


































Settlers Point, Columbia River, OR - Dec 1999

| Date | | High | | | | Low | | | |  | |  |
|------|-----|-------|-----|----------|------|-------|-----|-------|------|---|------|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Wed | 8:49 | 7.9 | 8:57 | 6.5 | 2:47 | 1.1 | 3:39 | 2.1 | 7:36 | 4:30 |  |
| 2 | Thu | 9:40 | 8.2 | 10:07 | 6.6 | 3:45 | 1.4 | 4:42 | 1.4 | 7:37 | 4:30 |  |
| 3 | Fri | 10:26 | 8.5 | 11:08 | 6.8 | 4:37 | 1.7 | 5:36 | 0.8 | 7:38 | 4:30 |  |
| 4 | Sat | 11:06 | 8.7 | | | 5:24 | 2.0 | 6:22 | 0.2 | 7:40 | 4:29 |  |
| 5 | Sun | 12:00 | 7.0 | 11:42 AM | 8.8 | 6:08 | 2.3 | 7:04 | -0.1 | 7:41 | 4:29 |  |
| 6 | Mon | 12:47 | 7.2 | 12:16 | 8.8 | 6:49 | 2.6 | 7:43 | -0.3 | 7:42 | 4:29 |  |
| 7 | Tue | 1:31 | 7.4 | 12:48 | 8.8 | 7:29 | 2.8 | 8:20 | -0.4 | 7:43 | 4:29 |  |
| 8 | Wed | 2:12 | 7.4 | 1:19 | 8.8 | 8:07 | 3.1 | 8:55 | -0.4 | 7:44 | 4:28 |  |
| 9 | Thu | 2:52 | 7.4 | 1:50 | 8.7 | 8:45 | 3.2 | 9:28 | -0.3 | 7:45 | 4:28 |  |
| 10 | Fri | 3:31 | 7.4 | 2:22 | 8.5 | 9:22 | 3.4 | 10:00 | -0.2 | 7:46 | 4:28 |  |
| 11 | Sat | 4:09 | 7.3 | 2:56 | 8.3 | 10:00 | 3.5 | 10:32 | 0.0 | 7:47 | 4:28 |  |
| 12 | Sun | 4:47 | 7.2 | 3:35 | 8.0 | 10:40 | 3.5 | 11:06 | 0.2 | 7:47 | 4:28 |  |
| 13 | Mon | 5:27 | 7.2 | 4:20 | 7.6 | 11:25 | 3.5 | 11:44 | 0.5 | 7:48 | 4:28 |  |
| 14 | Tue | 6:09 | 7.2 | 5:15 | 7.1 | | | 12:20 | 3.5 | 7:49 | 4:29 |  |
| 15 | Wed | 6:56 | 7.3 | 6:25 | 6.7 | 12:30 | 0.9 | 1:27 | 3.2 | 7:50 | 4:29 |  |
| 16 | Thu | 7:45 | 7.6 | 7:47 | 6.3 | 1:26 | 1.3 | 2:40 | 2.7 | 7:51 | 4:29 |  |
| 17 | Fri | 8:36 | 8.0 | 9:09 | 6.4 | 2:28 | 1.7 | 3:49 | 1.9 | 7:51 | 4:29 |  |
| 18 | Sat | 9:26 | 8.5 | 10:23 | 6.7 | 3:31 | 2.0 | 4:50 | 1.0 | 7:52 | 4:30 |  |
| 19 | Sun | 10:15 | 9.1 | 11:28 | 7.1 | 4:31 | 2.2 | 5:46 | 0.1 | 7:53 | 4:30 |  |
| 20 | Mon | 11:03 | 9.6 | | | 5:27 | 2.4 | 6:39 | -0.7 | 7:53 | 4:30 |  |
| 21 | Tue | 12:26 | 7.5 | 11:51 AM | 10.0 | 6:23 | 2.5 | 7:30 | -1.2 | 7:54 | 4:31 |  |
| 22 | Wed | 1:20 | 7.9 | 12:39 | 10.2 | 7:17 | 2.6 | 8:20 | -1.6 | 7:54 | 4:31 |  |
| 23 | Thu | 2:11 | 8.1 | 1:28 | 10.1 | 8:10 | 2.6 | 9:08 | -1.7 | 7:55 | 4:32 |  |
| 24 | Fri | 3:02 | 8.3 | 2:17 | 9.9 | 9:03 | 2.6 | 9:55 | -1.5 | 7:55 | 4:32 |  |
| 25 | Sat | 3:51 | 8.3 | 3:08 | 9.4 | 9:56 | 2.6 | 10:41 | -1.1 | 7:55 | 4:33 |  |
| 26 | Sun | 4:40 | 8.3 | 4:01 | 8.8 | 10:50 | 2.6 | 11:26 | -0.5 | 7:56 | 4:34 |  |
| 27 | Mon | 5:29 | 8.2 | 4:58 | 8.0 | 11:46 | 2.6 | | | 7:56 | 4:34 |  |
| 28 | Tue | 6:19 | 8.2 | 6:01 | 7.2 | 12:13 | 0.2 | 12:49 | 2.6 | 7:56 | 4:35 |  |
| 29 | Wed | 7:10 | 8.1 | 7:12 | 6.6 | 1:03 | 0.9 | 1:57 | 2.5 | 7:56 | 4:36 |  |
| 30 | Thu | 8:01 | 8.1 | 8:28 | 6.2 | 1:57 | 1.6 | 3:07 | 2.1 | 7:57 | 4:37 |  |
| 31 | Fri | 8:52 | 8.2 | 9:42 | 6.2 | 2:54 | 2.2 | 4:13 | 1.6 | 7:57 | 4:38 |  |