

## Astoria (Port Docks), OR - Oct 1870

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sat | 6:17  | 6.1 | 5:35  | 7.6 | 11:44 | 2.7  |       |      | 6:21                                                                                | 6:02 |    |
| 2    | Sun | 7:32  | 6.0 | 6:47  | 7.2 | 1:01  | 0.1  | 1:00  | 3.0  | 6:22                                                                                | 6:01 |    |
| 3    | Mon | 8:45  | 6.3 | 8:06  | 7.0 | 2:16  | 0.2  | 2:21  | 2.9  | 6:23                                                                                | 5:59 |    |
| 4    | Tue | 9:47  | 6.7 | 9:19  | 7.0 | 3:24  | 0.1  | 3:32  | 2.5  | 6:25                                                                                | 5:57 |    |
| 5    | Wed | 10:37 | 7.1 | 10:20 | 7.2 | 4:20  | -0.1 | 4:31  | 1.8  | 6:26                                                                                | 5:55 |    |
| 6    | Thu | 11:20 | 7.5 | 11:13 | 7.4 | 5:07  | -0.1 | 5:22  | 1.2  | 6:27                                                                                | 5:53 |    |
| 7    | Fri | 11:56 | 7.7 | 11:59 | 7.4 | 5:47  | -0.1 | 6:07  | 0.7  | 6:29                                                                                | 5:51 |    |
| 8    | Sat |       |     | 12:29 | 7.8 | 6:24  | 0.1  | 6:48  | 0.3  | 6:30                                                                                | 5:49 |    |
| 9    | Sun | 12:42 | 7.4 | 12:59 | 7.9 | 6:57  | 0.4  | 7:26  | 0.0  | 6:31                                                                                | 5:47 |    |
| 10   | Mon | 1:22  | 7.2 | 1:26  | 7.8 | 7:28  | 0.8  | 8:02  | -0.1 | 6:33                                                                                | 5:45 |    |
| 11   | Tue | 2:02  | 7.1 | 1:51  | 7.8 | 7:58  | 1.3  | 8:35  | -0.1 | 6:34                                                                                | 5:43 |    |
| 12   | Wed | 2:42  | 6.8 | 2:15  | 7.8 | 8:28  | 1.7  | 9:08  | 0.0  | 6:35                                                                                | 5:42 |   |
| 13   | Thu | 3:23  | 6.5 | 2:39  | 7.7 | 8:58  | 2.2  | 9:41  | 0.1  | 6:37                                                                                | 5:40 |  |
| 14   | Fri | 4:07  | 6.2 | 3:08  | 7.6 | 9:30  | 2.7  | 10:17 | 0.3  | 6:38                                                                                | 5:38 |  |
| 15   | Sat | 4:57  | 5.9 | 3:44  | 7.4 | 10:09 | 3.1  | 11:01 | 0.6  | 6:39                                                                                | 5:36 |  |
| 16   | Sun | 5:56  | 5.7 | 4:31  | 7.1 | 10:59 | 3.5  |       |      | 6:41                                                                                | 5:34 |  |
| 17   | Mon | 7:04  | 5.7 | 5:35  | 6.7 | 12:01 | 0.9  | 12:09 | 3.8  | 6:42                                                                                | 5:33 |  |
| 18   | Tue | 8:11  | 5.9 | 6:57  | 6.5 | 1:16  | 1.0  | 1:34  | 3.6  | 6:44                                                                                | 5:31 |  |
| 19   | Wed | 9:09  | 6.3 | 8:22  | 6.6 | 2:28  | 0.8  | 2:50  | 3.1  | 6:45                                                                                | 5:29 |  |
| 20   | Thu | 9:57  | 6.8 | 9:35  | 7.0 | 3:28  | 0.5  | 3:53  | 2.3  | 6:46                                                                                | 5:27 |  |
| 21   | Fri | 10:39 | 7.4 | 10:37 | 7.4 | 4:20  | 0.2  | 4:47  | 1.3  | 6:48                                                                                | 5:26 |  |
| 22   | Sat | 11:17 | 8.0 | 11:33 | 7.8 | 5:06  | 0.1  | 5:37  | 0.4  | 6:49                                                                                | 5:24 |  |
| 23   | Sun | 11:54 | 8.6 |       |     | 5:50  | 0.1  | 6:25  | -0.4 | 6:51                                                                                | 5:22 |  |
| 24   | Mon | 12:25 | 8.0 | 12:32 | 9.0 | 6:34  | 0.4  | 7:13  | -1.1 | 6:52                                                                                | 5:21 |  |
| 25   | Tue | 1:18  | 8.0 | 1:10  | 9.3 | 7:17  | 0.7  | 8:00  | -1.4 | 6:53                                                                                | 5:19 |  |
| 26   | Wed | 2:10  | 7.9 | 1:50  | 9.4 | 8:01  | 1.2  | 8:48  | -1.5 | 6:55                                                                                | 5:17 |  |
| 27   | Thu | 3:04  | 7.6 | 2:32  | 9.2 | 8:46  | 1.7  | 9:38  | -1.3 | 6:56                                                                                | 5:16 |  |
| 28   | Fri | 4:00  | 7.3 | 3:18  | 8.9 | 9:35  | 2.3  | 10:30 | -0.9 | 6:58                                                                                | 5:14 |  |
| 29   | Sat | 5:00  | 7.0 | 4:10  | 8.3 | 10:29 | 2.8  | 11:28 | -0.3 | 6:59                                                                                | 5:13 |  |
| 30   | Sun | 6:05  | 6.8 | 5:11  | 7.6 | 11:33 | 3.2  |       |      | 7:00                                                                                | 5:11 |  |
| 31   | Mon | 7:12  | 6.7 | 6:25  | 7.0 | 12:33 | 0.2  | 12:49 | 3.3  | 7:02                                                                                | 5:10 |  |