

## Settlers Point, Columbia River, OR - Jul 1861

| Date |     | High  |     |       |     | Low   |      |          |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 8:32  | 5.0 | 8:21  | 7.3 | 3:04  | 1.4  | 2:22     | 2.5 | 4:33                                                                                | 8:16 |    |
| 2    | Tue | 9:46  | 5.1 | 9:08  | 7.4 | 4:05  | 0.9  | 3:21     | 2.9 | 4:34                                                                                | 8:16 |    |
| 3    | Wed | 10:52 | 5.4 | 9:55  | 7.6 | 5:02  | 0.4  | 4:20     | 3.2 | 4:35                                                                                | 8:16 |    |
| 4    | Thu | 11:48 | 5.8 | 10:42 | 7.8 | 5:52  | 0.0  | 5:16     | 3.3 | 4:35                                                                                | 8:15 |    |
| 5    | Fri |       |     | 12:36 | 6.1 | 6:38  | -0.4 | 6:08     | 3.3 | 4:36                                                                                | 8:15 |    |
| 6    | Sat |       |     | 1:20  | 6.4 | 7:21  | -0.8 | 6:57     | 3.1 | 4:37                                                                                | 8:15 |    |
| 7    | Sun | 12:10 | 8.2 | 2:00  | 6.6 | 8:01  | -1.1 | 7:44     | 2.9 | 4:37                                                                                | 8:14 |    |
| 8    | Mon | 12:52 | 8.3 | 2:37  | 6.8 | 8:39  | -1.3 | 8:29     | 2.6 | 4:38                                                                                | 8:14 |    |
| 9    | Tue | 1:35  | 8.4 | 3:12  | 7.0 | 9:15  | -1.4 | 9:13     | 2.2 | 4:39                                                                                | 8:13 |    |
| 10   | Wed | 2:19  | 8.3 | 3:47  | 7.2 | 9:50  | -1.4 | 9:57     | 1.9 | 4:40                                                                                | 8:13 |    |
| 11   | Thu | 3:05  | 8.0 | 4:21  | 7.4 | 10:24 | -1.1 | 10:44    | 1.5 | 4:41                                                                                | 8:12 |    |
| 12   | Fri | 3:55  | 7.5 | 4:57  | 7.7 | 11:00 | -0.7 | 11:35    | 1.2 | 4:42                                                                                | 8:12 |   |
| 13   | Sat | 4:51  | 6.9 | 5:36  | 7.9 | 11:38 | 0.0  |          |     | 4:43                                                                                | 8:11 |  |
| 14   | Sun | 5:55  | 6.2 | 6:21  | 8.1 | 12:33 | 0.9  | 12:22    | 0.7 | 4:44                                                                                | 8:10 |  |
| 15   | Mon | 7:10  | 5.6 | 7:12  | 8.2 | 1:40  | 0.7  | 1:15     | 1.6 | 4:44                                                                                | 8:09 |  |
| 16   | Tue | 8:33  | 5.3 | 8:10  | 8.3 | 2:54  | 0.3  | 2:20     | 2.3 | 4:45                                                                                | 8:09 |  |
| 17   | Wed | 9:55  | 5.5 | 9:12  | 8.4 | 4:07  | -0.2 | 3:32     | 2.7 | 4:46                                                                                | 8:08 |  |
| 18   | Thu | 11:06 | 5.8 | 10:15 | 8.6 | 5:13  | -0.7 | 4:42     | 2.8 | 4:47                                                                                | 8:07 |  |
| 19   | Fri |       |     | 12:05 | 6.3 | 6:12  | -1.1 | 5:47     | 2.7 | 4:48                                                                                | 8:06 |  |
| 20   | Sat |       |     | 12:56 | 6.7 | 7:04  | -1.4 | 6:46     | 2.5 | 4:50                                                                                | 8:05 |  |
| 21   | Sun | 12:08 | 8.7 | 1:42  | 7.0 | 7:51  | -1.6 | 7:40     | 2.1 | 4:51                                                                                | 8:04 |  |
| 22   | Mon | 12:58 | 8.5 | 2:24  | 7.2 | 8:34  | -1.5 | 8:30     | 1.8 | 4:52                                                                                | 8:03 |  |
| 23   | Tue | 1:45  | 8.3 | 3:03  | 7.3 | 9:12  | -1.3 | 9:17     | 1.6 | 4:53                                                                                | 8:02 |  |
| 24   | Wed | 2:30  | 7.9 | 3:38  | 7.3 | 9:47  | -1.0 | 10:01    | 1.4 | 4:54                                                                                | 8:01 |  |
| 25   | Thu | 3:14  | 7.4 | 4:11  | 7.3 | 10:18 | -0.5 | 10:44    | 1.2 | 4:55                                                                                | 8:00 |  |
| 26   | Fri | 3:59  | 6.8 | 4:43  | 7.3 | 10:48 | 0.1  | 11:27    | 1.2 | 4:56                                                                                | 7:59 |  |
| 27   | Sat | 4:46  | 6.2 | 5:14  | 7.3 | 11:18 | 0.7  |          |     | 4:57                                                                                | 7:58 |  |
| 28   | Sun | 5:38  | 5.6 | 5:47  | 7.2 | 12:13 | 1.2  | 11:50 AM | 1.4 | 4:58                                                                                | 7:56 |  |
| 29   | Mon | 6:41  | 5.1 | 6:25  | 7.1 | 1:07  | 1.2  | 12:29    | 2.1 | 5:00                                                                                | 7:55 |  |
| 30   | Tue | 7:54  | 4.8 | 7:12  | 7.1 | 2:10  | 1.2  | 1:21     | 2.8 | 5:01                                                                                | 7:54 |  |
| 31   | Wed | 9:13  | 4.8 | 8:09  | 7.1 | 3:19  | 1.0  | 2:29     | 3.2 | 5:02                                                                                | 7:53 |  |