

## Astoria (Youngs Bay), OR - Oct 1891

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Thu |       |     | 12:19 | 8.0 | 6:05  | 0.1  | 6:21  | 0.9  | 6:13                                                                                | 5:56 |    |
| 2    | Fri | 12:19 | 7.7 | 12:47 | 8.1 | 6:36  | 0.3  | 6:58  | 0.6  | 6:15                                                                                | 5:54 |    |
| 3    | Sat | 12:58 | 7.7 | 1:11  | 8.2 | 7:05  | 0.6  | 7:33  | 0.3  | 6:16                                                                                | 5:52 |    |
| 4    | Sun | 1:37  | 7.5 | 1:34  | 8.3 | 7:33  | 1.0  | 8:06  | 0.1  | 6:17                                                                                | 5:50 |    |
| 5    | Mon | 2:15  | 7.3 | 1:56  | 8.4 | 8:01  | 1.5  | 8:37  | 0.0  | 6:19                                                                                | 5:48 |    |
| 6    | Tue | 2:55  | 7.1 | 2:20  | 8.5 | 8:29  | 2.0  | 9:10  | 0.0  | 6:20                                                                                | 5:46 |    |
| 7    | Wed | 3:38  | 6.8 | 2:48  | 8.5 | 8:59  | 2.5  | 9:46  | 0.1  | 6:21                                                                                | 5:44 |    |
| 8    | Thu | 4:28  | 6.4 | 3:24  | 8.4 | 9:34  | 3.0  | 10:30 | 0.3  | 6:23                                                                                | 5:42 |    |
| 9    | Fri | 5:29  | 6.1 | 4:09  | 8.2 | 10:19 | 3.5  | 11:31 | 0.6  | 6:24                                                                                | 5:40 |    |
| 10   | Sat | 6:43  | 6.0 | 5:11  | 7.8 | 11:24 | 3.9  |       |      | 6:25                                                                                | 5:38 |    |
| 11   | Sun | 7:59  | 6.1 | 6:32  | 7.6 | 12:51 | 0.7  | 12:56 | 3.9  | 6:27                                                                                | 5:37 |    |
| 12   | Mon | 9:04  | 6.6 | 8:02  | 7.6 | 2:12  | 0.5  | 2:24  | 3.5  | 6:28                                                                                | 5:35 |    |
| 13   | Tue | 9:56  | 7.2 | 9:20  | 7.9 | 3:17  | 0.2  | 3:34  | 2.6  | 6:29                                                                                | 5:33 |   |
| 14   | Wed | 10:39 | 7.8 | 10:27 | 8.3 | 4:12  | -0.2 | 4:33  | 1.5  | 6:31                                                                                | 5:31 |  |
| 15   | Thu | 11:19 | 8.5 | 11:25 | 8.6 | 4:59  | -0.3 | 5:26  | 0.5  | 6:32                                                                                | 5:29 |  |
| 16   | Fri | 11:56 | 9.0 |       |     | 5:44  | -0.2 | 6:16  | -0.4 | 6:33                                                                                | 5:27 |  |
| 17   | Sat | 12:19 | 8.7 | 12:33 | 9.5 | 6:26  | 0.1  | 7:04  | -1.0 | 6:35                                                                                | 5:26 |  |
| 18   | Sun | 1:12  | 8.6 | 1:10  | 9.7 | 7:08  | 0.6  | 7:52  | -1.4 | 6:36                                                                                | 5:24 |  |
| 19   | Mon | 2:04  | 8.4 | 1:47  | 9.8 | 7:49  | 1.2  | 8:39  | -1.4 | 6:38                                                                                | 5:22 |  |
| 20   | Tue | 2:57  | 8.0 | 2:26  | 9.6 | 8:31  | 1.8  | 9:26  | -1.1 | 6:39                                                                                | 5:20 |  |
| 21   | Wed | 3:53  | 7.6 | 3:06  | 9.2 | 9:16  | 2.5  | 10:16 | -0.6 | 6:40                                                                                | 5:19 |  |
| 22   | Thu | 4:51  | 7.2 | 3:51  | 8.6 | 10:04 | 3.1  | 11:11 | 0.0  | 6:42                                                                                | 5:17 |  |
| 23   | Fri | 5:54  | 6.9 | 4:45  | 7.9 | 11:02 | 3.6  |       |      | 6:43                                                                                | 5:15 |  |
| 24   | Sat | 7:02  | 6.8 | 5:54  | 7.3 | 12:14 | 0.6  | 12:15 | 3.9  | 6:45                                                                                | 5:14 |  |
| 25   | Sun | 8:07  | 6.9 | 7:15  | 6.9 | 1:23  | 0.9  | 1:35  | 3.8  | 6:46                                                                                | 5:12 |  |
| 26   | Mon | 9:05  | 7.2 | 8:33  | 6.8 | 2:28  | 1.0  | 2:48  | 3.2  | 6:47                                                                                | 5:10 |  |
| 27   | Tue | 9:52  | 7.6 | 9:38  | 7.0 | 3:23  | 1.0  | 3:47  | 2.5  | 6:49                                                                                | 5:09 |  |
| 28   | Wed | 10:31 | 8.0 | 10:33 | 7.2 | 4:07  | 1.0  | 4:36  | 1.8  | 6:50                                                                                | 5:07 |  |
| 29   | Thu | 11:04 | 8.3 | 11:20 | 7.4 | 4:46  | 1.1  | 5:19  | 1.1  | 6:52                                                                                | 5:06 |  |
| 30   | Fri | 11:34 | 8.5 |       |     | 5:21  | 1.2  | 5:58  | 0.5  | 6:53                                                                                | 5:04 |  |
| 31   | Sat | 12:04 | 7.5 | 12:01 | 8.7 | 5:55  | 1.5  | 6:35  | 0.1  | 6:55                                                                                | 5:03 |  |