

## Astoria (Youngs Bay), OR - Sep 1865

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Fri | 10:07 | 6.4 | 9:22  | 7.9 | 3:34  | 0.4  | 3:30  | 2.7  | 5:43                                                                                | 7:01 |    |
| 2    | Sat | 10:54 | 6.9 | 10:22 | 8.3 | 4:27  | -0.1 | 4:28  | 2.1  | 5:44                                                                                | 6:59 |    |
| 3    | Sun | 11:36 | 7.5 | 11:16 | 8.6 | 5:14  | -0.5 | 5:21  | 1.4  | 5:45                                                                                | 6:57 |    |
| 4    | Mon |       |     | 12:15 | 8.0 | 5:58  | -0.8 | 6:11  | 0.7  | 5:46                                                                                | 6:55 |    |
| 5    | Tue | 12:07 | 8.8 | 12:53 | 8.4 | 6:40  | -0.9 | 7:00  | 0.1  | 5:48                                                                                | 6:53 |    |
| 6    | Wed | 12:57 | 8.9 | 1:31  | 8.8 | 7:21  | -0.8 | 7:48  | -0.4 | 5:49                                                                                | 6:51 |    |
| 7    | Thu | 1:48  | 8.7 | 2:09  | 9.1 | 8:02  | -0.5 | 8:36  | -0.7 | 5:50                                                                                | 6:49 |    |
| 8    | Fri | 2:39  | 8.4 | 2:50  | 9.2 | 8:43  | 0.0  | 9:25  | -0.7 | 5:51                                                                                | 6:47 |    |
| 9    | Sat | 3:33  | 7.9 | 3:33  | 9.1 | 9:26  | 0.6  | 10:18 | -0.6 | 5:53                                                                                | 6:45 |    |
| 10   | Sun | 4:31  | 7.3 | 4:20  | 8.8 | 10:13 | 1.3  | 11:16 | -0.2 | 5:54                                                                                | 6:43 |    |
| 11   | Mon | 5:36  | 6.8 | 5:15  | 8.4 | 11:07 | 1.9  |       |      | 5:55                                                                                | 6:41 |    |
| 12   | Tue | 6:47  | 6.5 | 6:20  | 7.9 | 12:23 | 0.1  | 12:14 | 2.5  | 5:57                                                                                | 6:39 |   |
| 13   | Wed | 8:01  | 6.5 | 7:33  | 7.6 | 1:37  | 0.3  | 1:30  | 2.7  | 5:58                                                                                | 6:37 |  |
| 14   | Thu | 9:09  | 6.8 | 8:46  | 7.6 | 2:47  | 0.2  | 2:45  | 2.5  | 5:59                                                                                | 6:35 |  |
| 15   | Fri | 10:06 | 7.2 | 9:50  | 7.7 | 3:47  | 0.1  | 3:49  | 2.0  | 6:00                                                                                | 6:33 |  |
| 16   | Sat | 10:54 | 7.6 | 10:45 | 7.9 | 4:38  | -0.1 | 4:44  | 1.5  | 6:02                                                                                | 6:31 |  |
| 17   | Sun | 11:34 | 7.9 | 11:32 | 8.0 | 5:21  | -0.1 | 5:32  | 1.0  | 6:03                                                                                | 6:30 |  |
| 18   | Mon |       |     | 12:10 | 8.1 | 5:59  | -0.1 | 6:15  | 0.7  | 6:04                                                                                | 6:28 |  |
| 19   | Tue | 12:15 | 8.0 | 12:43 | 8.2 | 6:34  | 0.1  | 6:54  | 0.4  | 6:05                                                                                | 6:26 |  |
| 20   | Wed | 12:56 | 7.9 | 1:12  | 8.2 | 7:06  | 0.4  | 7:31  | 0.2  | 6:07                                                                                | 6:24 |  |
| 21   | Thu | 1:35  | 7.7 | 1:40  | 8.2 | 7:37  | 0.8  | 8:06  | 0.1  | 6:08                                                                                | 6:22 |  |
| 22   | Fri | 2:13  | 7.5 | 2:05  | 8.2 | 8:07  | 1.1  | 8:39  | 0.1  | 6:09                                                                                | 6:20 |  |
| 23   | Sat | 2:51  | 7.2 | 2:31  | 8.2 | 8:36  | 1.5  | 9:12  | 0.2  | 6:10                                                                                | 6:18 |  |
| 24   | Sun | 3:32  | 6.9 | 2:59  | 8.2 | 9:07  | 1.9  | 9:47  | 0.4  | 6:12                                                                                | 6:16 |  |
| 25   | Mon | 4:16  | 6.6 | 3:32  | 8.0 | 9:41  | 2.3  | 10:27 | 0.6  | 6:13                                                                                | 6:14 |  |
| 26   | Tue | 5:08  | 6.2 | 4:14  | 7.8 | 10:23 | 2.8  | 11:18 | 0.8  | 6:14                                                                                | 6:12 |  |
| 27   | Wed | 6:11  | 6.0 | 5:09  | 7.5 | 11:20 | 3.1  |       |      | 6:16                                                                                | 6:10 |  |
| 28   | Thu | 7:22  | 6.0 | 6:21  | 7.3 | 12:26 | 1.0  | 12:36 | 3.3  | 6:17                                                                                | 6:08 |  |
| 29   | Fri | 8:29  | 6.3 | 7:42  | 7.3 | 1:42  | 0.9  | 1:58  | 3.0  | 6:18                                                                                | 6:06 |  |
| 30   | Sat | 9:26  | 6.8 | 8:58  | 7.5 | 2:50  | 0.6  | 3:09  | 2.4  | 6:20                                                                                | 6:04 |  |