

## Astoria, OR - Sep 1891

| Date |     | High  |     |       |     | Low   |      |          |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue |       |     | 12:38 | 7.3 | 6:21  | -0.7 | 6:14     | 2.0  | 5:35                                                                                | 6:54 |    |
| 2    | Wed | 12:06 | 8.0 | 1:13  | 7.5 | 6:57  | -0.7 | 6:56     | 1.6  | 5:36                                                                                | 6:52 |    |
| 3    | Thu | 12:47 | 8.0 | 1:44  | 7.5 | 7:29  | -0.6 | 7:34     | 1.3  | 5:37                                                                                | 6:50 |    |
| 4    | Fri | 1:25  | 7.8 | 2:11  | 7.6 | 7:58  | -0.4 | 8:11     | 1.0  | 5:39                                                                                | 6:48 |    |
| 5    | Sat | 2:02  | 7.6 | 2:36  | 7.6 | 8:25  | 0.0  | 8:45     | 0.8  | 5:40                                                                                | 6:46 |    |
| 6    | Sun | 2:39  | 7.3 | 2:59  | 7.7 | 8:50  | 0.4  | 9:18     | 0.6  | 5:41                                                                                | 6:44 |    |
| 7    | Mon | 3:18  | 6.9 | 3:21  | 7.8 | 9:16  | 0.9  | 9:51     | 0.6  | 5:43                                                                                | 6:42 |    |
| 8    | Tue | 4:00  | 6.5 | 3:46  | 7.9 | 9:43  | 1.4  | 10:29    | 0.6  | 5:44                                                                                | 6:40 |    |
| 9    | Wed | 4:49  | 6.0 | 4:19  | 7.9 | 10:15 | 2.1  | 11:15    | 0.7  | 5:45                                                                                | 6:39 |    |
| 10   | Thu | 5:52  | 5.6 | 5:00  | 7.8 | 10:57 | 2.7  |          |      | 5:46                                                                                | 6:37 |    |
| 11   | Fri | 7:13  | 5.4 | 5:57  | 7.6 | 12:18 | 0.8  | 11:55 AM | 3.3  | 5:48                                                                                | 6:35 |    |
| 12   | Sat | 8:38  | 5.5 | 7:10  | 7.6 | 1:41  | 0.7  | 1:20     | 3.6  | 5:49                                                                                | 6:33 |    |
| 13   | Sun | 9:50  | 5.9 | 8:32  | 7.7 | 3:01  | 0.4  | 2:48     | 3.5  | 5:50                                                                                | 6:31 |   |
| 14   | Mon | 10:45 | 6.5 | 9:46  | 8.1 | 4:06  | -0.2 | 4:00     | 2.9  | 5:51                                                                                | 6:29 |  |
| 15   | Tue | 11:30 | 7.0 | 10:50 | 8.5 | 5:00  | -0.8 | 5:00     | 2.1  | 5:53                                                                                | 6:27 |  |
| 16   | Wed |       |     | 12:10 | 7.6 | 5:48  | -1.2 | 5:54     | 1.3  | 5:54                                                                                | 6:25 |  |
| 17   | Thu |       |     | 12:48 | 8.1 | 6:32  | -1.3 | 6:45     | 0.5  | 5:55                                                                                | 6:23 |  |
| 18   | Fri | 12:40 | 9.0 | 1:25  | 8.5 | 7:14  | -1.2 | 7:34     | -0.3 | 5:56                                                                                | 6:21 |  |
| 19   | Sat | 1:33  | 8.8 | 2:02  | 8.9 | 7:54  | -0.9 | 8:23     | -0.8 | 5:58                                                                                | 6:19 |  |
| 20   | Sun | 2:25  | 8.5 | 2:39  | 9.0 | 8:33  | -0.3 | 9:11     | -1.0 | 5:59                                                                                | 6:17 |  |
| 21   | Mon | 3:18  | 8.0 | 3:17  | 9.0 | 9:13  | 0.4  | 10:01    | -0.9 | 6:00                                                                                | 6:15 |  |
| 22   | Tue | 4:14  | 7.4 | 3:57  | 8.8 | 9:54  | 1.2  | 10:54    | -0.6 | 6:02                                                                                | 6:13 |  |
| 23   | Wed | 5:15  | 6.8 | 4:42  | 8.4 | 10:40 | 2.1  | 11:54    | -0.2 | 6:03                                                                                | 6:11 |  |
| 24   | Thu | 6:24  | 6.4 | 5:35  | 7.9 | 11:36 | 2.9  |          |      | 6:04                                                                                | 6:09 |  |
| 25   | Fri | 7:39  | 6.2 | 6:42  | 7.4 | 1:04  | 0.2  | 12:48    | 3.4  | 6:05                                                                                | 6:07 |  |
| 26   | Sat | 8:53  | 6.3 | 8:00  | 7.1 | 2:19  | 0.4  | 2:09     | 3.4  | 6:07                                                                                | 6:05 |  |
| 27   | Sun | 9:56  | 6.7 | 9:14  | 7.1 | 3:27  | 0.3  | 3:23     | 3.1  | 6:08                                                                                | 6:03 |  |
| 28   | Mon | 10:46 | 7.1 | 10:16 | 7.3 | 4:22  | 0.1  | 4:23     | 2.5  | 6:09                                                                                | 6:01 |  |
| 29   | Tue | 11:26 | 7.4 | 11:07 | 7.5 | 5:07  | 0.0  | 5:13     | 1.9  | 6:11                                                                                | 5:59 |  |
| 30   | Wed |       |     | 12:01 | 7.7 | 5:45  | -0.1 | 5:56     | 1.3  | 6:12                                                                                | 5:57 |  |