

## Settlers Point, Columbia River, OR - Jun 1848

| Date |     | High  |     |       |     | Low   |      |       |     |  |      |  |
|------|-----|-------|-----|-------|-----|-------|------|-------|-----|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                |
| 1    | Thu | 12:30 | 9.4 | 1:48  | 7.5 | 8:03  | -1.7 | 7:54  | 1.8 | 4:33                                                                                | 8:05 | ●                                                                                   |
| 2    | Fri | 1:17  | 9.4 | 2:41  | 7.6 | 8:52  | -1.9 | 8:45  | 1.9 | 4:32                                                                                | 8:06 | ●                                                                                   |
| 3    | Sat | 2:04  | 9.2 | 3:32  | 7.6 | 9:40  | -1.8 | 9:37  | 2.0 | 4:31                                                                                | 8:07 | ●                                                                                   |
| 4    | Sun | 2:52  | 8.9 | 4:22  | 7.6 | 10:26 | -1.5 | 10:28 | 2.2 | 4:31                                                                                | 8:08 | ●                                                                                   |
| 5    | Mon | 3:41  | 8.3 | 5:12  | 7.5 | 11:11 | -1.0 | 11:21 | 2.3 | 4:31                                                                                | 8:08 | ◐                                                                                   |
| 6    | Tue | 4:32  | 7.7 | 6:02  | 7.4 | 11:57 | -0.5 |       |     | 4:30                                                                                | 8:09 | ◑                                                                                   |
| 7    | Wed | 5:29  | 7.0 | 6:52  | 7.3 | 12:18 | 2.4  | 12:45 | 0.2 | 4:30                                                                                | 8:10 | ◑                                                                                   |
| 8    | Thu | 6:32  | 6.3 | 7:43  | 7.3 | 1:20  | 2.4  | 1:35  | 0.7 | 4:30                                                                                | 8:11 | ◑                                                                                   |
| 9    | Fri | 7:41  | 5.8 | 8:32  | 7.3 | 2:26  | 2.1  | 2:29  | 1.2 | 4:29                                                                                | 8:11 | ◑                                                                                   |
| 10   | Sat | 8:52  | 5.6 | 9:20  | 7.5 | 3:32  | 1.7  | 3:22  | 1.6 | 4:29                                                                                | 8:12 | ◑                                                                                   |
| 11   | Sun | 9:59  | 5.7 | 10:04 | 7.7 | 4:31  | 1.2  | 4:14  | 1.9 | 4:29                                                                                | 8:12 | ◑                                                                                   |
| 12   | Mon | 10:59 | 5.9 | 10:44 | 7.9 | 5:23  | 0.6  | 5:02  | 2.1 | 4:29                                                                                | 8:13 | ◑                                                                                   |
| 13   | Tue | 11:51 | 6.2 | 11:22 | 8.1 | 6:09  | 0.1  | 5:48  | 2.3 | 4:29                                                                                | 8:13 | ○                                                                                   |
| 14   | Wed |       |     | 12:38 | 6.4 | 6:52  | -0.2 | 6:33  | 2.5 | 4:29                                                                                | 8:14 | ○                                                                                   |
| 15   | Thu |       |     | 1:23  | 6.6 | 7:32  | -0.5 | 7:16  | 2.6 | 4:29                                                                                | 8:14 | ○                                                                                   |
| 16   | Fri | 12:33 | 8.3 | 2:04  | 6.8 | 8:10  | -0.7 | 7:58  | 2.6 | 4:29                                                                                | 8:15 | ○                                                                                   |
| 17   | Sat | 1:08  | 8.3 | 2:44  | 6.9 | 8:47  | -0.9 | 8:39  | 2.6 | 4:29                                                                                | 8:15 | ○                                                                                   |
| 18   | Sun | 1:44  | 8.3 | 3:23  | 6.9 | 9:22  | -0.9 | 9:20  | 2.6 | 4:29                                                                                | 8:16 | ○                                                                                   |
| 19   | Mon | 2:22  | 8.3 | 4:01  | 7.0 | 9:57  | -1.0 | 10:01 | 2.5 | 4:29                                                                                | 8:16 | ○                                                                                   |
| 20   | Tue | 3:03  | 8.1 | 4:39  | 7.0 | 10:33 | -0.9 | 10:46 | 2.4 | 4:29                                                                                | 8:16 | ○                                                                                   |
| 21   | Wed | 3:49  | 7.8 | 5:19  | 7.1 | 11:10 | -0.7 | 11:35 | 2.2 | 4:29                                                                                | 8:16 | ○                                                                                   |
| 22   | Thu | 4:41  | 7.4 | 6:03  | 7.3 | 11:52 | -0.3 |       |     | 4:29                                                                                | 8:16 | ○                                                                                   |
| 23   | Fri | 5:43  | 6.8 | 6:51  | 7.5 | 12:34 | 2.0  | 12:41 | 0.2 | 4:30                                                                                | 8:17 | ○                                                                                   |
| 24   | Sat | 6:55  | 6.3 | 7:43  | 7.8 | 1:42  | 1.7  | 1:37  | 0.7 | 4:30                                                                                | 8:17 | ◐                                                                                   |
| 25   | Sun | 8:15  | 6.0 | 8:38  | 8.1 | 2:54  | 1.2  | 2:40  | 1.2 | 4:30                                                                                | 8:17 | ◑                                                                                   |
| 26   | Mon | 9:33  | 6.0 | 9:33  | 8.5 | 4:03  | 0.5  | 3:45  | 1.6 | 4:31                                                                                | 8:17 | ◑                                                                                   |
| 27   | Tue | 10:44 | 6.3 | 10:28 | 8.8 | 5:06  | -0.3 | 4:47  | 1.8 | 4:31                                                                                | 8:17 | ◑                                                                                   |
| 28   | Wed | 11:47 | 6.7 | 11:20 | 9.1 | 6:04  | -0.9 | 5:46  | 1.9 | 4:32                                                                                | 8:17 | ◑                                                                                   |
| 29   | Thu |       |     | 12:44 | 7.0 | 6:58  | -1.4 | 6:43  | 2.0 | 4:32                                                                                | 8:17 | ◑                                                                                   |
| 30   | Fri | 12:10 | 9.2 | 1:36  | 7.3 | 7:49  | -1.7 | 7:38  | 1.9 | 4:33                                                                                | 8:16 | ◑                                                                                   |