

## Astoria (Port Docks), OR - Apr 1878

| Date |     | High  |     |       |     | Low   |      |       |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 12:16 | 7.7 | 12:28 | 7.2 | 6:34  | 0.9  | 6:38  | 1.1 | 6:01                                                                                | 6:51 |    |
| 2    | Tue | 12:42 | 7.9 | 1:08  | 7.1 | 7:11  | 0.5  | 7:08  | 1.4 | 5:59                                                                                | 6:52 |    |
| 3    | Wed | 1:06  | 8.1 | 1:48  | 7.0 | 7:46  | 0.2  | 7:37  | 1.8 | 5:57                                                                                | 6:53 |    |
| 4    | Thu | 1:28  | 8.2 | 2:27  | 6.9 | 8:20  | 0.0  | 8:06  | 2.2 | 5:55                                                                                | 6:55 |    |
| 5    | Fri | 1:52  | 8.4 | 3:08  | 6.7 | 8:53  | -0.1 | 8:36  | 2.6 | 5:53                                                                                | 6:56 |    |
| 6    | Sat | 2:18  | 8.5 | 3:52  | 6.4 | 9:27  | 0.0  | 9:08  | 2.9 | 5:51                                                                                | 6:57 |    |
| 7    | Sun | 2:50  | 8.5 | 4:42  | 6.1 | 10:05 | 0.1  | 9:46  | 3.3 | 5:50                                                                                | 6:59 |    |
| 8    | Mon | 3:30  | 8.4 | 5:41  | 5.8 | 10:53 | 0.3  | 10:33 | 3.6 | 5:48                                                                                | 7:00 |    |
| 9    | Tue | 4:19  | 8.1 | 6:49  | 5.7 | 11:55 | 0.5  | 11:39 | 3.8 | 5:46                                                                                | 7:01 |    |
| 10   | Wed | 5:23  | 7.7 | 7:57  | 5.9 |       |      | 1:09  | 0.6 | 5:44                                                                                | 7:03 |    |
| 11   | Thu | 6:45  | 7.3 | 8:58  | 6.3 | 1:07  | 3.8  | 2:21  | 0.5 | 5:42                                                                                | 7:04 |    |
| 12   | Fri | 8:12  | 7.2 | 9:48  | 6.9 | 2:32  | 3.2  | 3:23  | 0.3 | 5:40                                                                                | 7:05 |   |
| 13   | Sat | 9:30  | 7.4 | 10:32 | 7.6 | 3:43  | 2.2  | 4:16  | 0.2 | 5:38                                                                                | 7:06 |  |
| 14   | Sun | 10:37 | 7.6 | 11:12 | 8.3 | 4:43  | 1.2  | 5:03  | 0.2 | 5:37                                                                                | 7:08 |  |
| 15   | Mon | 11:36 | 7.7 | 11:51 | 8.9 | 5:38  | 0.2  | 5:48  | 0.5 | 5:35                                                                                | 7:09 |  |
| 16   | Tue |       |     | 12:32 | 7.8 | 6:29  | -0.7 | 6:32  | 0.9 | 5:33                                                                                | 7:10 |  |
| 17   | Wed | 12:29 | 9.3 | 1:26  | 7.7 | 7:19  | -1.2 | 7:15  | 1.4 | 5:31                                                                                | 7:12 |  |
| 18   | Thu | 1:08  | 9.4 | 2:19  | 7.5 | 8:07  | -1.4 | 7:59  | 1.9 | 5:29                                                                                | 7:13 |  |
| 19   | Fri | 1:47  | 9.4 | 3:12  | 7.3 | 8:54  | -1.3 | 8:43  | 2.4 | 5:28                                                                                | 7:14 |  |
| 20   | Sat | 2:28  | 9.1 | 4:06  | 6.9 | 9:41  | -1.0 | 9:29  | 2.9 | 5:26                                                                                | 7:16 |  |
| 21   | Sun | 3:11  | 8.6 | 5:02  | 6.6 | 10:31 | -0.4 | 10:19 | 3.3 | 5:24                                                                                | 7:17 |  |
| 22   | Mon | 3:58  | 8.0 | 6:02  | 6.3 | 11:24 | 0.1  | 11:17 | 3.6 | 5:22                                                                                | 7:18 |  |
| 23   | Tue | 4:54  | 7.3 | 7:04  | 6.2 |       |      | 12:23 | 0.6 | 5:21                                                                                | 7:20 |  |
| 24   | Wed | 6:01  | 6.7 | 8:05  | 6.3 | 12:27 | 3.7  | 1:26  | 1.0 | 5:19                                                                                | 7:21 |  |
| 25   | Thu | 7:18  | 6.2 | 8:58  | 6.6 | 1:43  | 3.4  | 2:26  | 1.2 | 5:17                                                                                | 7:22 |  |
| 26   | Fri | 8:33  | 6.1 | 9:43  | 6.9 | 2:54  | 2.9  | 3:18  | 1.3 | 5:16                                                                                | 7:24 |  |
| 27   | Sat | 9:39  | 6.1 | 10:21 | 7.3 | 3:53  | 2.2  | 4:03  | 1.4 | 5:14                                                                                | 7:25 |  |
| 28   | Sun | 10:36 | 6.3 | 10:55 | 7.6 | 4:43  | 1.4  | 4:42  | 1.5 | 5:12                                                                                | 7:26 |  |
| 29   | Mon | 11:26 | 6.5 | 11:24 | 7.9 | 5:27  | 0.8  | 5:19  | 1.8 | 5:11                                                                                | 7:28 |  |
| 30   | Tue |       |     | 12:12 | 6.6 | 6:08  | 0.2  | 5:54  | 2.1 | 5:09                                                                                | 7:29 |  |