

## Astoria, OR - Dec 1914

| Date |     | High  |      |          |      | Low   |     |       |      |  |      |    |
|------|-----|-------|------|----------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM       | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue | 12:40 | 7.4  | 11:43 AM | 9.1  | 5:52  | 3.5 | 6:56  | -0.3 | 7:36                                                                                | 4:31 |    |
| 2    | Wed | 1:24  | 7.5  | 12:14    | 9.2  | 6:31  | 3.7 | 7:32  | -0.4 | 7:38                                                                                | 4:30 |    |
| 3    | Thu | 2:05  | 7.6  | 12:46    | 9.2  | 7:11  | 3.9 | 8:08  | -0.4 | 7:39                                                                                | 4:30 |    |
| 4    | Fri | 2:46  | 7.6  | 1:20     | 9.2  | 7:50  | 4.0 | 8:43  | -0.4 | 7:40                                                                                | 4:30 |    |
| 5    | Sat | 3:26  | 7.5  | 1:56     | 9.1  | 8:29  | 4.0 | 9:18  | -0.3 | 7:41                                                                                | 4:29 |    |
| 6    | Sun | 4:05  | 7.5  | 2:37     | 9.0  | 9:10  | 4.0 | 9:54  | -0.2 | 7:42                                                                                | 4:29 |    |
| 7    | Mon | 4:45  | 7.5  | 3:23     | 8.6  | 9:55  | 3.8 | 10:33 | 0.0  | 7:43                                                                                | 4:29 |    |
| 8    | Tue | 5:25  | 7.5  | 4:17     | 8.1  | 10:48 | 3.7 | 11:16 | 0.4  | 7:44                                                                                | 4:29 |    |
| 9    | Wed | 6:08  | 7.7  | 5:22     | 7.5  | 11:52 | 3.3 |       |      | 7:45                                                                                | 4:29 |    |
| 10   | Thu | 6:54  | 8.0  | 6:42     | 6.9  | 12:05 | 0.9 | 1:05  | 2.8  | 7:46                                                                                | 4:29 |    |
| 11   | Fri | 7:41  | 8.5  | 8:08     | 6.7  | 1:01  | 1.5 | 2:18  | 2.0  | 7:47                                                                                | 4:29 |    |
| 12   | Sat | 8:29  | 9.0  | 9:30     | 6.8  | 2:00  | 2.0 | 3:25  | 1.0  | 7:48                                                                                | 4:29 |  |
| 13   | Sun | 9:18  | 9.6  | 10:42    | 7.1  | 3:00  | 2.5 | 4:26  | 0.1  | 7:49                                                                                | 4:29 |  |
| 14   | Mon | 10:07 | 10.1 | 11:45    | 7.5  | 3:58  | 3.0 | 5:22  | -0.7 | 7:50                                                                                | 4:29 |  |
| 15   | Tue | 10:56 | 10.4 |          |      | 4:55  | 3.3 | 6:15  | -1.2 | 7:50                                                                                | 4:29 |  |
| 16   | Wed | 12:42 | 7.8  | 11:45 AM | 10.6 | 5:51  | 3.4 | 7:06  | -1.4 | 7:51                                                                                | 4:29 |  |
| 17   | Thu | 1:35  | 8.1  | 12:35    | 10.6 | 6:47  | 3.5 | 7:55  | -1.5 | 7:52                                                                                | 4:30 |  |
| 18   | Fri | 2:25  | 8.2  | 1:24     | 10.3 | 7:40  | 3.4 | 8:42  | -1.3 | 7:52                                                                                | 4:30 |  |
| 19   | Sat | 3:14  | 8.3  | 2:13     | 9.9  | 8:33  | 3.4 | 9:26  | -0.9 | 7:53                                                                                | 4:30 |  |
| 20   | Sun | 4:00  | 8.3  | 3:03     | 9.3  | 9:25  | 3.3 | 10:08 | -0.4 | 7:54                                                                                | 4:31 |  |
| 21   | Mon | 4:45  | 8.2  | 3:55     | 8.5  | 10:18 | 3.2 | 10:49 | 0.2  | 7:54                                                                                | 4:31 |  |
| 22   | Tue | 5:29  | 8.2  | 4:51     | 7.7  | 11:14 | 3.1 | 11:29 | 0.9  | 7:55                                                                                | 4:32 |  |
| 23   | Wed | 6:12  | 8.2  | 5:54     | 6.9  |       |     | 12:16 | 2.9  | 7:55                                                                                | 4:32 |  |
| 24   | Thu | 6:56  | 8.2  | 7:06     | 6.3  | 12:12 | 1.7 | 1:23  | 2.6  | 7:56                                                                                | 4:33 |  |
| 25   | Fri | 7:40  | 8.3  | 8:24     | 6.1  | 12:59 | 2.4 | 2:30  | 2.1  | 7:56                                                                                | 4:33 |  |
| 26   | Sat | 8:24  | 8.4  | 9:40     | 6.2  | 1:52  | 3.1 | 3:31  | 1.6  | 7:56                                                                                | 4:34 |  |
| 27   | Sun | 9:08  | 8.6  | 10:45    | 6.5  | 2:48  | 3.6 | 4:25  | 1.0  | 7:57                                                                                | 4:35 |  |
| 28   | Mon | 9:51  | 8.8  | 11:41    | 7.0  | 3:43  | 4.0 | 5:13  | 0.5  | 7:57                                                                                | 4:35 |  |
| 29   | Tue | 10:32 | 9.0  |          |      | 4:36  | 4.2 | 5:57  | 0.2  | 7:57                                                                                | 4:36 |  |
| 30   | Wed | 12:28 | 7.3  | 11:13 AM | 9.1  | 5:26  | 4.3 | 6:38  | -0.1 | 7:57                                                                                | 4:37 |  |

| Date |     | High |     |          |     | Low  |     |      |      |  |  |                                                                                     |
|------|-----|------|-----|----------|-----|------|-----|------|------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM       | ft  | AM   | ft  | PM   | ft   | Rise                                                                               | Set                                                                                | Moon                                                                                |
| 31   | Thu | 1:11 | 7.6 | 11:52 AM | 9.3 | 6:13 | 4.2 | 7:14 | -0.4 | 7:57                                                                               | 4:38                                                                               |  |