

## Astoria (Youngs Bay), OR - Oct 1871

| Date |     | High  |     |       |     | Low   |     |          |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|-----|----------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft  | PM       | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sun | 2:30  | 7.7 | 2:24  | 8.4 | 8:23  | 1.1 | 9:01     | -0.1 | 6:20                                                                                | 6:03 |    |
| 2    | Mon | 3:14  | 7.3 | 2:51  | 8.3 | 8:54  | 1.7 | 9:39     | 0.1  | 6:22                                                                                | 6:01 |    |
| 3    | Tue | 4:01  | 6.9 | 3:19  | 8.0 | 9:27  | 2.3 | 10:18    | 0.4  | 6:23                                                                                | 5:59 |    |
| 4    | Wed | 4:52  | 6.5 | 3:51  | 7.8 | 10:03 | 2.9 | 11:03    | 0.8  | 6:24                                                                                | 5:57 |    |
| 5    | Thu | 5:52  | 6.2 | 4:32  | 7.4 | 10:49 | 3.4 |          |      | 6:25                                                                                | 5:55 |    |
| 6    | Fri | 7:00  | 6.0 | 5:28  | 7.0 | 12:01 | 1.1 | 11:53 AM | 3.8  | 6:27                                                                                | 5:53 |    |
| 7    | Sat | 8:10  | 6.1 | 6:45  | 6.8 | 1:13  | 1.2 | 1:15     | 3.9  | 6:28                                                                                | 5:51 |    |
| 8    | Sun | 9:11  | 6.5 | 8:08  | 6.8 | 2:23  | 1.1 | 2:32     | 3.6  | 6:29                                                                                | 5:49 |    |
| 9    | Mon | 10:00 | 6.9 | 9:19  | 7.1 | 3:22  | 0.8 | 3:34     | 3.0  | 6:31                                                                                | 5:48 |    |
| 10   | Tue | 10:41 | 7.4 | 10:17 | 7.5 | 4:11  | 0.5 | 4:27     | 2.2  | 6:32                                                                                | 5:46 |    |
| 11   | Wed | 11:16 | 7.8 | 11:08 | 7.9 | 4:53  | 0.2 | 5:13     | 1.4  | 6:33                                                                                | 5:44 |    |
| 12   | Thu | 11:48 | 8.2 | 11:56 | 8.1 | 5:32  | 0.1 | 5:57     | 0.7  | 6:35                                                                                | 5:42 |   |
| 13   | Fri |       |     | 12:19 | 8.7 | 6:10  | 0.2 | 6:39     | 0.0  | 6:36                                                                                | 5:40 |  |
| 14   | Sat | 12:43 | 8.2 | 12:51 | 9.0 | 6:48  | 0.4 | 7:21     | -0.5 | 6:38                                                                                | 5:38 |  |
| 15   | Sun | 1:30  | 8.2 | 1:23  | 9.3 | 7:25  | 0.8 | 8:04     | -0.9 | 6:39                                                                                | 5:37 |  |
| 16   | Mon | 2:19  | 8.1 | 1:58  | 9.5 | 8:04  | 1.3 | 8:49     | -1.0 | 6:40                                                                                | 5:35 |  |
| 17   | Tue | 3:11  | 7.8 | 2:37  | 9.5 | 8:45  | 1.9 | 9:36     | -0.9 | 6:42                                                                                | 5:33 |  |
| 18   | Wed | 4:07  | 7.4 | 3:21  | 9.3 | 9:30  | 2.4 | 10:30    | -0.6 | 6:43                                                                                | 5:31 |  |
| 19   | Thu | 5:10  | 7.1 | 4:13  | 8.8 | 10:24 | 3.0 | 11:33    | -0.1 | 6:44                                                                                | 5:29 |  |
| 20   | Fri | 6:20  | 6.9 | 5:18  | 8.2 | 11:32 | 3.4 |          |      | 6:46                                                                                | 5:28 |  |
| 21   | Sat | 7:32  | 6.9 | 6:38  | 7.7 | 12:46 | 0.2 | 12:55    | 3.5  | 6:47                                                                                | 5:26 |  |
| 22   | Sun | 8:40  | 7.3 | 8:03  | 7.6 | 2:00  | 0.4 | 2:18     | 3.1  | 6:49                                                                                | 5:24 |  |
| 23   | Mon | 9:37  | 7.8 | 9:19  | 7.7 | 3:06  | 0.3 | 3:28     | 2.3  | 6:50                                                                                | 5:23 |  |
| 24   | Tue | 10:24 | 8.2 | 10:22 | 7.9 | 4:00  | 0.3 | 4:27     | 1.5  | 6:51                                                                                | 5:21 |  |
| 25   | Wed | 11:05 | 8.7 | 11:16 | 8.0 | 4:47  | 0.3 | 5:17     | 0.7  | 6:53                                                                                | 5:19 |  |
| 26   | Thu | 11:42 | 8.9 |       |     | 5:29  | 0.5 | 6:03     | 0.1  | 6:54                                                                                | 5:18 |  |
| 27   | Fri | 12:05 | 8.1 | 12:15 | 9.0 | 6:07  | 0.9 | 6:45     | -0.3 | 6:56                                                                                | 5:16 |  |
| 28   | Sat | 12:51 | 8.0 | 12:45 | 9.1 | 6:43  | 1.3 | 7:24     | -0.5 | 6:57                                                                                | 5:14 |  |
| 29   | Sun | 1:35  | 7.9 | 1:13  | 9.0 | 7:17  | 1.8 | 8:01     | -0.5 | 6:59                                                                                | 5:13 |  |
| 30   | Mon | 2:18  | 7.7 | 1:40  | 8.9 | 7:50  | 2.3 | 8:36     | -0.3 | 7:00                                                                                | 5:11 |  |
| 31   | Tue | 3:01  | 7.5 | 2:07  | 8.7 | 8:23  | 2.8 | 9:10     | -0.1 | 7:01                                                                                | 5:10 |  |