

## Astoria (Port Docks), OR - Dec 1865

| Date |     | High  |     |          |      | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Fri | 11:18 | 9.8 |          |      | 5:20  | 2.2 | 6:25  | -1.2 | 7:45                                                                                | 4:38 |    |
| 2    | Sat | 12:36 | 7.8 | 12:05    | 10.0 | 6:13  | 2.3 | 7:14  | -1.5 | 7:46                                                                                | 4:38 |    |
| 3    | Sun | 1:28  | 8.0 | 12:51    | 9.9  | 7:05  | 2.4 | 8:01  | -1.5 | 7:47                                                                                | 4:37 |    |
| 4    | Mon | 2:18  | 8.1 | 1:37     | 9.6  | 7:55  | 2.5 | 8:47  | -1.2 | 7:48                                                                                | 4:37 |    |
| 5    | Tue | 3:07  | 8.1 | 2:24     | 9.1  | 8:45  | 2.6 | 9:31  | -0.8 | 7:49                                                                                | 4:37 |    |
| 6    | Wed | 3:55  | 8.0 | 3:12     | 8.5  | 9:36  | 2.7 | 10:14 | -0.3 | 7:50                                                                                | 4:37 |    |
| 7    | Thu | 4:42  | 7.9 | 4:03     | 7.8  | 10:28 | 2.9 | 10:57 | 0.4  | 7:51                                                                                | 4:36 |    |
| 8    | Fri | 5:30  | 7.8 | 5:00     | 7.1  | 11:25 | 2.9 | 11:43 | 1.0  | 7:52                                                                                | 4:36 |    |
| 9    | Sat | 6:19  | 7.7 | 6:04     | 6.4  |       |     | 12:28 | 2.9  | 7:53                                                                                | 4:36 |    |
| 10   | Sun | 7:08  | 7.7 | 7:17     | 6.0  | 12:32 | 1.7 | 1:36  | 2.7  | 7:54                                                                                | 4:36 |    |
| 11   | Mon | 7:58  | 7.8 | 8:32     | 5.9  | 1:27  | 2.2 | 2:42  | 2.2  | 7:55                                                                                | 4:36 |    |
| 12   | Tue | 8:45  | 8.0 | 9:40     | 6.1  | 2:23  | 2.6 | 3:41  | 1.6  | 7:56                                                                                | 4:36 |   |
| 13   | Wed | 9:30  | 8.2 | 10:39    | 6.4  | 3:17  | 2.9 | 4:32  | 1.1  | 7:57                                                                                | 4:36 |  |
| 14   | Thu | 10:11 | 8.4 | 11:30    | 6.7  | 4:07  | 3.1 | 5:17  | 0.6  | 7:58                                                                                | 4:37 |  |
| 15   | Fri | 10:50 | 8.6 |          |      | 4:55  | 3.2 | 5:59  | 0.2  | 7:58                                                                                | 4:37 |  |
| 16   | Sat | 12:16 | 7.1 | 11:27 AM | 8.8  | 5:40  | 3.3 | 6:38  | -0.1 | 7:59                                                                                | 4:37 |  |
| 17   | Sun | 12:58 | 7.3 | 12:03    | 8.9  | 6:23  | 3.3 | 7:16  | -0.3 | 8:00                                                                                | 4:37 |  |
| 18   | Mon | 1:38  | 7.5 | 12:39    | 9.0  | 7:05  | 3.3 | 7:52  | -0.5 | 8:01                                                                                | 4:38 |  |
| 19   | Tue | 2:17  | 7.6 | 1:16     | 9.0  | 7:47  | 3.3 | 8:26  | -0.5 | 8:01                                                                                | 4:38 |  |
| 20   | Wed | 2:54  | 7.7 | 1:56     | 8.9  | 8:28  | 3.1 | 9:01  | -0.5 | 8:02                                                                                | 4:39 |  |
| 21   | Thu | 3:30  | 7.8 | 2:38     | 8.7  | 9:10  | 3.0 | 9:36  | -0.3 | 8:02                                                                                | 4:39 |  |
| 22   | Fri | 4:08  | 7.9 | 3:25     | 8.3  | 9:56  | 2.8 | 10:14 | 0.0  | 8:03                                                                                | 4:40 |  |
| 23   | Sat | 4:48  | 8.0 | 4:20     | 7.7  | 10:48 | 2.7 | 10:56 | 0.5  | 8:03                                                                                | 4:40 |  |
| 24   | Sun | 5:32  | 8.1 | 5:25     | 7.1  | 11:49 | 2.5 | 11:46 | 1.2  | 8:03                                                                                | 4:41 |  |
| 25   | Mon | 6:21  | 8.3 | 6:42     | 6.6  |       |     | 1:00  | 2.1  | 8:04                                                                                | 4:41 |  |
| 26   | Tue | 7:16  | 8.6 | 8:05     | 6.4  | 12:44 | 1.8 | 2:14  | 1.6  | 8:04                                                                                | 4:42 |  |
| 27   | Wed | 8:13  | 8.9 | 9:24     | 6.5  | 1:51  | 2.3 | 3:23  | 0.9  | 8:04                                                                                | 4:43 |  |
| 28   | Thu | 9:10  | 9.3 | 10:34    | 6.9  | 2:58  | 2.7 | 4:26  | 0.1  | 8:05                                                                                | 4:44 |  |
| 29   | Fri | 10:06 | 9.6 | 11:34    | 7.4  | 4:02  | 2.8 | 5:22  | -0.5 | 8:05                                                                                | 4:44 |  |
| 30   | Sat | 10:59 | 9.8 |          |      | 5:02  | 2.9 | 6:13  | -0.9 | 8:05                                                                                | 4:45 |  |
| 31   | Sun | 12:27 | 7.8 | 11:49 AM | 9.8  | 5:58  | 2.8 | 7:02  | -1.1 | 8:05                                                                                | 4:46 |  |