

## Astoria, OR - Apr 1891

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 4:54  | 8.6 | 7:21  | 6.1 |       |      | 12:21 | 0.7  | 5:54                                                                                | 6:43 |    |
| 2    | Thu | 5:58  | 8.3 | 8:39  | 6.3 | 12:04 | 3.9  | 1:43  | 0.7  | 5:52                                                                                | 6:44 |    |
| 3    | Fri | 7:20  | 8.1 | 9:45  | 6.8 | 1:37  | 4.0  | 3:00  | 0.4  | 5:50                                                                                | 6:46 |    |
| 4    | Sat | 8:46  | 8.1 | 10:37 | 7.4 | 3:03  | 3.5  | 4:04  | 0.0  | 5:48                                                                                | 6:47 |    |
| 5    | Sun | 10:01 | 8.4 | 11:21 | 8.0 | 4:12  | 2.7  | 4:57  | -0.3 | 5:46                                                                                | 6:48 |    |
| 6    | Mon | 11:05 | 8.7 |       |     | 5:12  | 1.7  | 5:44  | -0.5 | 5:44                                                                                | 6:50 |    |
| 7    | Tue | 12:01 | 8.6 | 12:03 | 8.9 | 6:06  | 0.7  | 6:28  | -0.4 | 5:42                                                                                | 6:51 |    |
| 8    | Wed | 12:40 | 9.1 | 12:57 | 8.8 | 6:57  | -0.1 | 7:09  | 0.0  | 5:41                                                                                | 6:52 |    |
| 9    | Thu | 1:17  | 9.4 | 1:49  | 8.6 | 7:45  | -0.7 | 7:50  | 0.5  | 5:39                                                                                | 6:54 |    |
| 10   | Fri | 1:53  | 9.6 | 2:41  | 8.3 | 8:32  | -1.0 | 8:30  | 1.1  | 5:37                                                                                | 6:55 |    |
| 11   | Sat | 2:29  | 9.6 | 3:33  | 7.9 | 9:18  | -0.9 | 9:10  | 1.8  | 5:35                                                                                | 6:56 |    |
| 12   | Sun | 3:06  | 9.4 | 4:27  | 7.4 | 10:04 | -0.7 | 9:51  | 2.5  | 5:33                                                                                | 6:58 |   |
| 13   | Mon | 3:44  | 8.9 | 5:25  | 7.0 | 10:53 | -0.2 | 10:37 | 3.2  | 5:31                                                                                | 6:59 |  |
| 14   | Tue | 4:27  | 8.4 | 6:28  | 6.7 | 11:48 | 0.4  | 11:33 | 3.7  | 5:29                                                                                | 7:00 |  |
| 15   | Wed | 5:19  | 7.8 | 7:36  | 6.6 |       |      | 12:51 | 0.8  | 5:28                                                                                | 7:02 |  |
| 16   | Thu | 6:25  | 7.2 | 8:43  | 6.7 | 12:45 | 4.0  | 2:00  | 1.1  | 5:26                                                                                | 7:03 |  |
| 17   | Fri | 7:44  | 6.9 | 9:40  | 7.0 | 2:04  | 3.9  | 3:04  | 1.1  | 5:24                                                                                | 7:04 |  |
| 18   | Sat | 9:00  | 6.8 | 10:26 | 7.3 | 3:16  | 3.4  | 3:57  | 1.0  | 5:22                                                                                | 7:06 |  |
| 19   | Sun | 10:04 | 7.0 | 11:04 | 7.7 | 4:14  | 2.7  | 4:41  | 0.9  | 5:20                                                                                | 7:07 |  |
| 20   | Mon | 10:57 | 7.2 | 11:37 | 8.0 | 5:03  | 2.0  | 5:19  | 0.9  | 5:19                                                                                | 7:08 |  |
| 21   | Tue | 11:44 | 7.4 |       |     | 5:47  | 1.3  | 5:54  | 1.0  | 5:17                                                                                | 7:09 |  |
| 22   | Wed | 12:07 | 8.3 | 12:28 | 7.4 | 6:27  | 0.7  | 6:27  | 1.2  | 5:15                                                                                | 7:11 |  |
| 23   | Thu | 12:34 | 8.5 | 1:10  | 7.5 | 7:05  | 0.3  | 7:00  | 1.5  | 5:13                                                                                | 7:12 |  |
| 24   | Fri | 12:59 | 8.7 | 1:52  | 7.4 | 7:41  | -0.1 | 7:32  | 1.9  | 5:12                                                                                | 7:13 |  |
| 25   | Sat | 1:24  | 8.9 | 2:35  | 7.4 | 8:16  | -0.3 | 8:05  | 2.3  | 5:10                                                                                | 7:15 |  |
| 26   | Sun | 1:51  | 9.0 | 3:19  | 7.2 | 8:51  | -0.5 | 8:39  | 2.7  | 5:08                                                                                | 7:16 |  |
| 27   | Mon | 2:22  | 9.1 | 4:06  | 7.0 | 9:29  | -0.5 | 9:16  | 3.1  | 5:07                                                                                | 7:17 |  |
| 28   | Tue | 2:59  | 9.1 | 4:59  | 6.8 | 10:11 | -0.4 | 10:00 | 3.4  | 5:05                                                                                | 7:19 |  |
| 29   | Wed | 3:43  | 8.9 | 6:00  | 6.6 | 11:02 | -0.2 | 10:55 | 3.7  | 5:04                                                                                | 7:20 |  |
| 30   | Thu | 4:38  | 8.5 | 7:05  | 6.6 |       |      | 12:05 | 0.1  | 5:02                                                                                | 7:21 |  |