

## Columbia River entrance, WA - Jun 1839

| Date |     | High  |     |       |     | Low   |      |       |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sat | 1:58  | 7.7 | 4:09  | 5.9 | 9:02  | -0.5 | 8:59  | 3.6 | 4:34                                                                                | 8:06 |    |
| 2    | Sun | 2:46  | 7.4 | 4:53  | 6.0 | 9:43  | -0.4 | 9:53  | 3.4 | 4:34                                                                                | 8:07 |    |
| 3    | Mon | 3:41  | 7.0 | 5:38  | 6.1 | 10:29 | -0.1 | 10:58 | 3.1 | 4:33                                                                                | 8:08 |    |
| 4    | Tue | 4:47  | 6.4 | 6:24  | 6.5 | 11:20 | 0.3  |       |     | 4:33                                                                                | 8:09 |    |
| 5    | Wed | 6:04  | 5.9 | 7:11  | 6.9 | 12:11 | 2.5  | 12:15 | 0.8 | 4:32                                                                                | 8:10 |    |
| 6    | Thu | 7:26  | 5.6 | 7:58  | 7.5 | 1:23  | 1.7  | 1:12  | 1.3 | 4:32                                                                                | 8:11 |    |
| 7    | Fri | 8:45  | 5.5 | 8:45  | 8.0 | 2:29  | 0.8  | 2:09  | 1.8 | 4:31                                                                                | 8:11 |    |
| 8    | Sat | 9:56  | 5.7 | 9:32  | 8.5 | 3:29  | -0.2 | 3:04  | 2.2 | 4:31                                                                                | 8:12 |    |
| 9    | Sun | 11:00 | 6.0 | 10:19 | 8.8 | 4:26  | -0.9 | 3:59  | 2.6 | 4:31                                                                                | 8:13 |    |
| 10   | Mon | 11:59 | 6.3 | 11:07 | 8.9 | 5:20  | -1.4 | 4:54  | 2.9 | 4:30                                                                                | 8:13 |    |
| 11   | Tue |       |     | 12:54 | 6.5 | 6:12  | -1.7 | 5:49  | 3.1 | 4:30                                                                                | 8:14 |    |
| 12   | Wed |       |     | 1:46  | 6.6 | 7:02  | -1.7 | 6:43  | 3.2 | 4:30                                                                                | 8:14 |   |
| 13   | Thu | 12:44 | 8.6 | 2:36  | 6.6 | 7:49  | -1.5 | 7:36  | 3.1 | 4:30                                                                                | 8:15 |  |
| 14   | Fri | 1:33  | 8.2 | 3:25  | 6.6 | 8:35  | -1.2 | 8:29  | 3.1 | 4:30                                                                                | 8:16 |  |
| 15   | Sat | 2:23  | 7.6 | 4:11  | 6.5 | 9:18  | -0.7 | 9:22  | 3.0 | 4:30                                                                                | 8:16 |  |
| 16   | Sun | 3:15  | 6.9 | 4:56  | 6.5 | 10:00 | -0.2 | 10:18 | 2.9 | 4:30                                                                                | 8:16 |  |
| 17   | Mon | 4:11  | 6.2 | 5:40  | 6.5 | 10:42 | 0.4  | 11:19 | 2.7 | 4:30                                                                                | 8:17 |  |
| 18   | Tue | 5:13  | 5.5 | 6:23  | 6.6 | 11:26 | 1.0  |       |     | 4:30                                                                                | 8:17 |  |
| 19   | Wed | 6:23  | 4.9 | 7:06  | 6.7 | 12:24 | 2.3  | 12:12 | 1.7 | 4:30                                                                                | 8:18 |  |
| 20   | Thu | 7:37  | 4.7 | 7:47  | 6.9 | 1:28  | 1.8  | 1:01  | 2.2 | 4:30                                                                                | 8:18 |  |
| 21   | Fri | 8:49  | 4.7 | 8:28  | 7.1 | 2:27  | 1.2  | 1:52  | 2.7 | 4:30                                                                                | 8:18 |  |
| 22   | Sat | 9:53  | 5.0 | 9:08  | 7.3 | 3:20  | 0.7  | 2:43  | 3.1 | 4:30                                                                                | 8:18 |  |
| 23   | Sun | 10:50 | 5.3 | 9:47  | 7.5 | 4:08  | 0.2  | 3:33  | 3.4 | 4:31                                                                                | 8:18 |  |
| 24   | Mon | 11:40 | 5.6 | 10:26 | 7.6 | 4:52  | -0.2 | 4:21  | 3.6 | 4:31                                                                                | 8:19 |  |
| 25   | Tue |       |     | 12:25 | 5.8 | 5:35  | -0.5 | 5:08  | 3.7 | 4:31                                                                                | 8:19 |  |
| 26   | Wed |       |     | 1:08  | 6.0 | 6:15  | -0.7 | 5:54  | 3.7 | 4:32                                                                                | 8:19 |  |
| 27   | Thu |       |     | 1:48  | 6.1 | 6:54  | -0.9 | 6:38  | 3.5 | 4:32                                                                                | 8:19 |  |
| 28   | Fri | 12:26 | 7.9 | 2:26  | 6.2 | 7:31  | -1.1 | 7:21  | 3.3 | 4:33                                                                                | 8:19 |  |
| 29   | Sat | 1:08  | 7.9 | 3:03  | 6.2 | 8:07  | -1.1 | 8:05  | 3.0 | 4:33                                                                                | 8:19 |  |
| 30   | Sun | 1:53  | 7.7 | 3:38  | 6.4 | 8:43  | -1.0 | 8:51  | 2.7 | 4:34                                                                                | 8:19 |  |