

## Astoria, OR - Dec 1885

| Date |     | High  |     |          |      | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue | 9:05  | 9.0 | 9:41     | 7.2  | 2:40  | 1.5 | 3:42  | 1.1  | 7:38                                                                                | 4:30 |    |
| 2    | Wed | 9:54  | 9.3 | 10:45    | 7.5  | 3:36  | 1.8 | 4:39  | 0.4  | 7:39                                                                                | 4:30 |    |
| 3    | Thu | 10:39 | 9.6 | 11:40    | 7.8  | 4:29  | 2.0 | 5:29  | -0.1 | 7:40                                                                                | 4:30 |    |
| 4    | Fri | 11:21 | 9.7 |          |      | 5:17  | 2.3 | 6:15  | -0.5 | 7:41                                                                                | 4:29 |    |
| 5    | Sat | 12:29 | 8.0 | 11:59 AM | 9.7  | 6:02  | 2.5 | 6:57  | -0.6 | 7:42                                                                                | 4:29 |    |
| 6    | Sun | 1:15  | 8.1 | 12:36    | 9.6  | 6:45  | 2.8 | 7:37  | -0.6 | 7:43                                                                                | 4:29 |    |
| 7    | Mon | 1:59  | 8.2 | 1:11     | 9.4  | 7:27  | 3.0 | 8:14  | -0.5 | 7:44                                                                                | 4:29 |    |
| 8    | Tue | 2:40  | 8.1 | 1:46     | 9.1  | 8:07  | 3.1 | 8:48  | -0.3 | 7:45                                                                                | 4:29 |    |
| 9    | Wed | 3:19  | 8.0 | 2:20     | 8.9  | 8:46  | 3.2 | 9:20  | 0.0  | 7:46                                                                                | 4:29 |    |
| 10   | Thu | 3:58  | 7.9 | 2:56     | 8.5  | 9:26  | 3.3 | 9:52  | 0.3  | 7:47                                                                                | 4:29 |    |
| 11   | Fri | 4:36  | 7.8 | 3:35     | 8.1  | 10:07 | 3.4 | 10:25 | 0.7  | 7:48                                                                                | 4:29 |    |
| 12   | Sat | 5:15  | 7.8 | 4:21     | 7.6  | 10:54 | 3.4 | 11:02 | 1.1  | 7:49                                                                                | 4:29 |   |
| 13   | Sun | 5:56  | 7.8 | 5:16     | 7.1  | 11:50 | 3.3 | 11:45 | 1.5  | 7:50                                                                                | 4:29 |  |
| 14   | Mon | 6:40  | 7.9 | 6:27     | 6.6  |       |     | 12:55 | 3.1  | 7:50                                                                                | 4:29 |  |
| 15   | Tue | 7:28  | 8.0 | 7:47     | 6.4  | 12:39 | 2.0 | 2:04  | 2.7  | 7:51                                                                                | 4:29 |  |
| 16   | Wed | 8:17  | 8.4 | 9:05     | 6.5  | 1:39  | 2.3 | 3:08  | 2.0  | 7:52                                                                                | 4:30 |  |
| 17   | Thu | 9:05  | 8.8 | 10:13    | 6.9  | 2:41  | 2.6 | 4:06  | 1.2  | 7:53                                                                                | 4:30 |  |
| 18   | Fri | 9:53  | 9.2 | 11:13    | 7.3  | 3:40  | 2.8 | 4:58  | 0.5  | 7:53                                                                                | 4:30 |  |
| 19   | Sat | 10:39 | 9.7 |          |      | 4:35  | 2.9 | 5:47  | -0.2 | 7:54                                                                                | 4:31 |  |
| 20   | Sun | 12:07 | 7.8 | 11:25 AM | 10.1 | 5:29  | 2.9 | 6:35  | -0.8 | 7:54                                                                                | 4:31 |  |
| 21   | Mon | 12:57 | 8.2 | 12:12    | 10.4 | 6:21  | 2.8 | 7:22  | -1.2 | 7:55                                                                                | 4:32 |  |
| 22   | Tue | 1:45  | 8.5 | 1:00     | 10.4 | 7:13  | 2.7 | 8:07  | -1.4 | 7:55                                                                                | 4:32 |  |
| 23   | Wed | 2:32  | 8.7 | 1:49     | 10.3 | 8:05  | 2.6 | 8:53  | -1.3 | 7:56                                                                                | 4:33 |  |
| 24   | Thu | 3:19  | 8.9 | 2:40     | 10.0 | 8:57  | 2.5 | 9:37  | -1.0 | 7:56                                                                                | 4:33 |  |
| 25   | Fri | 4:06  | 8.9 | 3:34     | 9.4  | 9:51  | 2.4 | 10:23 | -0.5 | 7:56                                                                                | 4:34 |  |
| 26   | Sat | 4:54  | 9.0 | 4:32     | 8.7  | 10:48 | 2.3 | 11:10 | 0.1  | 7:57                                                                                | 4:35 |  |
| 27   | Sun | 5:44  | 9.0 | 5:37     | 7.9  | 11:51 | 2.2 |       |      | 7:57                                                                                | 4:35 |  |
| 28   | Mon | 6:36  | 9.0 | 6:51     | 7.3  | 12:02 | 0.9 | 1:01  | 2.1  | 7:57                                                                                | 4:36 |  |
| 29   | Tue | 7:31  | 9.1 | 8:08     | 6.9  | 12:59 | 1.6 | 2:13  | 1.7  | 7:57                                                                                | 4:37 |  |
| 30   | Wed | 8:26  | 9.1 | 9:24     | 6.9  | 2:00  | 2.2 | 3:21  | 1.2  | 7:58                                                                                | 4:38 |  |
| 31   | Thu | 9:19  | 9.3 | 10:29    | 7.2  | 3:01  | 2.7 | 4:21  | 0.6  | 7:58                                                                                | 4:39 |  |