

## Astoria (Port Docks), OR - Dec 1866

| Date |     | High  |     |          |      | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sat | 8:51  | 8.2 | 9:25     | 6.4  | 2:30  | 1.8 | 3:32  | 1.5  | 7:45                                                                                | 4:38 |    |
| 2    | Sun | 9:38  | 8.4 | 10:27    | 6.6  | 3:24  | 2.1 | 4:27  | 0.9  | 7:46                                                                                | 4:38 |    |
| 3    | Mon | 10:20 | 8.6 | 11:19    | 6.9  | 4:13  | 2.3 | 5:14  | 0.4  | 7:47                                                                                | 4:37 |    |
| 4    | Tue | 10:59 | 8.7 |          |      | 4:58  | 2.6 | 5:57  | 0.0  | 7:48                                                                                | 4:37 |    |
| 5    | Wed | 12:06 | 7.2 | 11:34 AM | 8.8  | 5:40  | 2.8 | 6:36  | -0.2 | 7:49                                                                                | 4:37 |    |
| 6    | Thu | 12:50 | 7.3 | 12:07    | 8.8  | 6:21  | 2.9 | 7:13  | -0.3 | 7:50                                                                                | 4:37 |    |
| 7    | Fri | 1:31  | 7.4 | 12:40    | 8.7  | 7:01  | 3.1 | 7:48  | -0.3 | 7:51                                                                                | 4:36 |    |
| 8    | Sat | 2:10  | 7.5 | 1:12     | 8.7  | 7:39  | 3.2 | 8:21  | -0.2 | 7:52                                                                                | 4:36 |    |
| 9    | Sun | 2:48  | 7.4 | 1:44     | 8.5  | 8:17  | 3.3 | 8:53  | -0.1 | 7:53                                                                                | 4:36 |    |
| 10   | Mon | 3:24  | 7.4 | 2:19     | 8.4  | 8:55  | 3.3 | 9:24  | 0.0  | 7:54                                                                                | 4:36 |    |
| 11   | Tue | 4:00  | 7.4 | 2:58     | 8.1  | 9:35  | 3.3 | 9:57  | 0.2  | 7:55                                                                                | 4:36 |    |
| 12   | Wed | 4:38  | 7.4 | 3:43     | 7.7  | 10:19 | 3.3 | 10:33 | 0.5  | 7:56                                                                                | 4:36 |    |
| 13   | Thu | 5:18  | 7.4 | 4:36     | 7.2  | 11:11 | 3.2 | 11:17 | 0.9  | 7:57                                                                                | 4:36 |   |
| 14   | Fri | 6:02  | 7.6 | 5:43     | 6.7  |       |     | 12:14 | 3.0  | 7:58                                                                                | 4:37 |  |
| 15   | Sat | 6:52  | 7.8 | 7:04     | 6.3  | 12:09 | 1.4 | 1:27  | 2.6  | 7:58                                                                                | 4:37 |  |
| 16   | Sun | 7:45  | 8.2 | 8:27     | 6.3  | 1:11  | 1.9 | 2:38  | 1.9  | 7:59                                                                                | 4:37 |  |
| 17   | Mon | 8:38  | 8.6 | 9:43     | 6.6  | 2:17  | 2.2 | 3:42  | 1.0  | 8:00                                                                                | 4:37 |  |
| 18   | Tue | 9:31  | 9.1 | 10:48    | 7.0  | 3:21  | 2.5 | 4:40  | 0.2  | 8:00                                                                                | 4:38 |  |
| 19   | Wed | 10:23 | 9.6 | 11:47    | 7.5  | 4:21  | 2.6 | 5:35  | -0.6 | 8:01                                                                                | 4:38 |  |
| 20   | Thu | 11:13 | 9.9 |          |      | 5:18  | 2.6 | 6:26  | -1.1 | 8:02                                                                                | 4:38 |  |
| 21   | Fri | 12:41 | 7.9 | 12:03    | 10.1 | 6:14  | 2.6 | 7:16  | -1.4 | 8:02                                                                                | 4:39 |  |
| 22   | Sat | 1:32  | 8.2 | 12:53    | 10.1 | 7:08  | 2.5 | 8:03  | -1.5 | 8:03                                                                                | 4:39 |  |
| 23   | Sun | 2:21  | 8.4 | 1:43     | 9.8  | 8:01  | 2.5 | 8:49  | -1.3 | 8:03                                                                                | 4:40 |  |
| 24   | Mon | 3:09  | 8.5 | 2:33     | 9.3  | 8:53  | 2.4 | 9:34  | -0.9 | 8:03                                                                                | 4:41 |  |
| 25   | Tue | 3:56  | 8.5 | 3:25     | 8.7  | 9:46  | 2.4 | 10:17 | -0.3 | 8:04                                                                                | 4:41 |  |
| 26   | Wed | 4:43  | 8.4 | 4:19     | 7.9  | 10:40 | 2.4 | 11:02 | 0.4  | 8:04                                                                                | 4:42 |  |
| 27   | Thu | 5:31  | 8.3 | 5:20     | 7.1  | 11:39 | 2.5 | 11:48 | 1.1  | 8:04                                                                                | 4:43 |  |
| 28   | Fri | 6:19  | 8.2 | 6:27     | 6.5  |       |     | 12:44 | 2.4  | 8:05                                                                                | 4:43 |  |
| 29   | Sat | 7:10  | 8.1 | 7:41     | 6.1  | 12:40 | 1.9 | 1:53  | 2.2  | 8:05                                                                                | 4:44 |  |
| 30   | Sun | 8:01  | 8.2 | 8:56     | 6.1  | 1:36  | 2.5 | 2:59  | 1.8  | 8:05                                                                                | 4:45 |  |
| 31   | Mon | 8:52  | 8.3 | 10:01    | 6.3  | 2:35  | 2.9 | 3:58  | 1.3  | 8:05                                                                                | 4:46 |  |