

## Astoria (Port Docks), OR - Jun 1823

| Date |     | High  |     |       |     | Low   |      |       |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sun | 5:22  | 6.2 | 6:53  | 6.7 | 12:00 | 3.0  | 12:05 | 0.9 | 4:34                                                                                | 8:05 |    |
| 2    | Mon | 6:34  | 5.8 | 7:37  | 7.0 | 1:06  | 2.6  | 12:56 | 1.3 | 4:33                                                                                | 8:06 |    |
| 3    | Tue | 7:54  | 5.5 | 8:20  | 7.5 | 2:14  | 2.0  | 1:52  | 1.8 | 4:33                                                                                | 8:07 |    |
| 4    | Wed | 9:12  | 5.6 | 9:04  | 8.0 | 3:17  | 1.2  | 2:49  | 2.2 | 4:32                                                                                | 8:08 |    |
| 5    | Thu | 10:22 | 5.9 | 9:49  | 8.5 | 4:14  | 0.4  | 3:44  | 2.5 | 4:32                                                                                | 8:08 |    |
| 6    | Fri | 11:24 | 6.2 | 10:36 | 8.9 | 5:07  | -0.4 | 4:39  | 2.8 | 4:31                                                                                | 8:09 |    |
| 7    | Sat |       |     | 12:20 | 6.6 | 5:59  | -1.1 | 5:33  | 3.0 | 4:31                                                                                | 8:10 |    |
| 8    | Sun |       |     | 1:14  | 6.8 | 6:50  | -1.6 | 6:28  | 3.0 | 4:30                                                                                | 8:11 |    |
| 9    | Mon | 12:13 | 9.4 | 2:05  | 7.1 | 7:41  | -1.8 | 7:23  | 2.9 | 4:30                                                                                | 8:11 |    |
| 10   | Tue | 1:04  | 9.5 | 2:55  | 7.2 | 8:30  | -1.9 | 8:18  | 2.7 | 4:30                                                                                | 8:12 |    |
| 11   | Wed | 1:56  | 9.2 | 3:44  | 7.3 | 9:17  | -1.8 | 9:14  | 2.5 | 4:30                                                                                | 8:13 |    |
| 12   | Thu | 2:51  | 8.8 | 4:32  | 7.4 | 10:04 | -1.5 | 10:11 | 2.3 | 4:29                                                                                | 8:13 |   |
| 13   | Fri | 3:48  | 8.1 | 5:20  | 7.5 | 10:50 | -1.0 | 11:11 | 2.1 | 4:29                                                                                | 8:14 |  |
| 14   | Sat | 4:50  | 7.3 | 6:08  | 7.7 | 11:38 | -0.3 |       |     | 4:29                                                                                | 8:14 |  |
| 15   | Sun | 5:57  | 6.6 | 6:57  | 7.8 | 12:17 | 1.8  | 12:27 | 0.4 | 4:29                                                                                | 8:15 |  |
| 16   | Mon | 7:11  | 6.0 | 7:46  | 7.9 | 1:26  | 1.5  | 1:20  | 1.2 | 4:29                                                                                | 8:15 |  |
| 17   | Tue | 8:26  | 5.7 | 8:34  | 8.1 | 2:35  | 0.9  | 2:15  | 1.8 | 4:29                                                                                | 8:16 |  |
| 18   | Wed | 9:39  | 5.7 | 9:20  | 8.2 | 3:37  | 0.4  | 3:09  | 2.4 | 4:29                                                                                | 8:16 |  |
| 19   | Thu | 10:43 | 5.9 | 10:05 | 8.3 | 4:33  | -0.1 | 4:02  | 2.8 | 4:29                                                                                | 8:16 |  |
| 20   | Fri | 11:38 | 6.2 | 10:47 | 8.3 | 5:23  | -0.4 | 4:53  | 3.1 | 4:29                                                                                | 8:17 |  |
| 21   | Sat |       |     | 12:27 | 6.4 | 6:08  | -0.7 | 5:40  | 3.2 | 4:30                                                                                | 8:17 |  |
| 22   | Sun |       |     | 1:12  | 6.6 | 6:50  | -0.8 | 6:26  | 3.3 | 4:30                                                                                | 8:17 |  |
| 23   | Mon | 12:05 | 8.2 | 1:53  | 6.7 | 7:28  | -0.8 | 7:10  | 3.3 | 4:30                                                                                | 8:17 |  |
| 24   | Tue | 12:43 | 8.1 | 2:31  | 6.7 | 8:04  | -0.7 | 7:51  | 3.2 | 4:30                                                                                | 8:17 |  |
| 25   | Wed | 1:20  | 8.0 | 3:07  | 6.7 | 8:37  | -0.7 | 8:31  | 3.0 | 4:31                                                                                | 8:17 |  |
| 26   | Thu | 1:57  | 7.8 | 3:40  | 6.7 | 9:07  | -0.6 | 9:10  | 2.8 | 4:31                                                                                | 8:17 |  |
| 27   | Fri | 2:35  | 7.5 | 4:11  | 6.7 | 9:36  | -0.4 | 9:50  | 2.6 | 4:32                                                                                | 8:18 |  |
| 28   | Sat | 3:15  | 7.1 | 4:42  | 6.8 | 10:06 | -0.1 | 10:34 | 2.4 | 4:32                                                                                | 8:17 |  |
| 29   | Sun | 4:02  | 6.6 | 5:14  | 7.0 | 10:38 | 0.3  | 11:24 | 2.2 | 4:32                                                                                | 8:17 |  |
| 30   | Mon | 4:56  | 6.1 | 5:49  | 7.2 | 11:14 | 0.8  |       |     | 4:33                                                                                | 8:17 |  |