

## Columbia River entrance, WA - Aug 1877

| Date |     | High  |     |       |     | Low   |      |          |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 4:43  | 4.8 | 4:39  | 6.9 | 10:00 | 1.8  | 11:26    | 1.3 | 5:05                                                                                | 7:53 |    |
| 2    | Thu | 5:56  | 4.4 | 5:24  | 7.0 | 10:45 | 2.6  |          |     | 5:06                                                                                | 7:52 |    |
| 3    | Fri | 7:25  | 4.2 | 6:20  | 7.1 | 12:39 | 1.0  | 11:46 AM | 3.2 | 5:07                                                                                | 7:50 |    |
| 4    | Sat | 8:50  | 4.4 | 7:28  | 7.3 | 1:56  | 0.6  | 1:06     | 3.6 | 5:08                                                                                | 7:49 |    |
| 5    | Sun | 10:00 | 4.9 | 8:39  | 7.5 | 3:05  | 0.0  | 2:26     | 3.6 | 5:10                                                                                | 7:48 |    |
| 6    | Mon | 10:55 | 5.4 | 9:45  | 7.9 | 4:05  | -0.7 | 3:36     | 3.3 | 5:11                                                                                | 7:46 |    |
| 7    | Tue | 11:41 | 5.9 | 10:45 | 8.2 | 4:57  | -1.3 | 4:38     | 2.7 | 5:12                                                                                | 7:45 |    |
| 8    | Wed |       |     | 12:24 | 6.4 | 5:44  | -1.7 | 5:34     | 2.1 | 5:13                                                                                | 7:43 |    |
| 9    | Thu |       |     | 1:04  | 6.8 | 6:28  | -1.9 | 6:28     | 1.4 | 5:14                                                                                | 7:42 |    |
| 10   | Fri | 12:35 | 8.3 | 1:43  | 7.2 | 7:10  | -1.8 | 7:19     | 0.8 | 5:16                                                                                | 7:40 |    |
| 11   | Sat | 1:27  | 7.9 | 2:21  | 7.5 | 7:49  | -1.4 | 8:10     | 0.3 | 5:17                                                                                | 7:38 |    |
| 12   | Sun | 2:20  | 7.4 | 2:59  | 7.7 | 8:27  | -0.8 | 9:01     | 0.1 | 5:18                                                                                | 7:37 |   |
| 13   | Mon | 3:15  | 6.6 | 3:37  | 7.7 | 9:05  | 0.1  | 9:54     | 0.0 | 5:20                                                                                | 7:35 |  |
| 14   | Tue | 4:13  | 5.9 | 4:19  | 7.6 | 9:45  | 1.0  | 10:53    | 0.2 | 5:21                                                                                | 7:34 |  |
| 15   | Wed | 5:19  | 5.2 | 5:04  | 7.3 | 10:31 | 1.9  |          |     | 5:22                                                                                | 7:32 |  |
| 16   | Thu | 6:34  | 4.7 | 5:58  | 7.0 | 12:00 | 0.4  | 11:27 AM | 2.8 | 5:23                                                                                | 7:30 |  |
| 17   | Fri | 7:55  | 4.7 | 7:01  | 6.7 | 1:13  | 0.4  | 12:38    | 3.4 | 5:25                                                                                | 7:29 |  |
| 18   | Sat | 9:10  | 4.9 | 8:08  | 6.6 | 2:25  | 0.3  | 1:53     | 3.5 | 5:26                                                                                | 7:27 |  |
| 19   | Sun | 10:10 | 5.3 | 9:11  | 6.7 | 3:27  | 0.0  | 3:01     | 3.3 | 5:27                                                                                | 7:25 |  |
| 20   | Mon | 10:57 | 5.7 | 10:06 | 6.8 | 4:17  | -0.2 | 3:57     | 3.0 | 5:28                                                                                | 7:23 |  |
| 21   | Tue | 11:37 | 6.0 | 10:52 | 6.9 | 4:59  | -0.4 | 4:46     | 2.5 | 5:30                                                                                | 7:22 |  |
| 22   | Wed |       |     | 12:11 | 6.2 | 5:35  | -0.5 | 5:29     | 2.1 | 5:31                                                                                | 7:20 |  |
| 23   | Thu |       |     | 12:42 | 6.3 | 6:07  | -0.5 | 6:09     | 1.7 | 5:32                                                                                | 7:18 |  |
| 24   | Fri | 12:13 | 6.9 | 1:10  | 6.5 | 6:36  | -0.4 | 6:47     | 1.3 | 5:33                                                                                | 7:16 |  |
| 25   | Sat | 12:50 | 6.7 | 1:34  | 6.6 | 7:03  | -0.2 | 7:22     | 1.0 | 5:35                                                                                | 7:15 |  |
| 26   | Sun | 1:27  | 6.4 | 1:56  | 6.7 | 7:28  | 0.2  | 7:56     | 0.8 | 5:36                                                                                | 7:13 |  |
| 27   | Mon | 2:05  | 6.1 | 2:17  | 6.9 | 7:53  | 0.6  | 8:29     | 0.6 | 5:37                                                                                | 7:11 |  |
| 28   | Tue | 2:45  | 5.7 | 2:41  | 7.1 | 8:18  | 1.1  | 9:05     | 0.5 | 5:39                                                                                | 7:09 |  |
| 29   | Wed | 3:31  | 5.3 | 3:10  | 7.2 | 8:48  | 1.7  | 9:48     | 0.6 | 5:40                                                                                | 7:07 |  |
| 30   | Thu | 4:27  | 4.8 | 3:47  | 7.2 | 9:23  | 2.4  | 10:44    | 0.7 | 5:41                                                                                | 7:05 |  |
| 31   | Fri | 5:40  | 4.4 | 4:37  | 7.1 | 10:10 | 3.1  |          |     | 5:42                                                                                | 7:03 |  |