

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

| Date |     | High  |     |          |      | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sun | 12:53 | 7.4 | 12:07    | 10.1 | 6:42  | 2.8 | 7:52  | -1.6 | 7:44                                                                                | 4:37 |    |
| 2    | Mon | 1:46  | 7.6 | 12:55    | 10.1 | 7:36  | 2.9 | 8:41  | -1.7 | 7:45                                                                                | 4:37 |    |
| 3    | Tue | 2:38  | 7.8 | 1:44     | 9.9  | 8:29  | 2.9 | 9:29  | -1.6 | 7:46                                                                                | 4:37 |    |
| 4    | Wed | 3:28  | 7.8 | 2:33     | 9.5  | 9:22  | 2.9 | 10:16 | -1.3 | 7:47                                                                                | 4:36 |    |
| 5    | Thu | 4:17  | 7.8 | 3:24     | 8.9  | 10:15 | 2.9 | 11:00 | -0.7 | 7:49                                                                                | 4:36 |    |
| 6    | Fri | 5:05  | 7.8 | 4:18     | 8.2  | 11:10 | 2.9 | 11:45 | -0.1 | 7:50                                                                                | 4:36 |    |
| 7    | Sat | 5:53  | 7.7 | 5:16     | 7.3  |       |     | 12:09 | 2.8  | 7:51                                                                                | 4:36 |    |
| 8    | Sun | 6:41  | 7.7 | 6:22     | 6.6  | 12:30 | 0.6 | 1:13  | 2.7  | 7:52                                                                                | 4:36 |    |
| 9    | Mon | 7:30  | 7.7 | 7:35     | 6.0  | 1:18  | 1.3 | 2:22  | 2.4  | 7:53                                                                                | 4:36 |    |
| 10   | Tue | 8:17  | 7.8 | 8:51     | 5.8  | 2:10  | 2.0 | 3:30  | 1.9  | 7:54                                                                                | 4:36 |    |
| 11   | Wed | 9:04  | 8.0 | 10:03    | 5.9  | 3:04  | 2.6 | 4:30  | 1.3  | 7:54                                                                                | 4:36 |    |
| 12   | Thu | 9:48  | 8.2 | 11:06    | 6.2  | 3:58  | 3.0 | 5:23  | 0.8  | 7:55                                                                                | 4:36 |   |
| 13   | Fri | 10:29 | 8.4 | 11:59    | 6.6  | 4:50  | 3.4 | 6:09  | 0.3  | 7:56                                                                                | 4:36 |  |
| 14   | Sat | 11:08 | 8.5 |          |      | 5:38  | 3.6 | 6:52  | -0.1 | 7:57                                                                                | 4:36 |  |
| 15   | Sun | 12:46 | 6.9 | 11:45 AM | 8.7  | 6:24  | 3.7 | 7:32  | -0.3 | 7:58                                                                                | 4:36 |  |
| 16   | Mon | 1:29  | 7.2 | 12:21    | 8.8  | 7:08  | 3.8 | 8:10  | -0.4 | 7:58                                                                                | 4:36 |  |
| 17   | Tue | 2:09  | 7.3 | 12:57    | 8.8  | 7:51  | 3.7 | 8:46  | -0.5 | 7:59                                                                                | 4:37 |  |
| 18   | Wed | 2:47  | 7.4 | 1:33     | 8.8  | 8:32  | 3.7 | 9:20  | -0.6 | 8:00                                                                                | 4:37 |  |
| 19   | Thu | 3:24  | 7.4 | 2:11     | 8.7  | 9:12  | 3.5 | 9:52  | -0.5 | 8:00                                                                                | 4:37 |  |
| 20   | Fri | 3:58  | 7.5 | 2:51     | 8.5  | 9:52  | 3.3 | 10:25 | -0.4 | 8:01                                                                                | 4:38 |  |
| 21   | Sat | 4:32  | 7.6 | 3:35     | 8.2  | 10:35 | 3.1 | 10:58 | -0.1 | 8:01                                                                                | 4:38 |  |
| 22   | Sun | 5:07  | 7.7 | 4:25     | 7.7  | 11:22 | 2.8 | 11:35 | 0.3  | 8:02                                                                                | 4:39 |  |
| 23   | Mon | 5:44  | 7.9 | 5:25     | 7.0  |       |     | 12:18 | 2.6  | 8:02                                                                                | 4:39 |  |
| 24   | Tue | 6:26  | 8.2 | 6:38     | 6.4  | 12:17 | 1.0 | 1:24  | 2.2  | 8:03                                                                                | 4:40 |  |
| 25   | Wed | 7:14  | 8.5 | 8:03     | 6.0  | 1:07  | 1.7 | 2:37  | 1.7  | 8:03                                                                                | 4:41 |  |
| 26   | Thu | 8:07  | 8.8 | 9:29     | 6.0  | 2:07  | 2.4 | 3:50  | 1.0  | 8:03                                                                                | 4:41 |  |
| 27   | Fri | 9:03  | 9.2 | 10:45    | 6.4  | 3:15  | 3.0 | 4:56  | 0.2  | 8:04                                                                                | 4:42 |  |
| 28   | Sat | 10:01 | 9.5 | 11:50    | 6.9  | 4:23  | 3.3 | 5:56  | -0.5 | 8:04                                                                                | 4:43 |  |
| 29   | Sun | 10:57 | 9.8 |          |      | 5:28  | 3.4 | 6:51  | -1.0 | 8:04                                                                                | 4:44 |  |
| 30   | Mon | 12:46 | 7.3 | 11:52 AM | 10.0 | 6:28  | 3.3 | 7:42  | -1.3 | 8:04                                                                                | 4:45 |  |
| 31   | Tue | 1:37  | 7.7 | 12:44    | 10.0 | 7:26  | 3.2 | 8:29  | -1.4 | 8:04                                                                                | 4:45 |  |