

## Columbia River entrance, WA - Jul 1882

| Date |     | High  |     |       |     | Low   |      |          |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sat |       |     | 1:17  | 6.5 | 6:33  | -1.4 | 6:26     | 2.5 | 4:35                                                                                | 8:18 |    |
| 2    | Sun | 12:25 | 8.4 | 1:59  | 6.8 | 7:15  | -1.5 | 7:16     | 2.2 | 4:35                                                                                | 8:18 |    |
| 3    | Mon | 1:14  | 8.3 | 2:40  | 7.0 | 7:56  | -1.5 | 8:06     | 1.8 | 4:36                                                                                | 8:18 |    |
| 4    | Tue | 2:04  | 8.0 | 3:21  | 7.3 | 8:37  | -1.2 | 8:59     | 1.5 | 4:36                                                                                | 8:18 |    |
| 5    | Wed | 2:58  | 7.4 | 4:04  | 7.4 | 9:19  | -0.8 | 9:54     | 1.3 | 4:37                                                                                | 8:17 |    |
| 6    | Thu | 3:57  | 6.8 | 4:50  | 7.6 | 10:03 | -0.1 | 10:56    | 1.1 | 4:38                                                                                | 8:17 |    |
| 7    | Fri | 5:02  | 6.0 | 5:39  | 7.6 | 10:51 | 0.7  |          |     | 4:39                                                                                | 8:16 |    |
| 8    | Sat | 6:16  | 5.5 | 6:32  | 7.7 | 12:04 | 0.9  | 11:47 AM | 1.4 | 4:39                                                                                | 8:16 |    |
| 9    | Sun | 7:34  | 5.2 | 7:29  | 7.8 | 1:16  | 0.6  | 12:50    | 2.1 | 4:40                                                                                | 8:15 |    |
| 10   | Mon | 8:49  | 5.3 | 8:26  | 7.8 | 2:24  | 0.1  | 1:55     | 2.5 | 4:41                                                                                | 8:15 |    |
| 11   | Tue | 9:56  | 5.6 | 9:22  | 7.9 | 3:26  | -0.3 | 2:58     | 2.7 | 4:42                                                                                | 8:14 |    |
| 12   | Wed | 10:53 | 5.9 | 10:14 | 7.9 | 4:21  | -0.7 | 3:56     | 2.7 | 4:43                                                                                | 8:14 |   |
| 13   | Thu | 11:43 | 6.2 | 11:01 | 7.9 | 5:09  | -0.9 | 4:50     | 2.6 | 4:44                                                                                | 8:13 |  |
| 14   | Fri |       |     | 12:28 | 6.4 | 5:53  | -1.0 | 5:39     | 2.5 | 4:45                                                                                | 8:12 |  |
| 15   | Sat |       |     | 1:08  | 6.6 | 6:33  | -1.0 | 6:25     | 2.3 | 4:46                                                                                | 8:11 |  |
| 16   | Sun | 12:27 | 7.5 | 1:46  | 6.6 | 7:09  | -0.8 | 7:07     | 2.2 | 4:47                                                                                | 8:11 |  |
| 17   | Mon | 1:07  | 7.2 | 2:20  | 6.6 | 7:41  | -0.6 | 7:48     | 2.0 | 4:48                                                                                | 8:10 |  |
| 18   | Tue | 1:46  | 6.9 | 2:52  | 6.6 | 8:11  | -0.3 | 8:27     | 1.9 | 4:49                                                                                | 8:09 |  |
| 19   | Wed | 2:25  | 6.5 | 3:22  | 6.6 | 8:39  | 0.1  | 9:06     | 1.8 | 4:50                                                                                | 8:08 |  |
| 20   | Thu | 3:06  | 6.0 | 3:52  | 6.7 | 9:08  | 0.6  | 9:48     | 1.7 | 4:51                                                                                | 8:07 |  |
| 21   | Fri | 3:52  | 5.5 | 4:23  | 6.7 | 9:39  | 1.1  | 10:37    | 1.7 | 4:52                                                                                | 8:06 |  |
| 22   | Sat | 4:47  | 4.9 | 5:00  | 6.7 | 10:16 | 1.7  | 11:35    | 1.6 | 4:53                                                                                | 8:05 |  |
| 23   | Sun | 5:56  | 4.5 | 5:45  | 6.8 | 11:03 | 2.3  |          |     | 4:54                                                                                | 8:04 |  |
| 24   | Mon | 7:15  | 4.4 | 6:39  | 6.9 | 12:43 | 1.4  | 12:04    | 2.8 | 4:55                                                                                | 8:03 |  |
| 25   | Tue | 8:33  | 4.5 | 7:38  | 7.0 | 1:52  | 1.0  | 1:15     | 3.1 | 4:56                                                                                | 8:02 |  |
| 26   | Wed | 9:40  | 4.9 | 8:39  | 7.3 | 2:55  | 0.4  | 2:25     | 3.2 | 4:57                                                                                | 8:01 |  |
| 27   | Thu | 10:35 | 5.4 | 9:37  | 7.7 | 3:50  | -0.2 | 3:28     | 3.0 | 4:59                                                                                | 8:00 |  |
| 28   | Fri | 11:23 | 5.9 | 10:32 | 8.0 | 4:40  | -0.8 | 4:25     | 2.6 | 5:00                                                                                | 7:58 |  |
| 29   | Sat |       |     | 12:06 | 6.3 | 5:26  | -1.2 | 5:19     | 2.1 | 5:01                                                                                | 7:57 |  |
| 30   | Sun |       |     | 12:47 | 6.7 | 6:10  | -1.5 | 6:11     | 1.6 | 5:02                                                                                | 7:56 |  |
| 31   | Mon | 12:15 | 8.3 | 1:27  | 7.1 | 6:52  | -1.6 | 7:02     | 1.0 | 5:03                                                                                | 7:55 |  |