

## Columbia River entrance, WA - Jan 1865

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sun | 3:13  | 7.9 | 2:43     | 8.3 | 8:46  | 2.4 | 9:08  | -0.3 | 8:06                                                                                | 4:48 |    |
| 2    | Mon | 3:56  | 8.0 | 3:40     | 7.6 | 9:40  | 2.2 | 9:52  | 0.4  | 8:06                                                                                | 4:49 |    |
| 3    | Tue | 4:41  | 8.1 | 4:44     | 6.9 | 10:41 | 2.1 | 10:40 | 1.1  | 8:06                                                                                | 4:50 |    |
| 4    | Wed | 5:31  | 8.2 | 5:57     | 6.2 | 11:50 | 1.9 | 11:37 | 1.9  | 8:06                                                                                | 4:51 |    |
| 5    | Thu | 6:26  | 8.3 | 7:17     | 5.9 |       |     | 1:04  | 1.5  | 8:06                                                                                | 4:52 |    |
| 6    | Fri | 7:24  | 8.4 | 8:36     | 5.9 | 12:41 | 2.5 | 2:14  | 1.0  | 8:06                                                                                | 4:53 |    |
| 7    | Sat | 8:22  | 8.5 | 9:46     | 6.3 | 1:49  | 3.0 | 3:18  | 0.5  | 8:05                                                                                | 4:54 |    |
| 8    | Sun | 9:18  | 8.6 | 10:46    | 6.7 | 2:53  | 3.2 | 4:14  | 0.0  | 8:05                                                                                | 4:55 |    |
| 9    | Mon | 10:10 | 8.7 | 11:37    | 7.1 | 3:52  | 3.2 | 5:04  | -0.3 | 8:05                                                                                | 4:56 |    |
| 10   | Tue | 10:58 | 8.7 |          |     | 4:46  | 3.2 | 5:48  | -0.5 | 8:04                                                                                | 4:58 |    |
| 11   | Wed | 12:23 | 7.3 | 11:43 AM | 8.6 | 5:36  | 3.1 | 6:29  | -0.5 | 8:04                                                                                | 4:59 |    |
| 12   | Thu | 1:05  | 7.5 | 12:25    | 8.4 | 6:23  | 3.0 | 7:06  | -0.3 | 8:03                                                                                | 5:00 |   |
| 13   | Fri | 1:43  | 7.6 | 1:05     | 8.1 | 7:06  | 2.8 | 7:40  | -0.1 | 8:03                                                                                | 5:01 |  |
| 14   | Sat | 2:19  | 7.6 | 1:43     | 7.8 | 7:46  | 2.7 | 8:11  | 0.2  | 8:02                                                                                | 5:03 |  |
| 15   | Sun | 2:53  | 7.5 | 2:22     | 7.3 | 8:26  | 2.6 | 8:40  | 0.6  | 8:02                                                                                | 5:04 |  |
| 16   | Mon | 3:25  | 7.5 | 3:03     | 6.8 | 9:06  | 2.6 | 9:09  | 1.1  | 8:01                                                                                | 5:05 |  |
| 17   | Tue | 3:56  | 7.5 | 3:47     | 6.3 | 9:48  | 2.6 | 9:40  | 1.6  | 8:00                                                                                | 5:07 |  |
| 18   | Wed | 4:29  | 7.4 | 4:41     | 5.7 | 10:36 | 2.6 | 10:16 | 2.2  | 8:00                                                                                | 5:08 |  |
| 19   | Thu | 5:06  | 7.4 | 5:48     | 5.3 | 11:34 | 2.5 | 11:02 | 2.9  | 7:59                                                                                | 5:09 |  |
| 20   | Fri | 5:51  | 7.4 | 7:08     | 5.0 |       |     | 12:43 | 2.3  | 7:58                                                                                | 5:11 |  |
| 21   | Sat | 6:43  | 7.5 | 8:28     | 5.2 | 12:03 | 3.4 | 1:52  | 1.9  | 7:57                                                                                | 5:12 |  |
| 22   | Sun | 7:42  | 7.7 | 9:36     | 5.6 | 1:14  | 3.8 | 2:54  | 1.3  | 7:56                                                                                | 5:13 |  |
| 23   | Mon | 8:40  | 8.0 | 10:32    | 6.1 | 2:24  | 3.8 | 3:48  | 0.7  | 7:55                                                                                | 5:15 |  |
| 24   | Tue | 9:36  | 8.3 | 11:20    | 6.6 | 3:26  | 3.7 | 4:37  | 0.1  | 7:54                                                                                | 5:16 |  |
| 25   | Wed | 10:29 | 8.7 |          |     | 4:22  | 3.4 | 5:22  | -0.4 | 7:53                                                                                | 5:18 |  |
| 26   | Thu | 12:03 | 7.1 | 11:19 AM | 8.9 | 5:15  | 2.9 | 6:05  | -0.8 | 7:52                                                                                | 5:19 |  |
| 27   | Fri | 12:44 | 7.5 | 12:08    | 9.1 | 6:06  | 2.5 | 6:47  | -0.9 | 7:51                                                                                | 5:21 |  |
| 28   | Sat | 1:24  | 7.9 | 12:57    | 9.0 | 6:55  | 2.0 | 7:27  | -0.9 | 7:50                                                                                | 5:22 |  |
| 29   | Sun | 2:03  | 8.2 | 1:47     | 8.7 | 7:44  | 1.6 | 8:06  | -0.6 | 7:49                                                                                | 5:24 |  |
| 30   | Mon | 2:42  | 8.4 | 2:39     | 8.2 | 8:33  | 1.3 | 8:46  | -0.1 | 7:48                                                                                | 5:25 |  |
| 31   | Tue | 3:23  | 8.5 | 3:34     | 7.5 | 9:25  | 1.2 | 9:28  | 0.6  | 7:47                                                                                | 5:27 |  |