

## Astoria (Youngs Bay), OR - Oct 1846

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Thu | 10:07 | 7.6 | 10:00 | 8.2 | 3:42  | 0.0  | 4:03  | 1.4  | 6:20                                                                                | 6:03 |    |
| 2    | Fri | 10:53 | 8.3 | 11:01 | 8.5 | 4:34  | -0.2 | 5:00  | 0.5  | 6:22                                                                                | 6:01 |    |
| 3    | Sat | 11:36 | 8.9 | 11:56 | 8.6 | 5:22  | -0.2 | 5:52  | -0.3 | 6:23                                                                                | 5:59 |    |
| 4    | Sun |       |     | 12:16 | 9.3 | 6:08  | -0.1 | 6:42  | -0.9 | 6:24                                                                                | 5:57 |    |
| 5    | Mon | 12:48 | 8.7 | 12:56 | 9.5 | 6:51  | 0.2  | 7:30  | -1.2 | 6:26                                                                                | 5:55 |    |
| 6    | Tue | 1:38  | 8.5 | 1:35  | 9.5 | 7:34  | 0.6  | 8:17  | -1.2 | 6:27                                                                                | 5:53 |    |
| 7    | Wed | 2:29  | 8.2 | 2:14  | 9.3 | 8:16  | 1.1  | 9:03  | -1.0 | 6:28                                                                                | 5:51 |    |
| 8    | Thu | 3:20  | 7.9 | 2:54  | 9.0 | 8:59  | 1.6  | 9:49  | -0.6 | 6:30                                                                                | 5:49 |    |
| 9    | Fri | 4:12  | 7.4 | 3:36  | 8.5 | 9:43  | 2.2  | 10:37 | -0.1 | 6:31                                                                                | 5:47 |    |
| 10   | Sat | 5:08  | 7.1 | 4:23  | 7.9 | 10:32 | 2.7  | 11:31 | 0.5  | 6:32                                                                                | 5:46 |    |
| 11   | Sun | 6:08  | 6.8 | 5:20  | 7.3 | 11:31 | 3.1  |       |      | 6:34                                                                                | 5:44 |    |
| 12   | Mon | 7:11  | 6.7 | 6:29  | 6.8 | 12:32 | 0.9  | 12:41 | 3.3  | 6:35                                                                                | 5:42 |   |
| 13   | Tue | 8:13  | 6.8 | 7:44  | 6.6 | 1:37  | 1.2  | 1:55  | 3.1  | 6:36                                                                                | 5:40 |  |
| 14   | Wed | 9:08  | 7.1 | 8:55  | 6.7 | 2:37  | 1.2  | 3:01  | 2.6  | 6:38                                                                                | 5:38 |  |
| 15   | Thu | 9:54  | 7.5 | 9:55  | 7.0 | 3:29  | 1.2  | 3:56  | 1.9  | 6:39                                                                                | 5:36 |  |
| 16   | Fri | 10:33 | 7.9 | 10:46 | 7.2 | 4:14  | 1.1  | 4:43  | 1.3  | 6:40                                                                                | 5:35 |  |
| 17   | Sat | 11:07 | 8.2 | 11:31 | 7.5 | 4:53  | 1.1  | 5:26  | 0.7  | 6:42                                                                                | 5:33 |  |
| 18   | Sun | 11:39 | 8.4 |       |     | 5:30  | 1.2  | 6:06  | 0.3  | 6:43                                                                                | 5:31 |  |
| 19   | Mon | 12:14 | 7.6 | 12:08 | 8.7 | 6:06  | 1.4  | 6:44  | -0.1 | 6:45                                                                                | 5:29 |  |
| 20   | Tue | 12:55 | 7.7 | 12:37 | 8.8 | 6:41  | 1.6  | 7:20  | -0.3 | 6:46                                                                                | 5:28 |  |
| 21   | Wed | 1:36  | 7.7 | 1:06  | 9.0 | 7:16  | 1.9  | 7:56  | -0.5 | 6:47                                                                                | 5:26 |  |
| 22   | Thu | 2:17  | 7.6 | 1:37  | 9.1 | 7:51  | 2.2  | 8:33  | -0.5 | 6:49                                                                                | 5:24 |  |
| 23   | Fri | 3:00  | 7.5 | 2:12  | 9.1 | 8:28  | 2.4  | 9:12  | -0.5 | 6:50                                                                                | 5:22 |  |
| 24   | Sat | 3:46  | 7.3 | 2:53  | 9.0 | 9:09  | 2.7  | 9:55  | -0.3 | 6:52                                                                                | 5:21 |  |
| 25   | Sun | 4:38  | 7.1 | 3:41  | 8.7 | 9:57  | 2.9  | 10:46 | 0.0  | 6:53                                                                                | 5:19 |  |
| 26   | Mon | 5:35  | 7.0 | 4:41  | 8.2 | 10:58 | 3.1  | 11:47 | 0.4  | 6:54                                                                                | 5:18 |  |
| 27   | Tue | 6:38  | 7.1 | 5:55  | 7.7 |       |      | 12:13 | 3.1  | 6:56                                                                                | 5:16 |  |
| 28   | Wed | 7:41  | 7.4 | 7:19  | 7.4 | 12:57 | 0.6  | 1:35  | 2.7  | 6:57                                                                                | 5:14 |  |
| 29   | Thu | 8:40  | 7.9 | 8:40  | 7.5 | 2:06  | 0.8  | 2:48  | 1.9  | 6:59                                                                                | 5:13 |  |
| 30   | Fri | 9:32  | 8.5 | 9:51  | 7.7 | 3:07  | 0.8  | 3:52  | 1.0  | 7:00                                                                                | 5:11 |  |
| 31   | Sat | 10:19 | 9.1 | 10:52 | 8.0 | 4:01  | 0.8  | 4:48  | 0.1  | 7:02                                                                                | 5:10 |  |