

## Astoria, OR - Jun 1898

| Date |     | High  |      |       |     | Low   |      |       |     |  |      |    |
|------|-----|-------|------|-------|-----|-------|------|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM    | ft  | AM    | ft   | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 10:52 | 6.6  | 10:18 | 9.2 | 4:35  | 0.1  | 4:11  | 2.5 | 4:26                                                                                | 7:59 |    |
| 2    | Thu | 11:52 | 6.9  | 11:04 | 9.6 | 5:28  | -0.7 | 5:06  | 2.7 | 4:25                                                                                | 7:59 |    |
| 3    | Fri |       |      | 12:47 | 7.2 | 6:20  | -1.3 | 6:00  | 2.8 | 4:25                                                                                | 8:00 |    |
| 4    | Sat |       |      | 1:40  | 7.5 | 7:11  | -1.7 | 6:55  | 2.8 | 4:24                                                                                | 8:01 |    |
| 5    | Sun | 12:42 | 10.0 | 2:32  | 7.7 | 8:01  | -1.9 | 7:49  | 2.8 | 4:24                                                                                | 8:02 |    |
| 6    | Mon | 1:33  | 9.9  | 3:22  | 7.8 | 8:50  | -1.9 | 8:44  | 2.6 | 4:24                                                                                | 8:03 |    |
| 7    | Tue | 2:26  | 9.6  | 4:11  | 7.9 | 9:38  | -1.7 | 9:40  | 2.4 | 4:23                                                                                | 8:03 |    |
| 8    | Wed | 3:21  | 9.1  | 5:00  | 8.0 | 10:25 | -1.3 | 10:38 | 2.3 | 4:23                                                                                | 8:04 |    |
| 9    | Thu | 4:20  | 8.4  | 5:49  | 8.0 | 11:12 | -0.7 | 11:41 | 2.1 | 4:23                                                                                | 8:05 |    |
| 10   | Fri | 5:23  | 7.6  | 6:38  | 8.1 |       |      | 12:00 | 0.0 | 4:22                                                                                | 8:05 |    |
| 11   | Sat | 6:32  | 6.8  | 7:27  | 8.3 | 12:48 | 1.8  | 12:51 | 0.7 | 4:22                                                                                | 8:06 |    |
| 12   | Sun | 7:46  | 6.4  | 8:16  | 8.4 | 1:57  | 1.4  | 1:45  | 1.4 | 4:22                                                                                | 8:06 |   |
| 13   | Mon | 9:01  | 6.2  | 9:03  | 8.5 | 3:03  | 0.8  | 2:40  | 2.0 | 4:22                                                                                | 8:07 |  |
| 14   | Tue | 10:09 | 6.3  | 9:48  | 8.6 | 4:02  | 0.3  | 3:33  | 2.5 | 4:22                                                                                | 8:07 |  |
| 15   | Wed | 11:09 | 6.5  | 10:31 | 8.7 | 4:55  | -0.2 | 4:24  | 2.8 | 4:22                                                                                | 8:08 |  |
| 16   | Thu |       |      | 12:02 | 6.8 | 5:42  | -0.5 | 5:12  | 3.1 | 4:22                                                                                | 8:08 |  |
| 17   | Fri |       |      | 12:49 | 7.0 | 6:26  | -0.7 | 5:58  | 3.2 | 4:22                                                                                | 8:09 |  |
| 18   | Sat |       |      | 1:32  | 7.1 | 7:06  | -0.7 | 6:43  | 3.3 | 4:22                                                                                | 8:09 |  |
| 19   | Sun | 12:26 | 8.6  | 2:12  | 7.2 | 7:44  | -0.8 | 7:25  | 3.2 | 4:22                                                                                | 8:09 |  |
| 20   | Mon | 1:03  | 8.5  | 2:50  | 7.2 | 8:19  | -0.7 | 8:06  | 3.1 | 4:22                                                                                | 8:10 |  |
| 21   | Tue | 1:39  | 8.4  | 3:25  | 7.2 | 8:51  | -0.6 | 8:45  | 3.0 | 4:23                                                                                | 8:10 |  |
| 22   | Wed | 2:15  | 8.2  | 3:58  | 7.2 | 9:21  | -0.5 | 9:24  | 2.8 | 4:23                                                                                | 8:10 |  |
| 23   | Thu | 2:54  | 7.9  | 4:30  | 7.3 | 9:51  | -0.3 | 10:06 | 2.6 | 4:23                                                                                | 8:10 |  |
| 24   | Fri | 3:37  | 7.5  | 5:02  | 7.4 | 10:22 | 0.0  | 10:52 | 2.4 | 4:23                                                                                | 8:10 |  |
| 25   | Sat | 4:26  | 7.0  | 5:37  | 7.6 | 10:56 | 0.4  | 11:46 | 2.1 | 4:24                                                                                | 8:10 |  |
| 26   | Sun | 5:25  | 6.5  | 6:16  | 7.9 | 11:37 | 1.0  |       |     | 4:24                                                                                | 8:10 |  |
| 27   | Mon | 6:38  | 6.0  | 7:00  | 8.2 | 12:49 | 1.8  | 12:25 | 1.6 | 4:25                                                                                | 8:10 |  |
| 28   | Tue | 8:02  | 5.7  | 7:51  | 8.5 | 1:59  | 1.2  | 1:24  | 2.2 | 4:25                                                                                | 8:10 |  |
| 29   | Wed | 9:25  | 5.8  | 8:46  | 8.9 | 3:08  | 0.5  | 2:30  | 2.7 | 4:26                                                                                | 8:10 |  |
| 30   | Thu | 10:38 | 6.2  | 9:43  | 9.3 | 4:12  | -0.2 | 3:37  | 3.0 | 4:26                                                                                | 8:10 |  |