


































Settlers Point, Columbia River, OR - Dec 2023

| Date | | High | | | | Low | | | |  | |  |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|---|------|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Fri | 4:46 | 7.1 | 3:24 | 8.1 | 10:26 | 3.8 | 11:15 | 0.1 | 7:36 | 4:30 |  |
| 2 | Sat | 5:32 | 6.9 | 4:08 | 7.6 | 11:13 | 3.9 | 11:56 | 0.6 | 7:37 | 4:30 |  |
| 3 | Sun | 6:19 | 6.8 | 5:00 | 6.9 | | | 12:08 | 3.9 | 7:39 | 4:30 |  |
| 4 | Mon | 7:06 | 6.8 | 6:04 | 6.3 | 12:40 | 1.0 | 1:12 | 3.8 | 7:40 | 4:29 |  |
| 5 | Tue | 7:53 | 7.0 | 7:21 | 5.9 | 1:28 | 1.4 | 2:23 | 3.4 | 7:41 | 4:29 |  |
| 6 | Wed | 8:37 | 7.2 | 8:41 | 5.7 | 2:21 | 1.8 | 3:30 | 2.8 | 7:42 | 4:29 |  |
| 7 | Thu | 9:18 | 7.6 | 9:54 | 5.8 | 3:13 | 2.2 | 4:29 | 2.0 | 7:43 | 4:29 |  |
| 8 | Fri | 9:56 | 8.0 | 10:58 | 6.1 | 4:03 | 2.5 | 5:19 | 1.2 | 7:44 | 4:28 |  |
| 9 | Sat | 10:32 | 8.4 | 11:54 | 6.5 | 4:51 | 2.8 | 6:05 | 0.5 | 7:45 | 4:28 |  |
| 10 | Sun | 11:07 | 8.8 | | | 5:38 | 3.1 | 6:49 | -0.1 | 7:46 | 4:28 |  |
| 11 | Mon | 12:45 | 6.8 | 11:44 AM | 9.1 | 6:23 | 3.4 | 7:32 | -0.6 | 7:47 | 4:28 |  |
| 12 | Tue | 1:33 | 7.1 | 12:22 | 9.4 | 7:09 | 3.7 | 8:15 | -0.9 | 7:48 | 4:28 |  |
| 13 | Wed | 2:19 | 7.3 | 1:03 | 9.6 | 7:56 | 3.8 | 8:58 | -1.1 | 7:48 | 4:28 |  |
| 14 | Thu | 3:05 | 7.3 | 1:47 | 9.6 | 8:43 | 3.8 | 9:41 | -1.2 | 7:49 | 4:29 |  |
| 15 | Fri | 3:51 | 7.4 | 2:35 | 9.4 | 9:31 | 3.7 | 10:25 | -1.1 | 7:50 | 4:29 |  |
| 16 | Sat | 4:37 | 7.4 | 3:27 | 9.1 | 10:23 | 3.5 | 11:11 | -0.8 | 7:51 | 4:29 |  |
| 17 | Sun | 5:24 | 7.5 | 4:24 | 8.4 | 11:20 | 3.3 | 11:58 | -0.3 | 7:51 | 4:29 |  |
| 18 | Mon | 6:12 | 7.6 | 5:29 | 7.7 | | | 12:25 | 3.1 | 7:52 | 4:30 |  |
| 19 | Tue | 7:02 | 7.9 | 6:45 | 7.0 | 12:49 | 0.3 | 1:37 | 2.6 | 7:53 | 4:30 |  |
| 20 | Wed | 7:52 | 8.2 | 8:07 | 6.5 | 1:43 | 1.0 | 2:52 | 2.0 | 7:53 | 4:30 |  |
| 21 | Thu | 8:43 | 8.6 | 9:28 | 6.3 | 2:41 | 1.6 | 4:02 | 1.2 | 7:54 | 4:31 |  |
| 22 | Fri | 9:32 | 8.9 | 10:41 | 6.5 | 3:39 | 2.2 | 5:04 | 0.4 | 7:54 | 4:31 |  |
| 23 | Sat | 10:19 | 9.2 | 11:44 | 6.9 | 4:36 | 2.7 | 5:59 | -0.3 | 7:55 | 4:32 |  |
| 24 | Sun | 11:05 | 9.4 | | | 5:30 | 3.1 | 6:50 | -0.7 | 7:55 | 4:33 |  |
| 25 | Mon | 12:40 | 7.2 | 11:48 AM | 9.4 | 6:22 | 3.4 | 7:36 | -0.9 | 7:55 | 4:33 |  |
| 26 | Tue | 1:30 | 7.4 | 12:30 | 9.4 | 7:12 | 3.6 | 8:20 | -0.9 | 7:56 | 4:34 |  |
| 27 | Wed | 2:16 | 7.6 | 1:11 | 9.2 | 7:59 | 3.7 | 9:00 | -0.8 | 7:56 | 4:35 |  |
| 28 | Thu | 2:59 | 7.6 | 1:51 | 8.9 | 8:44 | 3.7 | 9:38 | -0.6 | 7:56 | 4:35 |  |
| 29 | Fri | 3:39 | 7.6 | 2:30 | 8.6 | 9:27 | 3.7 | 10:12 | -0.3 | 7:56 | 4:36 |  |
| 30 | Sat | 4:17 | 7.5 | 3:09 | 8.2 | 10:08 | 3.6 | 10:44 | 0.0 | 7:57 | 4:37 |  |
| 31 | Sun | 4:54 | 7.4 | 3:49 | 7.7 | 10:50 | 3.5 | 11:14 | 0.5 | 7:57 | 4:38 |  |