

## Astoria (Port Docks), OR - Oct 1880

| Date |     | High  |     |       |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Fri | 11:14 | 7.1 | 11:18 | 7.0 | 5:01  | 0.4 | 5:25  | 1.0  | 6:21                                                                                | 6:01 |    |
| 2    | Sat | 11:45 | 7.6 |       |     | 5:39  | 0.4 | 6:07  | 0.3  | 6:23                                                                                | 5:59 |    |
| 3    | Sun | 12:04 | 7.2 | 12:15 | 8.0 | 6:15  | 0.5 | 6:48  | -0.3 | 6:24                                                                                | 5:58 |    |
| 4    | Mon | 12:50 | 7.3 | 12:45 | 8.4 | 6:51  | 0.8 | 7:29  | -0.8 | 6:25                                                                                | 5:56 |    |
| 5    | Tue | 1:36  | 7.2 | 1:17  | 8.7 | 7:27  | 1.2 | 8:11  | -1.1 | 6:27                                                                                | 5:54 |    |
| 6    | Wed | 2:23  | 7.1 | 1:52  | 8.9 | 8:05  | 1.6 | 8:54  | -1.1 | 6:28                                                                                | 5:52 |    |
| 7    | Thu | 3:13  | 6.8 | 2:31  | 8.9 | 8:46  | 2.0 | 9:41  | -1.0 | 6:29                                                                                | 5:50 |    |
| 8    | Fri | 4:07  | 6.5 | 3:16  | 8.6 | 9:31  | 2.4 | 10:34 | -0.7 | 6:31                                                                                | 5:48 |    |
| 9    | Sat | 5:08  | 6.2 | 4:09  | 8.2 | 10:24 | 2.8 | 11:36 | -0.2 | 6:32                                                                                | 5:46 |    |
| 10   | Sun | 6:15  | 6.0 | 5:16  | 7.6 | 11:32 | 3.1 |       |      | 6:33                                                                                | 5:44 |    |
| 11   | Mon | 7:25  | 6.1 | 6:36  | 7.1 | 12:47 | 0.1 | 12:56 | 3.1  | 6:35                                                                                | 5:42 |    |
| 12   | Tue | 8:31  | 6.5 | 8:01  | 6.9 | 2:00  | 0.3 | 2:18  | 2.6  | 6:36                                                                                | 5:41 |   |
| 13   | Wed | 9:27  | 7.0 | 9:17  | 6.9 | 3:04  | 0.3 | 3:30  | 1.8  | 6:37                                                                                | 5:39 |  |
| 14   | Thu | 10:15 | 7.6 | 10:22 | 7.1 | 3:59  | 0.2 | 4:30  | 0.9  | 6:39                                                                                | 5:37 |  |
| 15   | Fri | 10:56 | 8.1 | 11:18 | 7.3 | 4:46  | 0.3 | 5:22  | 0.1  | 6:40                                                                                | 5:35 |  |
| 16   | Sat | 11:34 | 8.4 |       |     | 5:29  | 0.6 | 6:09  | -0.5 | 6:42                                                                                | 5:33 |  |
| 17   | Sun | 12:08 | 7.4 | 12:09 | 8.6 | 6:09  | 0.9 | 6:52  | -0.8 | 6:43                                                                                | 5:32 |  |
| 18   | Mon | 12:56 | 7.3 | 12:41 | 8.6 | 6:47  | 1.4 | 7:33  | -0.9 | 6:44                                                                                | 5:30 |  |
| 19   | Tue | 1:41  | 7.2 | 1:12  | 8.5 | 7:23  | 1.9 | 8:12  | -0.9 | 6:46                                                                                | 5:28 |  |
| 20   | Wed | 2:25  | 7.0 | 1:42  | 8.3 | 7:59  | 2.3 | 8:49  | -0.6 | 6:47                                                                                | 5:26 |  |
| 21   | Thu | 3:09  | 6.8 | 2:12  | 8.1 | 8:35  | 2.7 | 9:25  | -0.3 | 6:48                                                                                | 5:25 |  |
| 22   | Fri | 3:53  | 6.5 | 2:44  | 7.8 | 9:11  | 3.1 | 10:02 | 0.1  | 6:50                                                                                | 5:23 |  |
| 23   | Sat | 4:40  | 6.3 | 3:21  | 7.4 | 9:52  | 3.3 | 10:43 | 0.5  | 6:51                                                                                | 5:21 |  |
| 24   | Sun | 5:31  | 6.0 | 4:05  | 7.0 | 10:40 | 3.6 | 11:31 | 0.9  | 6:53                                                                                | 5:20 |  |
| 25   | Mon | 6:26  | 5.9 | 5:03  | 6.5 | 11:41 | 3.7 |       |      | 6:54                                                                                | 5:18 |  |
| 26   | Tue | 7:23  | 6.0 | 6:19  | 6.1 | 12:30 | 1.2 | 12:56 | 3.6  | 6:56                                                                                | 5:16 |  |
| 27   | Wed | 8:17  | 6.3 | 7:42  | 5.9 | 1:32  | 1.3 | 2:11  | 3.1  | 6:57                                                                                | 5:15 |  |
| 28   | Thu | 9:03  | 6.7 | 8:58  | 6.0 | 2:31  | 1.4 | 3:15  | 2.3  | 6:58                                                                                | 5:13 |  |
| 29   | Fri | 9:44  | 7.2 | 10:02 | 6.3 | 3:23  | 1.4 | 4:09  | 1.5  | 7:00                                                                                | 5:12 |  |
| 30   | Sat | 10:20 | 7.8 | 10:58 | 6.7 | 4:09  | 1.4 | 4:57  | 0.6  | 7:01                                                                                | 5:10 |  |
| 31   | Sun | 10:55 | 8.3 | 11:50 | 7.0 | 4:52  | 1.6 | 5:42  | -0.2 | 7:03                                                                                | 5:09 |  |