | 7:12  | 8.2 | 1:32  | 0.4  | 12:55    | 2.5 | 4:58                                                                                | 7:59 |  |
| 28   | Mon | 9:07  | 5.3 | 8:17  | 8.3 | 2:49  | 0.0  | 2:11     | 3.0 | 4:59                                                                                | 7:58 |  |
| 29   | Tue | 10:20 | 5.7 | 9:25  | 8.4 | 3:59  | -0.5 | 3:27     | 3.0 | 5:00                                                                                | 7:56 |  |
| 30   | Wed | 11:21 | 6.2 | 10:28 | 8.5 | 5:00  | -0.9 | 4:35     | 2.8 | 5:01                                                                                | 7:55 |  |
| 31   | Thu |       |     | 12:12 | 6.6 | 5:54  | -1.3 | 5:36     | 2.5 | 5:02                                                                                | 7:54 |  |