

## Columbia River entrance, WA - Jun 1857

| Date |     | High  |     |       |     | Low   |      |          |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 7:56  | 5.1 | 8:29  | 7.0 | 1:52  | 2.0  | 1:45     | 1.7 | 4:34                                                                                | 8:07 |    |
| 2    | Tue | 9:04  | 5.2 | 9:08  | 7.2 | 2:50  | 1.3  | 2:31     | 2.1 | 4:33                                                                                | 8:08 |    |
| 3    | Wed | 10:04 | 5.3 | 9:44  | 7.4 | 3:40  | 0.7  | 3:15     | 2.5 | 4:33                                                                                | 8:09 |    |
| 4    | Thu | 10:58 | 5.6 | 10:17 | 7.6 | 4:25  | 0.1  | 3:58     | 2.9 | 4:32                                                                                | 8:09 |    |
| 5    | Fri | 11:46 | 5.8 | 10:49 | 7.7 | 5:07  | -0.2 | 4:40     | 3.2 | 4:32                                                                                | 8:10 |    |
| 6    | Sat |       |     | 12:32 | 5.9 | 5:47  | -0.5 | 5:22     | 3.5 | 4:31                                                                                | 8:11 |    |
| 7    | Sun |       |     | 1:15  | 6.0 | 6:25  | -0.6 | 6:03     | 3.6 | 4:31                                                                                | 8:12 |    |
| 8    | Mon |       |     | 1:57  | 6.1 | 7:02  | -0.6 | 6:44     | 3.7 | 4:31                                                                                | 8:12 |    |
| 9    | Tue | 12:30 | 7.8 | 2:37  | 6.0 | 7:38  | -0.7 | 7:24     | 3.7 | 4:31                                                                                | 8:13 |    |
| 10   | Wed | 1:08  | 7.8 | 3:17  | 6.0 | 8:14  | -0.7 | 8:05     | 3.6 | 4:30                                                                                | 8:14 |    |
| 11   | Thu | 1:49  | 7.7 | 3:55  | 6.0 | 8:50  | -0.6 | 8:50     | 3.5 | 4:30                                                                                | 8:14 |    |
| 12   | Fri | 2:35  | 7.4 | 4:35  | 6.1 | 9:28  | -0.5 | 9:40     | 3.2 | 4:30                                                                                | 8:15 |   |
| 13   | Sat | 3:27  | 6.9 | 5:16  | 6.2 | 10:10 | -0.2 | 10:40    | 2.9 | 4:30                                                                                | 8:15 |  |
| 14   | Sun | 4:29  | 6.3 | 5:59  | 6.5 | 10:56 | 0.2  | 11:48    | 2.4 | 4:30                                                                                | 8:16 |  |
| 15   | Mon | 5:42  | 5.8 | 6:44  | 7.0 | 11:48 | 0.8  |          |     | 4:30                                                                                | 8:16 |  |
| 16   | Tue | 7:03  | 5.4 | 7:32  | 7.5 | 1:00  | 1.7  | 12:44    | 1.4 | 4:30                                                                                | 8:17 |  |
| 17   | Wed | 8:25  | 5.3 | 8:20  | 8.0 | 2:08  | 0.8  | 1:42     | 2.0 | 4:30                                                                                | 8:17 |  |
| 18   | Thu | 9:40  | 5.5 | 9:09  | 8.4 | 3:11  | -0.1 | 2:41     | 2.5 | 4:30                                                                                | 8:17 |  |
| 19   | Fri | 10:46 | 5.8 | 10:00 | 8.7 | 4:09  | -0.8 | 3:39     | 2.8 | 4:30                                                                                | 8:18 |  |
| 20   | Sat | 11:46 | 6.1 | 10:50 | 8.9 | 5:05  | -1.4 | 4:37     | 3.1 | 4:30                                                                                | 8:18 |  |
| 21   | Sun |       |     | 12:41 | 6.4 | 5:58  | -1.7 | 5:34     | 3.1 | 4:30                                                                                | 8:18 |  |
| 22   | Mon |       |     | 1:33  | 6.5 | 6:49  | -1.7 | 6:30     | 3.1 | 4:31                                                                                | 8:18 |  |
| 23   | Tue | 12:32 | 8.6 | 2:23  | 6.6 | 7:37  | -1.6 | 7:24     | 3.0 | 4:31                                                                                | 8:19 |  |
| 24   | Wed | 1:22  | 8.2 | 3:10  | 6.6 | 8:22  | -1.4 | 8:17     | 2.8 | 4:31                                                                                | 8:19 |  |
| 25   | Thu | 2:13  | 7.7 | 3:55  | 6.6 | 9:05  | -1.0 | 9:09     | 2.7 | 4:32                                                                                | 8:19 |  |
| 26   | Fri | 3:05  | 7.0 | 4:38  | 6.6 | 9:45  | -0.4 | 10:04    | 2.6 | 4:32                                                                                | 8:19 |  |
| 27   | Sat | 3:59  | 6.3 | 5:20  | 6.6 | 10:25 | 0.2  | 11:02    | 2.4 | 4:32                                                                                | 8:19 |  |
| 28   | Sun | 5:00  | 5.5 | 6:02  | 6.7 | 11:06 | 0.9  |          |     | 4:33                                                                                | 8:19 |  |
| 29   | Mon | 6:07  | 4.9 | 6:44  | 6.7 | 12:06 | 2.1  | 11:51 AM | 1.6 | 4:33                                                                                | 8:19 |  |
| 30   | Tue | 7:21  | 4.6 | 7:26  | 6.8 | 1:10  | 1.7  | 12:40    | 2.3 | 4:34                                                                                | 8:18 |  |