

## Columbia River entrance, WA - May 1860

| Date |     | High  |     |       |     | Low   |      |       |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue | 9:02  | 6.4 | 9:36  | 7.7 | 2:50  | 1.4  | 3:01  | 0.8 | 5:08                                                                                | 7:32 |    |
| 2    | Wed | 10:08 | 6.6 | 10:18 | 8.3 | 3:49  | 0.4  | 3:51  | 1.1 | 5:06                                                                                | 7:33 |    |
| 3    | Thu | 11:08 | 6.7 | 10:59 | 8.6 | 4:43  | -0.5 | 4:38  | 1.4 | 5:05                                                                                | 7:34 |    |
| 4    | Fri |       |     | 12:03 | 6.8 | 5:33  | -1.0 | 5:24  | 1.9 | 5:03                                                                                | 7:36 |    |
| 5    | Sat |       |     | 12:56 | 6.8 | 6:22  | -1.3 | 6:10  | 2.3 | 5:02                                                                                | 7:37 |    |
| 6    | Sun | 12:19 | 8.8 | 1:47  | 6.7 | 7:08  | -1.3 | 6:56  | 2.7 | 5:00                                                                                | 7:38 |    |
| 7    | Mon | 12:59 | 8.6 | 2:38  | 6.6 | 7:54  | -1.1 | 7:41  | 3.0 | 4:59                                                                                | 7:39 |    |
| 8    | Tue | 1:41  | 8.2 | 3:29  | 6.4 | 8:38  | -0.7 | 8:28  | 3.2 | 4:58                                                                                | 7:41 |    |
| 9    | Wed | 2:23  | 7.7 | 4:19  | 6.2 | 9:23  | -0.2 | 9:17  | 3.4 | 4:56                                                                                | 7:42 |    |
| 10   | Thu | 3:10  | 7.1 | 5:11  | 6.0 | 10:09 | 0.3  | 10:12 | 3.5 | 4:55                                                                                | 7:43 |    |
| 11   | Fri | 4:03  | 6.5 | 6:03  | 5.9 | 10:58 | 0.8  | 11:16 | 3.5 | 4:54                                                                                | 7:44 |    |
| 12   | Sat | 5:05  | 5.9 | 6:55  | 6.0 | 11:50 | 1.2  |       |     | 4:52                                                                                | 7:46 |   |
| 13   | Sun | 6:17  | 5.4 | 7:43  | 6.2 | 12:26 | 3.2  | 12:44 | 1.5 | 4:51                                                                                | 7:47 |  |
| 14   | Mon | 7:32  | 5.1 | 8:26  | 6.5 | 1:34  | 2.7  | 1:35  | 1.7 | 4:50                                                                                | 7:48 |  |
| 15   | Tue | 8:42  | 5.2 | 9:05  | 6.8 | 2:33  | 2.0  | 2:23  | 2.0 | 4:49                                                                                | 7:49 |  |
| 16   | Wed | 9:43  | 5.4 | 9:40  | 7.2 | 3:25  | 1.3  | 3:07  | 2.2 | 4:47                                                                                | 7:50 |  |
| 17   | Thu | 10:37 | 5.6 | 10:13 | 7.5 | 4:11  | 0.6  | 3:49  | 2.5 | 4:46                                                                                | 7:52 |  |
| 18   | Fri | 11:27 | 5.9 | 10:45 | 7.7 | 4:54  | 0.1  | 4:31  | 2.8 | 4:45                                                                                | 7:53 |  |
| 19   | Sat |       |     | 12:13 | 6.1 | 5:35  | -0.4 | 5:12  | 3.0 | 4:44                                                                                | 7:54 |  |
| 20   | Sun |       |     | 12:59 | 6.2 | 6:15  | -0.7 | 5:54  | 3.2 | 4:43                                                                                | 7:55 |  |
| 21   | Mon |       |     | 1:44  | 6.3 | 6:56  | -0.9 | 6:36  | 3.4 | 4:42                                                                                | 7:56 |  |
| 22   | Tue | 12:30 | 8.3 | 2:28  | 6.3 | 7:36  | -1.0 | 7:20  | 3.4 | 4:41                                                                                | 7:57 |  |
| 23   | Wed | 1:12  | 8.3 | 3:13  | 6.2 | 8:18  | -1.0 | 8:06  | 3.3 | 4:40                                                                                | 7:58 |  |
| 24   | Thu | 1:57  | 8.1 | 3:59  | 6.2 | 9:01  | -0.9 | 8:56  | 3.2 | 4:39                                                                                | 7:59 |  |
| 25   | Fri | 2:49  | 7.8 | 4:47  | 6.3 | 9:47  | -0.6 | 9:54  | 3.1 | 4:39                                                                                | 8:01 |  |
| 26   | Sat | 3:48  | 7.2 | 5:37  | 6.5 | 10:36 | -0.3 | 11:02 | 2.8 | 4:38                                                                                | 8:02 |  |
| 27   | Sun | 4:57  | 6.6 | 6:27  | 6.8 | 11:30 | 0.2  |       |     | 4:37                                                                                | 8:03 |  |
| 28   | Mon | 6:14  | 6.0 | 7:18  | 7.2 | 12:16 | 2.3  | 12:27 | 0.7 | 4:36                                                                                | 8:04 |  |
| 29   | Tue | 7:35  | 5.7 | 8:07  | 7.7 | 1:29  | 1.5  | 1:25  | 1.2 | 4:36                                                                                | 8:04 |  |
| 30   | Wed | 8:52  | 5.7 | 8:55  | 8.1 | 2:35  | 0.6  | 2:21  | 1.7 | 4:35                                                                                | 8:05 |  |
| 31   | Thu | 10:01 | 5.9 | 9:42  | 8.4 | 3:35  | -0.2 | 3:15  | 2.1 | 4:34                                                                                | 8:06 |  |