

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

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Thu | 3:53  | 6.8 | 3:49  | 8.2 | 9:46  | 0.8  | 10:41 | -0.4 | 5:42                                                                                | 7:02 |    |
| 2    | Fri | 4:50  | 6.1 | 4:29  | 7.9 | 10:26 | 1.7  | 11:37 | 0.0  | 5:43                                                                                | 7:00 |    |
| 3    | Sat | 5:55  | 5.5 | 5:14  | 7.5 | 11:12 | 2.5  |       |      | 5:45                                                                                | 6:58 |    |
| 4    | Sun | 7:08  | 5.2 | 6:10  | 7.0 | 12:42 | 0.4  | 12:12 | 3.2  | 5:46                                                                                | 6:56 |    |
| 5    | Mon | 8:26  | 5.2 | 7:20  | 6.7 | 1:56  | 0.6  | 1:29  | 3.6  | 5:47                                                                                | 6:54 |    |
| 6    | Tue | 9:36  | 5.5 | 8:34  | 6.6 | 3:08  | 0.6  | 2:47  | 3.5  | 5:48                                                                                | 6:52 |    |
| 7    | Wed | 10:30 | 5.9 | 9:39  | 6.7 | 4:07  | 0.3  | 3:52  | 3.0  | 5:50                                                                                | 6:50 |    |
| 8    | Thu | 11:13 | 6.3 | 10:34 | 6.9 | 4:55  | 0.0  | 4:46  | 2.5  | 5:51                                                                                | 6:48 |    |
| 9    | Fri | 11:49 | 6.6 | 11:20 | 7.1 | 5:34  | -0.2 | 5:33  | 1.9  | 5:52                                                                                | 6:46 |    |
| 10   | Sat |       |     | 12:21 | 6.9 | 6:07  | -0.3 | 6:14  | 1.4  | 5:53                                                                                | 6:44 |    |
| 11   | Sun | 12:02 | 7.2 | 12:49 | 7.1 | 6:38  | -0.2 | 6:53  | 0.9  | 5:55                                                                                | 6:42 |    |
| 12   | Mon | 12:41 | 7.1 | 1:14  | 7.3 | 7:07  | 0.0  | 7:30  | 0.5  | 5:56                                                                                | 6:41 |   |
| 13   | Tue | 1:20  | 7.0 | 1:37  | 7.5 | 7:35  | 0.3  | 8:04  | 0.2  | 5:57                                                                                | 6:39 |  |
| 14   | Wed | 1:58  | 6.9 | 1:59  | 7.7 | 8:02  | 0.7  | 8:38  | 0.0  | 5:58                                                                                | 6:37 |  |
| 15   | Thu | 2:38  | 6.6 | 2:23  | 7.9 | 8:30  | 1.1  | 9:12  | -0.2 | 6:00                                                                                | 6:35 |  |
| 16   | Fri | 3:21  | 6.3 | 2:50  | 8.1 | 8:59  | 1.7  | 9:50  | -0.1 | 6:01                                                                                | 6:33 |  |
| 17   | Sat | 4:10  | 5.9 | 3:25  | 8.1 | 9:32  | 2.2  | 10:36 | 0.0  | 6:02                                                                                | 6:31 |  |
| 18   | Sun | 5:10  | 5.4 | 4:09  | 7.9 | 10:13 | 2.8  | 11:38 | 0.3  | 6:03                                                                                | 6:29 |  |
| 19   | Mon | 6:25  | 5.1 | 5:07  | 7.6 | 11:09 | 3.3  |       |      | 6:05                                                                                | 6:27 |  |
| 20   | Tue | 7:48  | 5.1 | 6:24  | 7.3 | 12:59 | 0.4  | 12:33 | 3.6  | 6:06                                                                                | 6:25 |  |
| 21   | Wed | 9:02  | 5.5 | 7:53  | 7.2 | 2:23  | 0.2  | 2:10  | 3.4  | 6:07                                                                                | 6:23 |  |
| 22   | Thu | 10:00 | 6.1 | 9:16  | 7.4 | 3:32  | -0.2 | 3:30  | 2.7  | 6:09                                                                                | 6:21 |  |
| 23   | Fri | 10:47 | 6.8 | 10:24 | 7.7 | 4:28  | -0.6 | 4:34  | 1.7  | 6:10                                                                                | 6:19 |  |
| 24   | Sat | 11:28 | 7.4 | 11:23 | 7.9 | 5:16  | -0.8 | 5:30  | 0.7  | 6:11                                                                                | 6:17 |  |
| 25   | Sun |       |     | 12:06 | 8.0 | 5:59  | -0.8 | 6:21  | -0.2 | 6:12                                                                                | 6:15 |  |
| 26   | Mon | 12:17 | 8.0 | 12:43 | 8.4 | 6:40  | -0.5 | 7:10  | -0.8 | 6:14                                                                                | 6:13 |  |
| 27   | Tue | 1:09  | 7.8 | 1:18  | 8.7 | 7:20  | 0.0  | 7:56  | -1.2 | 6:15                                                                                | 6:11 |  |
| 28   | Wed | 1:59  | 7.5 | 1:53  | 8.7 | 7:58  | 0.6  | 8:41  | -1.2 | 6:16                                                                                | 6:09 |  |
| 29   | Thu | 2:49  | 7.2 | 2:28  | 8.6 | 8:36  | 1.3  | 9:26  | -1.0 | 6:18                                                                                | 6:07 |  |
| 30   | Fri | 3:41  | 6.7 | 3:04  | 8.3 | 9:15  | 2.0  | 10:12 | -0.6 | 6:19                                                                                | 6:05 |  |