

## Astoria (Port Docks), OR - Dec 1828

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 8:26  | 7.5 | 9:00     | 5.9 | 1:54  | 2.3 | 3:09  | 2.2  | 7:45                                                                                | 4:38 |    |
| 2    | Tue | 9:11  | 7.9 | 10:05    | 6.2 | 2:51  | 2.5 | 4:03  | 1.5  | 7:46                                                                                | 4:38 |    |
| 3    | Wed | 9:53  | 8.3 | 11:01    | 6.6 | 3:44  | 2.6 | 4:52  | 0.7  | 7:47                                                                                | 4:37 |    |
| 4    | Thu | 10:33 | 8.7 | 11:51    | 7.0 | 4:33  | 2.7 | 5:38  | 0.1  | 7:48                                                                                | 4:37 |    |
| 5    | Fri | 11:12 | 9.1 |          |     | 5:21  | 2.8 | 6:21  | -0.4 | 7:49                                                                                | 4:37 |    |
| 6    | Sat | 12:39 | 7.3 | 11:52 AM | 9.4 | 6:08  | 2.9 | 7:05  | -0.8 | 7:50                                                                                | 4:37 |    |
| 7    | Sun | 1:25  | 7.6 | 12:34    | 9.6 | 6:55  | 2.9 | 7:47  | -1.1 | 7:51                                                                                | 4:36 |    |
| 8    | Mon | 2:10  | 7.8 | 1:18     | 9.6 | 7:42  | 2.9 | 8:30  | -1.1 | 7:52                                                                                | 4:36 |    |
| 9    | Tue | 2:55  | 7.9 | 2:05     | 9.4 | 8:30  | 2.8 | 9:13  | -1.0 | 7:53                                                                                | 4:36 |    |
| 10   | Wed | 3:41  | 8.0 | 2:55     | 9.1 | 9:21  | 2.7 | 9:57  | -0.7 | 7:54                                                                                | 4:36 |    |
| 11   | Thu | 4:28  | 8.0 | 3:50     | 8.5 | 10:16 | 2.6 | 10:44 | -0.2 | 7:55                                                                                | 4:36 |    |
| 12   | Fri | 5:18  | 8.1 | 4:52     | 7.8 | 11:17 | 2.5 | 11:35 | 0.4  | 7:56                                                                                | 4:36 |    |
| 13   | Sat | 6:10  | 8.2 | 6:04     | 7.1 |       |     | 12:26 | 2.3  | 7:57                                                                                | 4:37 |   |
| 14   | Sun | 7:04  | 8.4 | 7:23     | 6.6 | 12:32 | 1.1 | 1:39  | 1.9  | 7:58                                                                                | 4:37 |  |
| 15   | Mon | 8:00  | 8.6 | 8:41     | 6.5 | 1:33  | 1.7 | 2:50  | 1.3  | 7:59                                                                                | 4:37 |  |
| 16   | Tue | 8:55  | 8.9 | 9:53     | 6.7 | 2:36  | 2.1 | 3:54  | 0.6  | 7:59                                                                                | 4:37 |  |
| 17   | Wed | 9:46  | 9.1 | 10:56    | 7.1 | 3:35  | 2.5 | 4:51  | 0.0  | 8:00                                                                                | 4:37 |  |
| 18   | Thu | 10:34 | 9.3 | 11:50    | 7.4 | 4:31  | 2.7 | 5:41  | -0.4 | 8:01                                                                                | 4:38 |  |
| 19   | Fri | 11:18 | 9.3 |          |     | 5:22  | 2.8 | 6:27  | -0.6 | 8:01                                                                                | 4:38 |  |
| 20   | Sat | 12:39 | 7.6 | 12:00    | 9.3 | 6:10  | 3.0 | 7:09  | -0.7 | 8:02                                                                                | 4:39 |  |
| 21   | Sun | 1:24  | 7.8 | 12:39    | 9.1 | 6:56  | 3.0 | 7:48  | -0.6 | 8:02                                                                                | 4:39 |  |
| 22   | Mon | 2:05  | 7.8 | 1:17     | 8.9 | 7:39  | 3.1 | 8:24  | -0.4 | 8:03                                                                                | 4:40 |  |
| 23   | Tue | 2:45  | 7.8 | 1:54     | 8.6 | 8:20  | 3.1 | 8:58  | -0.2 | 8:03                                                                                | 4:40 |  |
| 24   | Wed | 3:22  | 7.8 | 2:31     | 8.2 | 9:01  | 3.1 | 9:29  | 0.2  | 8:04                                                                                | 4:41 |  |
| 25   | Thu | 3:58  | 7.7 | 3:09     | 7.8 | 9:41  | 3.1 | 9:59  | 0.5  | 8:04                                                                                | 4:41 |  |
| 26   | Fri | 4:33  | 7.7 | 3:51     | 7.3 | 10:23 | 3.1 | 10:31 | 1.0  | 8:04                                                                                | 4:42 |  |
| 27   | Sat | 5:08  | 7.6 | 4:39     | 6.7 | 11:10 | 3.0 | 11:06 | 1.5  | 8:04                                                                                | 4:43 |  |
| 28   | Sun | 5:46  | 7.6 | 5:40     | 6.2 |       |     | 12:07 | 2.9  | 8:05                                                                                | 4:44 |  |
| 29   | Mon | 6:29  | 7.7 | 6:55     | 5.8 |       |     | 1:12  | 2.7  | 8:05                                                                                | 4:44 |  |
| 30   | Tue | 7:17  | 7.9 | 8:17     | 5.7 | 12:43 | 2.6 | 2:21  | 2.3  | 8:05                                                                                | 4:45 |  |
| 31   | Wed | 8:08  | 8.1 | 9:33     | 6.0 | 1:46  | 3.0 | 3:24  | 1.6  | 8:05                                                                                | 4:46 |  |