

## Astoria (Youngs Bay), OR - Dec 1884

| Date |     | High  |      |          |      | Low   |     |       |      |  |      |    |
|------|-----|-------|------|----------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM       | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 11:12 | 10.3 |          |      | 5:10  | 2.4 | 6:14  | -1.0 | 7:38                                                                                | 4:31 |    |
| 2    | Tue | 12:34 | 8.3  | 11:58 AM | 10.5 | 6:02  | 2.5 | 7:03  | -1.3 | 7:39                                                                                | 4:30 |    |
| 3    | Wed | 1:25  | 8.6  | 12:46    | 10.6 | 6:54  | 2.5 | 7:51  | -1.5 | 7:40                                                                                | 4:30 |    |
| 4    | Thu | 2:16  | 8.7  | 1:34     | 10.5 | 7:46  | 2.5 | 8:39  | -1.4 | 7:41                                                                                | 4:30 |    |
| 5    | Fri | 3:06  | 8.8  | 2:24     | 10.1 | 8:39  | 2.6 | 9:26  | -1.0 | 7:43                                                                                | 4:30 |    |
| 6    | Sat | 3:56  | 8.8  | 3:18     | 9.5  | 9:33  | 2.6 | 10:13 | -0.5 | 7:44                                                                                | 4:29 |    |
| 7    | Sun | 4:47  | 8.7  | 4:15     | 8.7  | 10:31 | 2.7 | 11:02 | 0.1  | 7:45                                                                                | 4:29 |    |
| 8    | Mon | 5:39  | 8.7  | 5:20     | 7.9  | 11:35 | 2.7 | 11:55 | 0.9  | 7:46                                                                                | 4:29 |    |
| 9    | Tue | 6:33  | 8.7  | 6:32     | 7.3  |       |     | 12:45 | 2.5  | 7:47                                                                                | 4:29 |    |
| 10   | Wed | 7:27  | 8.8  | 7:48     | 6.9  | 12:52 | 1.5 | 1:56  | 2.2  | 7:47                                                                                | 4:29 |   |
| 11   | Thu | 8:20  | 8.9  | 9:02     | 6.9  | 1:51  | 2.1 | 3:02  | 1.6  | 7:48                                                                                | 4:29 |  |
| 12   | Fri | 9:09  | 9.1  | 10:07    | 7.1  | 2:48  | 2.5 | 4:00  | 1.0  | 7:49                                                                                | 4:29 |  |
| 13   | Sat | 9:55  | 9.2  | 11:03    | 7.4  | 3:41  | 2.8 | 4:50  | 0.5  | 7:50                                                                                | 4:29 |  |
| 14   | Sun | 10:36 | 9.4  | 11:52    | 7.7  | 4:30  | 3.0 | 5:34  | 0.2  | 7:51                                                                                | 4:30 |  |
| 15   | Mon | 11:14 | 9.4  |          |      | 5:15  | 3.2 | 6:15  | 0.0  | 7:52                                                                                | 4:30 |  |
| 16   | Tue | 12:36 | 7.9  | 11:50 AM | 9.4  | 5:58  | 3.3 | 6:53  | -0.2 | 7:52                                                                                | 4:30 |  |
| 17   | Wed | 1:17  | 8.1  | 12:25    | 9.4  | 6:40  | 3.3 | 7:28  | -0.2 | 7:53                                                                                | 4:30 |  |
| 18   | Thu | 1:56  | 8.2  | 12:58    | 9.3  | 7:19  | 3.4 | 8:01  | -0.1 | 7:54                                                                                | 4:31 |  |
| 19   | Fri | 2:33  | 8.2  | 1:32     | 9.2  | 7:58  | 3.4 | 8:32  | 0.0  | 7:54                                                                                | 4:31 |  |
| 20   | Sat | 3:08  | 8.2  | 2:07     | 9.0  | 8:36  | 3.3 | 9:03  | 0.1  | 7:55                                                                                | 4:32 |  |
| 21   | Sun | 3:41  | 8.2  | 2:45     | 8.7  | 9:15  | 3.3 | 9:33  | 0.3  | 7:55                                                                                | 4:32 |  |
| 22   | Mon | 4:15  | 8.2  | 3:27     | 8.3  | 9:56  | 3.2 | 10:06 | 0.6  | 7:56                                                                                | 4:33 |  |
| 23   | Tue | 4:51  | 8.3  | 4:17     | 7.8  | 10:44 | 3.1 | 10:45 | 1.1  | 7:56                                                                                | 4:33 |  |
| 24   | Wed | 5:31  | 8.4  | 5:19     | 7.3  | 11:41 | 2.9 | 11:31 | 1.6  | 7:56                                                                                | 4:34 |  |
| 25   | Thu | 6:16  | 8.6  | 6:36     | 6.8  |       |     | 12:50 | 2.6  | 7:57                                                                                | 4:35 |  |
| 26   | Fri | 7:08  | 8.9  | 8:00     | 6.7  | 12:28 | 2.2 | 2:03  | 2.0  | 7:57                                                                                | 4:35 |  |
| 27   | Sat | 8:03  | 9.2  | 9:19     | 6.9  | 1:34  | 2.6 | 3:10  | 1.3  | 7:57                                                                                | 4:36 |  |
| 28   | Sun | 9:00  | 9.6  | 10:28    | 7.4  | 2:42  | 2.9 | 4:12  | 0.5  | 7:57                                                                                | 4:37 |  |
| 29   | Mon | 9:55  | 10.1 | 11:28    | 7.9  | 3:47  | 3.0 | 5:08  | -0.3 | 7:58                                                                                | 4:38 |  |
| 30   | Tue | 10:49 | 10.4 |          |      | 4:48  | 3.0 | 6:00  | -0.8 | 7:58                                                                                | 4:39 |  |
| 31   | Wed | 12:22 | 8.3  | 11:42 AM | 10.7 | 5:46  | 2.9 | 6:51  | -1.2 | 7:58                                                                                | 4:39 |  |