

## Columbia River entrance, WA - Aug 1864

| Date |     | High  |     |       |     | Low   |      |          |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon |       |     | 12:16 | 6.4 | 5:43  | -0.7 | 5:34     | 2.1  | 5:05                                                                                | 7:53 |    |
| 2    | Tue |       |     | 12:52 | 6.5 | 6:19  | -0.7 | 6:17     | 1.9  | 5:06                                                                                | 7:52 |    |
| 3    | Wed | 12:21 | 7.2 | 1:26  | 6.6 | 6:52  | -0.5 | 6:56     | 1.7  | 5:07                                                                                | 7:50 |    |
| 4    | Thu | 12:59 | 7.0 | 1:56  | 6.6 | 7:22  | -0.3 | 7:34     | 1.5  | 5:08                                                                                | 7:49 |    |
| 5    | Fri | 1:36  | 6.7 | 2:24  | 6.7 | 7:50  | -0.1 | 8:10     | 1.4  | 5:10                                                                                | 7:47 |    |
| 6    | Sat | 2:14  | 6.3 | 2:50  | 6.7 | 8:17  | 0.3  | 8:46     | 1.3  | 5:11                                                                                | 7:46 |    |
| 7    | Sun | 2:53  | 5.9 | 3:18  | 6.8 | 8:45  | 0.7  | 9:24     | 1.2  | 5:12                                                                                | 7:44 |    |
| 8    | Mon | 3:37  | 5.5 | 3:48  | 6.9 | 9:15  | 1.2  | 10:08    | 1.2  | 5:13                                                                                | 7:43 |    |
| 9    | Tue | 4:30  | 5.0 | 4:26  | 6.9 | 9:52  | 1.7  | 11:04    | 1.2  | 5:15                                                                                | 7:41 |    |
| 10   | Wed | 5:37  | 4.6 | 5:14  | 6.9 | 10:40 | 2.3  |          |      | 5:16                                                                                | 7:40 |    |
| 11   | Thu | 6:57  | 4.4 | 6:13  | 6.9 | 12:14 | 1.1  | 11:44 AM | 2.8  | 5:17                                                                                | 7:38 |    |
| 12   | Fri | 8:17  | 4.6 | 7:22  | 7.0 | 1:30  | 0.8  | 1:03     | 3.0  | 5:18                                                                                | 7:37 |   |
| 13   | Sat | 9:25  | 5.0 | 8:31  | 7.3 | 2:38  | 0.3  | 2:18     | 2.9  | 5:20                                                                                | 7:35 |  |
| 14   | Sun | 10:20 | 5.6 | 9:35  | 7.7 | 3:36  | -0.3 | 3:24     | 2.5  | 5:21                                                                                | 7:33 |  |
| 15   | Mon | 11:07 | 6.1 | 10:33 | 8.0 | 4:28  | -0.9 | 4:23     | 1.9  | 5:22                                                                                | 7:32 |  |
| 16   | Tue | 11:51 | 6.7 | 11:28 | 8.2 | 5:15  | -1.3 | 5:18     | 1.3  | 5:23                                                                                | 7:30 |  |
| 17   | Wed |       |     | 12:32 | 7.1 | 6:00  | -1.4 | 6:11     | 0.6  | 5:25                                                                                | 7:28 |  |
| 18   | Thu | 12:20 | 8.2 | 1:13  | 7.5 | 6:43  | -1.4 | 7:02     | 0.1  | 5:26                                                                                | 7:27 |  |
| 19   | Fri | 1:12  | 8.0 | 1:53  | 7.8 | 7:24  | -1.1 | 7:52     | -0.2 | 5:27                                                                                | 7:25 |  |
| 20   | Sat | 2:04  | 7.5 | 2:34  | 7.9 | 8:05  | -0.6 | 8:42     | -0.3 | 5:29                                                                                | 7:23 |  |
| 21   | Sun | 2:58  | 7.0 | 3:16  | 7.9 | 8:47  | 0.0  | 9:35     | -0.2 | 5:30                                                                                | 7:21 |  |
| 22   | Mon | 3:55  | 6.3 | 4:00  | 7.7 | 9:30  | 0.8  | 10:32    | 0.0  | 5:31                                                                                | 7:20 |  |
| 23   | Tue | 4:58  | 5.7 | 4:50  | 7.3 | 10:20 | 1.6  | 11:37    | 0.3  | 5:32                                                                                | 7:18 |  |
| 24   | Wed | 6:08  | 5.2 | 5:48  | 7.0 | 11:18 | 2.3  |          |      | 5:34                                                                                | 7:16 |  |
| 25   | Thu | 7:22  | 5.1 | 6:53  | 6.7 | 12:48 | 0.4  | 12:28    | 2.7  | 5:35                                                                                | 7:14 |  |
| 26   | Fri | 8:34  | 5.2 | 8:01  | 6.6 | 1:59  | 0.4  | 1:41     | 2.8  | 5:36                                                                                | 7:12 |  |
| 27   | Sat | 9:35  | 5.6 | 9:04  | 6.6 | 3:01  | 0.2  | 2:47     | 2.6  | 5:37                                                                                | 7:11 |  |
| 28   | Sun | 10:24 | 6.0 | 9:58  | 6.8 | 3:52  | -0.1 | 3:43     | 2.2  | 5:39                                                                                | 7:09 |  |
| 29   | Mon | 11:06 | 6.3 | 10:45 | 6.9 | 4:35  | -0.2 | 4:32     | 1.8  | 5:40                                                                                | 7:07 |  |
| 30   | Tue | 11:43 | 6.5 | 11:28 | 6.9 | 5:13  | -0.3 | 5:16     | 1.4  | 5:41                                                                                | 7:05 |  |
| 31   | Wed |       |     | 12:15 | 6.7 | 5:47  | -0.2 | 5:56     | 1.1  | 5:42                                                                                | 7:03 |  |