

## Columbia River entrance, WA - May 1847

| Date |     | High  |     |       |     | Low   |      |       |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sat | 12:26 | 7.9 | 1:37  | 6.5 | 7:02  | -0.3 | 6:55  | 2.3 | 5:09                                                                                | 7:31 |    |
| 2    | Sun | 12:56 | 8.0 | 2:18  | 6.5 | 7:38  | -0.4 | 7:32  | 2.5 | 5:07                                                                                | 7:32 |    |
| 3    | Mon | 1:29  | 8.0 | 3:01  | 6.4 | 8:14  | -0.4 | 8:10  | 2.7 | 5:06                                                                                | 7:33 |    |
| 4    | Tue | 2:07  | 7.9 | 3:47  | 6.2 | 8:53  | -0.3 | 8:54  | 2.9 | 5:04                                                                                | 7:34 |    |
| 5    | Wed | 2:50  | 7.7 | 4:38  | 6.1 | 9:37  | -0.1 | 9:45  | 3.0 | 5:03                                                                                | 7:36 |    |
| 6    | Thu | 3:42  | 7.4 | 5:33  | 6.1 | 10:28 | 0.1  | 10:49 | 3.0 | 5:02                                                                                | 7:37 |    |
| 7    | Fri | 4:46  | 6.9 | 6:32  | 6.3 | 11:29 | 0.4  |       |     | 5:00                                                                                | 7:38 |    |
| 8    | Sat | 6:02  | 6.5 | 7:31  | 6.6 | 12:05 | 2.8  | 12:36 | 0.7 | 4:59                                                                                | 7:40 |    |
| 9    | Sun | 7:23  | 6.3 | 8:26  | 7.1 | 1:21  | 2.2  | 1:40  | 0.8 | 4:57                                                                                | 7:41 |    |
| 10   | Mon | 8:40  | 6.4 | 9:17  | 7.7 | 2:30  | 1.4  | 2:39  | 0.9 | 4:56                                                                                | 7:42 |    |
| 11   | Tue | 9:47  | 6.6 | 10:04 | 8.2 | 3:31  | 0.5  | 3:33  | 1.0 | 4:55                                                                                | 7:43 |    |
| 12   | Wed | 10:48 | 6.9 | 10:48 | 8.6 | 4:27  | -0.3 | 4:24  | 1.2 | 4:53                                                                                | 7:45 |    |
| 13   | Thu | 11:44 | 7.1 | 11:32 | 8.8 | 5:19  | -0.9 | 5:14  | 1.4 | 4:52                                                                                | 7:46 |   |
| 14   | Fri |       |     | 12:37 | 7.1 | 6:08  | -1.2 | 6:02  | 1.7 | 4:51                                                                                | 7:47 |  |
| 15   | Sat | 12:15 | 8.8 | 1:28  | 7.1 | 6:56  | -1.3 | 6:49  | 2.0 | 4:50                                                                                | 7:48 |  |
| 16   | Sun | 12:57 | 8.6 | 2:18  | 7.0 | 7:42  | -1.2 | 7:36  | 2.3 | 4:48                                                                                | 7:49 |  |
| 17   | Mon | 1:40  | 8.2 | 3:08  | 6.9 | 8:26  | -0.9 | 8:23  | 2.5 | 4:47                                                                                | 7:51 |  |
| 18   | Tue | 2:23  | 7.8 | 3:57  | 6.7 | 9:10  | -0.5 | 9:12  | 2.8 | 4:46                                                                                | 7:52 |  |
| 19   | Wed | 3:09  | 7.2 | 4:47  | 6.5 | 9:54  | 0.0  | 10:04 | 3.0 | 4:45                                                                                | 7:53 |  |
| 20   | Thu | 3:59  | 6.6 | 5:37  | 6.4 | 10:40 | 0.5  | 11:03 | 3.0 | 4:44                                                                                | 7:54 |  |
| 21   | Fri | 4:58  | 5.9 | 6:29  | 6.3 | 11:30 | 1.0  |       |     | 4:43                                                                                | 7:55 |  |
| 22   | Sat | 6:05  | 5.5 | 7:20  | 6.4 | 12:08 | 2.9  | 12:24 | 1.4 | 4:42                                                                                | 7:56 |  |
| 23   | Sun | 7:17  | 5.2 | 8:08  | 6.7 | 1:15  | 2.6  | 1:18  | 1.7 | 4:41                                                                                | 7:57 |  |
| 24   | Mon | 8:27  | 5.2 | 8:52  | 6.9 | 2:16  | 2.0  | 2:10  | 1.9 | 4:40                                                                                | 7:59 |  |
| 25   | Tue | 9:29  | 5.4 | 9:32  | 7.2 | 3:10  | 1.4  | 2:58  | 2.1 | 4:39                                                                                | 8:00 |  |
| 26   | Wed | 10:23 | 5.7 | 10:09 | 7.5 | 3:58  | 0.8  | 3:43  | 2.2 | 4:38                                                                                | 8:01 |  |
| 27   | Thu | 11:12 | 6.0 | 10:44 | 7.7 | 4:42  | 0.3  | 4:27  | 2.4 | 4:38                                                                                | 8:02 |  |
| 28   | Fri | 11:58 | 6.2 | 11:18 | 7.9 | 5:24  | -0.1 | 5:09  | 2.5 | 4:37                                                                                | 8:03 |  |
| 29   | Sat |       |     | 12:42 | 6.3 | 6:04  | -0.5 | 5:51  | 2.6 | 4:36                                                                                | 8:04 |  |
| 30   | Sun |       |     | 1:25  | 6.5 | 6:43  | -0.7 | 6:34  | 2.7 | 4:35                                                                                | 8:05 |  |
| 31   | Mon | 12:30 | 8.2 | 2:07  | 6.5 | 7:22  | -0.9 | 7:16  | 2.7 | 4:35                                                                                | 8:06 |  |