

## Columbia River entrance, WA - Nov 1876

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 11:26 | 8.3 |          |     | 5:12  | 2.0 | 6:06  | -0.8 | 7:05                                                                                | 5:08 |    |
| 2    | Thu | 12:40 | 6.7 | 11:59 AM | 8.6 | 5:51  | 2.4 | 6:48  | -1.1 | 7:07                                                                                | 5:06 |    |
| 3    | Fri | 1:29  | 6.6 | 12:34    | 8.8 | 6:32  | 2.8 | 7:31  | -1.2 | 7:08                                                                                | 5:05 |    |
| 4    | Sat | 2:19  | 6.5 | 1:15     | 8.8 | 7:15  | 3.1 | 8:18  | -1.1 | 7:10                                                                                | 5:04 |    |
| 5    | Sun | 3:12  | 6.3 | 2:00     | 8.6 | 8:01  | 3.4 | 9:09  | -0.8 | 7:11                                                                                | 5:02 |    |
| 6    | Mon | 4:10  | 6.1 | 2:53     | 8.1 | 8:55  | 3.7 | 10:05 | -0.3 | 7:12                                                                                | 5:01 |    |
| 7    | Tue | 5:11  | 6.0 | 3:56     | 7.5 | 10:01 | 3.8 | 11:09 | 0.1  | 7:14                                                                                | 5:00 |    |
| 8    | Wed | 6:14  | 6.1 | 5:14     | 6.8 | 11:20 | 3.7 |       |      | 7:15                                                                                | 4:58 |    |
| 9    | Thu | 7:15  | 6.4 | 6:41     | 6.3 | 12:16 | 0.5 | 12:44 | 3.2  | 7:17                                                                                | 4:57 |    |
| 10   | Fri | 8:09  | 6.9 | 8:03     | 6.1 | 1:19  | 0.7 | 2:00  | 2.3  | 7:18                                                                                | 4:56 |   |
| 11   | Sat | 8:57  | 7.5 | 9:15     | 6.2 | 2:16  | 0.9 | 3:03  | 1.3  | 7:20                                                                                | 4:55 |  |
| 12   | Sun | 9:39  | 8.0 | 10:17    | 6.4 | 3:05  | 1.2 | 3:57  | 0.4  | 7:21                                                                                | 4:53 |  |
| 13   | Mon | 10:17 | 8.3 | 11:11    | 6.6 | 3:50  | 1.6 | 4:45  | -0.3 | 7:23                                                                                | 4:52 |  |
| 14   | Tue | 10:53 | 8.5 |          |     | 4:33  | 2.0 | 5:29  | -0.7 | 7:24                                                                                | 4:51 |  |
| 15   | Wed | 12:01 | 6.7 | 11:26 AM | 8.6 | 5:14  | 2.5 | 6:11  | -0.8 | 7:25                                                                                | 4:50 |  |
| 16   | Thu | 12:48 | 6.7 | 11:59 AM | 8.5 | 5:54  | 3.0 | 6:50  | -0.8 | 7:27                                                                                | 4:49 |  |
| 17   | Fri | 1:33  | 6.7 | 12:30    | 8.3 | 6:33  | 3.4 | 7:28  | -0.6 | 7:28                                                                                | 4:48 |  |
| 18   | Sat | 2:17  | 6.6 | 1:02     | 8.1 | 7:12  | 3.7 | 8:04  | -0.3 | 7:30                                                                                | 4:47 |  |
| 19   | Sun | 3:01  | 6.4 | 1:36     | 7.8 | 7:51  | 3.9 | 8:40  | 0.1  | 7:31                                                                                | 4:46 |  |
| 20   | Mon | 3:45  | 6.2 | 2:13     | 7.4 | 8:32  | 4.1 | 9:17  | 0.4  | 7:32                                                                                | 4:45 |  |
| 21   | Tue | 4:30  | 6.1 | 2:55     | 7.0 | 9:17  | 4.2 | 9:57  | 0.8  | 7:34                                                                                | 4:45 |  |
| 22   | Wed | 5:17  | 6.0 | 3:47     | 6.4 | 10:12 | 4.2 | 10:42 | 1.1  | 7:35                                                                                | 4:44 |  |
| 23   | Thu | 6:05  | 6.0 | 4:51     | 5.9 | 11:18 | 4.0 | 11:34 | 1.5  | 7:36                                                                                | 4:43 |  |
| 24   | Fri | 6:52  | 6.2 | 6:10     | 5.5 |       |     | 12:31 | 3.6  | 7:38                                                                                | 4:42 |  |
| 25   | Sat | 7:36  | 6.6 | 7:32     | 5.3 | 12:29 | 1.8 | 1:39  | 2.9  | 7:39                                                                                | 4:42 |  |
| 26   | Sun | 8:17  | 7.0 | 8:47     | 5.5 | 1:24  | 2.0 | 2:37  | 2.0  | 7:40                                                                                | 4:41 |  |
| 27   | Mon | 8:54  | 7.6 | 9:52     | 5.8 | 2:15  | 2.3 | 3:29  | 1.1  | 7:42                                                                                | 4:40 |  |
| 28   | Tue | 9:31  | 8.1 | 10:49    | 6.2 | 3:03  | 2.7 | 4:16  | 0.3  | 7:43                                                                                | 4:40 |  |
| 29   | Wed | 10:09 | 8.6 | 11:43    | 6.5 | 3:51  | 3.0 | 5:03  | -0.4 | 7:44                                                                                | 4:39 |  |
| 30   | Thu | 10:48 | 9.0 |          |     | 4:38  | 3.3 | 5:49  | -0.9 | 7:45                                                                                | 4:39 |  |