

## Astoria (Youngs Bay), OR - Apr 1899

| Date |     | High  |     |       |     | Low   |      |       |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sat | 3:34  | 9.3 | 5:25  | 6.7 | 10:43 | 0.1  | 10:30 | 3.3 | 5:54                                                                                | 6:43 |    |
| 2    | Sun | 4:26  | 9.0 | 6:34  | 6.6 | 11:46 | 0.4  | 11:37 | 3.5 | 5:52                                                                                | 6:45 |    |
| 3    | Mon | 5:32  | 8.6 | 7:45  | 6.7 |       |      | 1:00  | 0.6 | 5:50                                                                                | 6:46 |    |
| 4    | Tue | 6:52  | 8.2 | 8:50  | 7.1 | 1:03  | 3.5  | 2:13  | 0.5 | 5:48                                                                                | 6:47 |    |
| 5    | Wed | 8:16  | 8.0 | 9:46  | 7.7 | 2:26  | 3.0  | 3:17  | 0.4 | 5:46                                                                                | 6:49 |    |
| 6    | Thu | 9:31  | 8.1 | 10:33 | 8.3 | 3:37  | 2.1  | 4:11  | 0.3 | 5:45                                                                                | 6:50 |    |
| 7    | Fri | 10:36 | 8.3 | 11:15 | 8.9 | 4:38  | 1.2  | 4:59  | 0.3 | 5:43                                                                                | 6:51 |    |
| 8    | Sat | 11:34 | 8.5 | 11:55 | 9.3 | 5:32  | 0.3  | 5:44  | 0.5 | 5:41                                                                                | 6:53 |    |
| 9    | Sun |       |     | 12:27 | 8.5 | 6:22  | -0.3 | 6:26  | 0.8 | 5:39                                                                                | 6:54 |    |
| 10   | Mon | 12:33 | 9.6 | 1:17  | 8.4 | 7:09  | -0.7 | 7:07  | 1.3 | 5:37                                                                                | 6:55 |    |
| 11   | Tue | 1:09  | 9.6 | 2:06  | 8.2 | 7:54  | -0.8 | 7:47  | 1.8 | 5:35                                                                                | 6:57 |    |
| 12   | Wed | 1:45  | 9.5 | 2:54  | 7.9 | 8:37  | -0.7 | 8:26  | 2.2 | 5:33                                                                                | 6:58 |    |
| 13   | Thu | 2:20  | 9.3 | 3:43  | 7.6 | 9:19  | -0.4 | 9:06  | 2.7 | 5:31                                                                                | 6:59 |   |
| 14   | Fri | 2:56  | 8.9 | 4:33  | 7.2 | 10:02 | 0.0  | 9:48  | 3.1 | 5:30                                                                                | 7:01 |  |
| 15   | Sat | 3:35  | 8.5 | 5:26  | 6.9 | 10:47 | 0.5  | 10:35 | 3.5 | 5:28                                                                                | 7:02 |  |
| 16   | Sun | 4:19  | 7.9 | 6:23  | 6.7 | 11:37 | 1.0  | 11:33 | 3.7 | 5:26                                                                                | 7:03 |  |
| 17   | Mon | 5:14  | 7.4 | 7:23  | 6.6 |       |      | 12:36 | 1.3 | 5:24                                                                                | 7:05 |  |
| 18   | Tue | 6:25  | 6.9 | 8:21  | 6.8 | 12:45 | 3.7  | 1:38  | 1.5 | 5:22                                                                                | 7:06 |  |
| 19   | Wed | 7:43  | 6.7 | 9:11  | 7.1 | 1:59  | 3.4  | 2:35  | 1.5 | 5:21                                                                                | 7:07 |  |
| 20   | Thu | 8:55  | 6.7 | 9:53  | 7.5 | 3:05  | 2.8  | 3:25  | 1.5 | 5:19                                                                                | 7:08 |  |
| 21   | Fri | 9:57  | 6.9 | 10:30 | 7.9 | 4:00  | 2.1  | 4:09  | 1.5 | 5:17                                                                                | 7:10 |  |
| 22   | Sat | 10:51 | 7.1 | 11:03 | 8.3 | 4:49  | 1.4  | 4:50  | 1.6 | 5:15                                                                                | 7:11 |  |
| 23   | Sun | 11:40 | 7.3 | 11:34 | 8.7 | 5:32  | 0.7  | 5:29  | 1.8 | 5:14                                                                                | 7:12 |  |
| 24   | Mon |       |     | 12:27 | 7.5 | 6:14  | 0.1  | 6:07  | 2.0 | 5:12                                                                                | 7:14 |  |
| 25   | Tue | 12:05 | 9.0 | 1:12  | 7.6 | 6:55  | -0.3 | 6:45  | 2.3 | 5:10                                                                                | 7:15 |  |
| 26   | Wed | 12:37 | 9.3 | 1:57  | 7.6 | 7:35  | -0.7 | 7:24  | 2.5 | 5:09                                                                                | 7:16 |  |
| 27   | Thu | 1:11  | 9.5 | 2:44  | 7.6 | 8:16  | -0.8 | 8:05  | 2.7 | 5:07                                                                                | 7:18 |  |
| 28   | Fri | 1:50  | 9.6 | 3:32  | 7.5 | 8:58  | -0.9 | 8:49  | 2.9 | 5:05                                                                                | 7:19 |  |
| 29   | Sat | 2:32  | 9.5 | 4:24  | 7.3 | 9:44  | -0.7 | 9:37  | 3.1 | 5:04                                                                                | 7:20 |  |
| 30   | Sun | 3:21  | 9.2 | 5:19  | 7.2 | 10:34 | -0.5 | 10:35 | 3.2 | 5:02                                                                                | 7:22 |  |