

## Astoria (Port Docks), OR - Jun 1859

| Date |     | High  |     |       |     | Low   |      |       |     |  |      |  |
|------|-----|-------|-----|-------|-----|-------|------|-------|-----|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                |
| 1    | Wed | 12:00 | 9.1 | 1:55  | 6.8 | 7:28  | -1.5 | 7:07  | 3.2 | 4:34                                                                                | 8:05 | ☀                                                                                   |
| 2    | Thu | 12:46 | 9.3 | 2:44  | 6.9 | 8:16  | -1.7 | 7:58  | 3.2 | 4:33                                                                                | 8:06 | ☀                                                                                   |
| 3    | Fri | 1:34  | 9.2 | 3:34  | 7.0 | 9:03  | -1.7 | 8:51  | 3.0 | 4:33                                                                                | 8:07 | ☀                                                                                   |
| 4    | Sat | 2:26  | 9.0 | 4:22  | 7.1 | 9:50  | -1.5 | 9:47  | 2.9 | 4:32                                                                                | 8:08 | ☀                                                                                   |
| 5    | Sun | 3:21  | 8.5 | 5:12  | 7.2 | 10:38 | -1.2 | 10:47 | 2.7 | 4:32                                                                                | 8:09 | ☀                                                                                   |
| 6    | Mon | 4:22  | 7.8 | 6:01  | 7.3 | 11:27 | -0.6 | 11:53 | 2.4 | 4:31                                                                                | 8:09 | ☀                                                                                   |
| 7    | Tue | 5:29  | 7.1 | 6:51  | 7.5 |       |      | 12:19 | 0.0 | 4:31                                                                                | 8:10 | ☀                                                                                   |
| 8    | Wed | 6:44  | 6.4 | 7:41  | 7.8 | 1:04  | 1.9  | 1:13  | 0.6 | 4:30                                                                                | 8:11 | ☀                                                                                   |
| 9    | Thu | 8:02  | 6.0 | 8:30  | 8.1 | 2:16  | 1.3  | 2:08  | 1.2 | 4:30                                                                                | 8:12 | ☀                                                                                   |
| 10   | Fri | 9:17  | 5.9 | 9:17  | 8.4 | 3:22  | 0.6  | 3:02  | 1.8 | 4:30                                                                                | 8:12 | ☀                                                                                   |
| 11   | Sat | 10:25 | 6.0 | 10:01 | 8.5 | 4:21  | -0.1 | 3:55  | 2.3 | 4:30                                                                                | 8:13 | ☀                                                                                   |
| 12   | Sun | 11:25 | 6.3 | 10:44 | 8.6 | 5:13  | -0.6 | 4:46  | 2.7 | 4:30                                                                                | 8:13 | ☀                                                                                   |
| 13   | Mon |       |     | 12:18 | 6.5 | 6:01  | -0.9 | 5:34  | 3.0 | 4:29                                                                                | 8:14 | ☀                                                                                   |
| 14   | Tue |       |     | 1:07  | 6.7 | 6:46  | -1.0 | 6:22  | 3.2 | 4:29                                                                                | 8:14 | ☀                                                                                   |
| 15   | Wed | 12:04 | 8.5 | 1:52  | 6.7 | 7:28  | -0.9 | 7:07  | 3.3 | 4:29                                                                                | 8:15 | ☀                                                                                   |
| 16   | Thu | 12:42 | 8.3 | 2:34  | 6.7 | 8:07  | -0.8 | 7:50  | 3.3 | 4:29                                                                                | 8:15 | ☀                                                                                   |
| 17   | Fri | 1:20  | 8.1 | 3:13  | 6.7 | 8:42  | -0.7 | 8:32  | 3.3 | 4:29                                                                                | 8:16 | ☀                                                                                   |
| 18   | Sat | 1:58  | 7.9 | 3:50  | 6.6 | 9:16  | -0.5 | 9:12  | 3.2 | 4:29                                                                                | 8:16 | ☀                                                                                   |
| 19   | Sun | 2:36  | 7.5 | 4:26  | 6.6 | 9:47  | -0.3 | 9:54  | 3.0 | 4:29                                                                                | 8:16 | ☀                                                                                   |
| 20   | Mon | 3:17  | 7.1 | 4:59  | 6.6 | 10:18 | 0.0  | 10:40 | 2.9 | 4:30                                                                                | 8:17 | ☀                                                                                   |
| 21   | Tue | 4:03  | 6.6 | 5:33  | 6.7 | 10:50 | 0.4  | 11:31 | 2.7 | 4:30                                                                                | 8:17 | ☀                                                                                   |
| 22   | Wed | 4:56  | 6.0 | 6:09  | 6.9 | 11:26 | 0.8  |       |     | 4:30                                                                                | 8:17 | ☀                                                                                   |
| 23   | Thu | 6:01  | 5.5 | 6:47  | 7.1 | 12:31 | 2.3  | 12:09 | 1.4 | 4:30                                                                                | 8:17 | ☀                                                                                   |
| 24   | Fri | 7:19  | 5.1 | 7:30  | 7.4 | 1:36  | 1.9  | 12:59 | 2.0 | 4:31                                                                                | 8:17 | ☀                                                                                   |
| 25   | Sat | 8:41  | 5.1 | 8:16  | 7.8 | 2:41  | 1.3  | 1:57  | 2.6 | 4:31                                                                                | 8:18 | ☀                                                                                   |
| 26   | Sun | 9:57  | 5.3 | 9:05  | 8.2 | 3:43  | 0.5  | 2:59  | 3.0 | 4:31                                                                                | 8:18 | ☀                                                                                   |
| 27   | Mon | 11:03 | 5.7 | 9:57  | 8.6 | 4:40  | -0.2 | 4:00  | 3.3 | 4:32                                                                                | 8:18 | ☀                                                                                   |
| 28   | Tue |       |     | 12:00 | 6.1 | 5:33  | -0.8 | 5:00  | 3.4 | 4:32                                                                                | 8:18 | ☀                                                                                   |
| 29   | Wed |       |     | 12:52 | 6.5 | 6:25  | -1.4 | 5:58  | 3.3 | 4:33                                                                                | 8:17 | ☀                                                                                   |
| 30   | Thu |       |     | 1:41  | 6.8 | 7:15  | -1.8 | 6:55  | 3.0 | 4:33                                                                                | 8:17 | ☀                                                                                   |