

## Astoria (Port Docks), OR - Aug 1853

| Date |     | High  |     |       |     | Low   |      |          |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 11:32 | 5.9 | 10:30 | 7.5 | 5:10  | -0.1 | 4:42     | 3.2 | 5:04                                                                                | 7:52 |    |
| 2    | Tue |       |     | 12:17 | 6.3 | 5:54  | -0.5 | 5:32     | 3.0 | 5:05                                                                                | 7:51 |    |
| 3    | Wed |       |     | 12:58 | 6.5 | 6:35  | -0.8 | 6:19     | 2.8 | 5:06                                                                                | 7:50 |    |
| 4    | Thu |       |     | 1:35  | 6.7 | 7:13  | -1.0 | 7:02     | 2.6 | 5:07                                                                                | 7:48 |    |
| 5    | Fri | 12:38 | 8.0 | 2:09  | 6.8 | 7:49  | -1.2 | 7:44     | 2.2 | 5:09                                                                                | 7:47 |    |
| 6    | Sat | 1:19  | 8.0 | 2:42  | 6.9 | 8:22  | -1.2 | 8:25     | 1.9 | 5:10                                                                                | 7:45 |    |
| 7    | Sun | 2:01  | 7.9 | 3:13  | 7.1 | 8:55  | -1.1 | 9:06     | 1.5 | 5:11                                                                                | 7:44 |    |
| 8    | Mon | 2:45  | 7.6 | 3:45  | 7.3 | 9:28  | -0.8 | 9:50     | 1.2 | 5:12                                                                                | 7:42 |    |
| 9    | Tue | 3:33  | 7.2 | 4:19  | 7.5 | 10:02 | -0.3 | 10:38    | 0.9 | 5:14                                                                                | 7:41 |    |
| 10   | Wed | 4:28  | 6.6 | 4:58  | 7.7 | 10:41 | 0.3  | 11:35    | 0.8 | 5:15                                                                                | 7:39 |    |
| 11   | Thu | 5:33  | 5.9 | 5:43  | 7.8 | 11:26 | 1.1  |          |     | 5:16                                                                                | 7:38 |    |
| 12   | Fri | 6:50  | 5.4 | 6:37  | 7.9 | 12:44 | 0.6  | 12:22    | 1.9 | 5:17                                                                                | 7:36 |    |
| 13   | Sat | 8:16  | 5.3 | 7:40  | 7.9 | 2:00  | 0.3  | 1:32     | 2.5 | 5:19                                                                                | 7:34 |   |
| 14   | Sun | 9:36  | 5.5 | 8:47  | 8.1 | 3:15  | -0.2 | 2:49     | 2.8 | 5:20                                                                                | 7:33 |  |
| 15   | Mon | 10:44 | 6.0 | 9:53  | 8.3 | 4:22  | -0.7 | 4:00     | 2.8 | 5:21                                                                                | 7:31 |  |
| 16   | Tue | 11:40 | 6.5 | 10:53 | 8.5 | 5:20  | -1.2 | 5:04     | 2.5 | 5:22                                                                                | 7:30 |  |
| 17   | Wed |       |     | 12:28 | 6.9 | 6:11  | -1.5 | 6:01     | 2.0 | 5:24                                                                                | 7:28 |  |
| 18   | Thu |       |     | 1:12  | 7.2 | 6:58  | -1.6 | 6:54     | 1.6 | 5:25                                                                                | 7:26 |  |
| 19   | Fri | 12:39 | 8.5 | 1:53  | 7.3 | 7:40  | -1.5 | 7:43     | 1.3 | 5:26                                                                                | 7:24 |  |
| 20   | Sat | 1:27  | 8.2 | 2:31  | 7.4 | 8:18  | -1.2 | 8:28     | 1.0 | 5:27                                                                                | 7:23 |  |
| 21   | Sun | 2:13  | 7.8 | 3:06  | 7.4 | 8:53  | -0.8 | 9:12     | 0.8 | 5:29                                                                                | 7:21 |  |
| 22   | Mon | 2:59  | 7.3 | 3:39  | 7.3 | 9:26  | -0.2 | 9:55     | 0.8 | 5:30                                                                                | 7:19 |  |
| 23   | Tue | 3:45  | 6.7 | 4:10  | 7.2 | 9:58  | 0.5  | 10:39    | 0.8 | 5:31                                                                                | 7:17 |  |
| 24   | Wed | 4:35  | 6.0 | 4:42  | 7.1 | 10:30 | 1.2  | 11:27    | 1.0 | 5:32                                                                                | 7:16 |  |
| 25   | Thu | 5:31  | 5.5 | 5:18  | 6.9 | 11:06 | 1.9  |          |     | 5:34                                                                                | 7:14 |  |
| 26   | Fri | 6:38  | 5.0 | 6:00  | 6.7 | 12:24 | 1.1  | 11:52 AM | 2.7 | 5:35                                                                                | 7:12 |  |
| 27   | Sat | 7:54  | 4.9 | 6:55  | 6.6 | 1:30  | 1.1  | 12:55    | 3.2 | 5:36                                                                                | 7:10 |  |
| 28   | Sun | 9:10  | 5.1 | 8:00  | 6.6 | 2:41  | 0.9  | 2:10     | 3.5 | 5:37                                                                                | 7:08 |  |
| 29   | Mon | 10:13 | 5.5 | 9:05  | 6.8 | 3:44  | 0.6  | 3:21     | 3.4 | 5:39                                                                                | 7:06 |  |
| 30   | Tue | 11:04 | 5.9 | 10:04 | 7.1 | 4:37  | 0.1  | 4:20     | 3.1 | 5:40                                                                                | 7:05 |  |
| 31   | Wed | 11:46 | 6.3 | 10:55 | 7.4 | 5:23  | -0.3 | 5:12     | 2.6 | 5:41                                                                                | 7:03 |  |