

## Columbia River entrance, WA - Sep 1849

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sat |       |     | 12:07 | 6.5 | 5:31  | -0.5 | 5:38  | 1.5  | 5:43                                                                                | 7:02 |    |
| 2    | Sun |       |     | 12:39 | 6.7 | 6:07  | -0.6 | 6:19  | 1.1  | 5:45                                                                                | 7:00 |    |
| 3    | Mon | 12:25 | 7.2 | 1:10  | 6.9 | 6:40  | -0.5 | 6:58  | 0.7  | 5:46                                                                                | 6:58 |    |
| 4    | Tue | 1:06  | 7.2 | 1:40  | 7.1 | 7:14  | -0.4 | 7:38  | 0.4  | 5:47                                                                                | 6:56 |    |
| 5    | Wed | 1:49  | 7.0 | 2:11  | 7.3 | 7:47  | -0.1 | 8:19  | 0.2  | 5:48                                                                                | 6:54 |    |
| 6    | Thu | 2:35  | 6.7 | 2:45  | 7.4 | 8:23  | 0.4  | 9:03  | 0.1  | 5:50                                                                                | 6:52 |    |
| 7    | Fri | 3:26  | 6.2 | 3:24  | 7.5 | 9:02  | 0.9  | 9:54  | 0.2  | 5:51                                                                                | 6:50 |    |
| 8    | Sat | 4:26  | 5.7 | 4:11  | 7.4 | 9:47  | 1.6  | 10:56 | 0.3  | 5:52                                                                                | 6:48 |    |
| 9    | Sun | 5:36  | 5.3 | 5:09  | 7.1 | 10:45 | 2.2  |       |      | 5:53                                                                                | 6:46 |    |
| 10   | Mon | 6:54  | 5.2 | 6:20  | 7.0 | 12:11 | 0.4  | 12:00 | 2.6  | 5:55                                                                                | 6:45 |    |
| 11   | Tue | 8:10  | 5.4 | 7:36  | 7.0 | 1:28  | 0.2  | 1:22  | 2.6  | 5:56                                                                                | 6:43 |    |
| 12   | Wed | 9:17  | 5.9 | 8:49  | 7.1 | 2:37  | -0.2 | 2:35  | 2.3  | 5:57                                                                                | 6:41 |   |
| 13   | Thu | 10:12 | 6.4 | 9:53  | 7.4 | 3:36  | -0.5 | 3:39  | 1.7  | 5:58                                                                                | 6:39 |  |
| 14   | Fri | 10:59 | 6.9 | 10:49 | 7.6 | 4:28  | -0.8 | 4:35  | 1.1  | 6:00                                                                                | 6:37 |  |
| 15   | Sat | 11:42 | 7.3 | 11:40 | 7.6 | 5:14  | -0.9 | 5:26  | 0.6  | 6:01                                                                                | 6:35 |  |
| 16   | Sun |       |     | 12:22 | 7.5 | 5:56  | -0.8 | 6:13  | 0.2  | 6:02                                                                                | 6:33 |  |
| 17   | Mon | 12:28 | 7.5 | 12:59 | 7.5 | 6:35  | -0.5 | 6:58  | -0.1 | 6:04                                                                                | 6:31 |  |
| 18   | Tue | 1:14  | 7.2 | 1:34  | 7.5 | 7:12  | 0.0  | 7:40  | -0.1 | 6:05                                                                                | 6:29 |  |
| 19   | Wed | 1:59  | 6.9 | 2:07  | 7.4 | 7:47  | 0.5  | 8:20  | 0.0  | 6:06                                                                                | 6:27 |  |
| 20   | Thu | 2:44  | 6.4 | 2:39  | 7.1 | 8:22  | 1.1  | 9:00  | 0.2  | 6:07                                                                                | 6:25 |  |
| 21   | Fri | 3:31  | 5.9 | 3:12  | 6.9 | 8:57  | 1.7  | 9:42  | 0.5  | 6:09                                                                                | 6:23 |  |
| 22   | Sat | 4:23  | 5.5 | 3:48  | 6.6 | 9:36  | 2.3  | 10:30 | 0.9  | 6:10                                                                                | 6:21 |  |
| 23   | Sun | 5:21  | 5.1 | 4:32  | 6.2 | 10:23 | 2.9  | 11:29 | 1.2  | 6:11                                                                                | 6:19 |  |
| 24   | Mon | 6:28  | 4.9 | 5:30  | 5.9 | 11:26 | 3.3  |       |      | 6:13                                                                                | 6:17 |  |
| 25   | Tue | 7:37  | 5.0 | 6:41  | 5.7 | 12:37 | 1.3  | 12:41 | 3.4  | 6:14                                                                                | 6:15 |  |
| 26   | Wed | 8:40  | 5.3 | 7:54  | 5.8 | 1:45  | 1.1  | 1:53  | 3.1  | 6:15                                                                                | 6:13 |  |
| 27   | Thu | 9:31  | 5.7 | 8:58  | 6.1 | 2:42  | 0.8  | 2:53  | 2.6  | 6:16                                                                                | 6:11 |  |
| 28   | Fri | 10:14 | 6.2 | 9:52  | 6.4 | 3:31  | 0.5  | 3:45  | 2.0  | 6:18                                                                                | 6:09 |  |
| 29   | Sat | 10:51 | 6.6 | 10:41 | 6.8 | 4:13  | 0.2  | 4:31  | 1.4  | 6:19                                                                                | 6:07 |  |
| 30   | Sun | 11:24 | 6.9 | 11:26 | 7.0 | 4:52  | 0.1  | 5:14  | 0.8  | 6:20                                                                                | 6:05 |  |