

## Astoria (Youngs Bay), OR - Nov 2078

| Date |     | High  |      |       |      | Low   |     |       |      |  |      |    |
|------|-----|-------|------|-------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM    | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue | 11:58 | 8.6  |       |      | 5:42  | 1.0 | 6:19  | 0.8  | 7:57                                                                                | 6:00 |    |
| 2    | Wed | 12:21 | 7.5  | 12:30 | 8.8  | 6:19  | 1.3 | 7:00  | 0.2  | 7:58                                                                                | 5:59 |    |
| 3    | Thu | 1:06  | 7.6  | 12:59 | 8.9  | 6:54  | 1.7 | 7:37  | -0.1 | 8:00                                                                                | 5:57 |    |
| 4    | Fri | 1:50  | 7.6  | 1:25  | 9.0  | 7:27  | 2.1 | 8:13  | -0.3 | 8:01                                                                                | 5:56 |    |
| 5    | Sat | 2:31  | 7.6  | 1:50  | 9.0  | 8:00  | 2.6 | 8:47  | -0.3 | 8:03                                                                                | 5:54 |    |
| 6    | Sun | 2:13  | 7.5  | 1:14  | 9.0  | 7:32  | 3.0 | 8:19  | -0.3 | 7:04                                                                                | 4:53 |    |
| 7    | Mon | 2:54  | 7.3  | 1:41  | 8.9  | 8:05  | 3.4 | 8:52  | -0.1 | 7:05                                                                                | 4:52 |    |
| 8    | Tue | 3:36  | 7.2  | 2:11  | 8.8  | 8:39  | 3.7 | 9:26  | 0.1  | 7:07                                                                                | 4:50 |    |
| 9    | Wed | 4:22  | 7.0  | 2:47  | 8.6  | 9:17  | 4.0 | 10:05 | 0.3  | 7:08                                                                                | 4:49 |    |
| 10   | Thu | 5:12  | 6.8  | 3:31  | 8.3  | 10:02 | 4.2 | 10:52 | 0.6  | 7:10                                                                                | 4:48 |    |
| 11   | Fri | 6:08  | 6.7  | 4:28  | 7.8  | 11:02 | 4.3 | 11:51 | 0.9  | 7:11                                                                                | 4:47 |    |
| 12   | Sat | 7:06  | 6.8  | 5:42  | 7.4  |       |     | 12:21 | 4.2  | 7:13                                                                                | 4:46 |   |
| 13   | Sun | 8:00  | 7.1  | 7:09  | 7.1  | 12:58 | 1.0 | 1:42  | 3.6  | 7:14                                                                                | 4:44 |  |
| 14   | Mon | 8:48  | 7.7  | 8:32  | 7.2  | 2:02  | 1.0 | 2:51  | 2.7  | 7:15                                                                                | 4:43 |  |
| 15   | Tue | 9:30  | 8.3  | 9:45  | 7.4  | 2:58  | 1.1 | 3:50  | 1.6  | 7:17                                                                                | 4:42 |  |
| 16   | Wed | 10:10 | 9.0  | 10:48 | 7.8  | 3:49  | 1.2 | 4:44  | 0.5  | 7:18                                                                                | 4:41 |  |
| 17   | Thu | 10:49 | 9.6  | 11:46 | 8.1  | 4:37  | 1.5 | 5:34  | -0.5 | 7:20                                                                                | 4:40 |  |
| 18   | Fri | 11:28 | 10.2 |       |      | 5:23  | 1.8 | 6:23  | -1.2 | 7:21                                                                                | 4:39 |  |
| 19   | Sat | 12:41 | 8.2  | 12:08 | 10.5 | 6:10  | 2.2 | 7:12  | -1.6 | 7:22                                                                                | 4:38 |  |
| 20   | Sun | 1:35  | 8.3  | 12:50 | 10.6 | 6:58  | 2.6 | 8:01  | -1.7 | 7:24                                                                                | 4:38 |  |
| 21   | Mon | 2:29  | 8.2  | 1:34  | 10.4 | 7:47  | 3.0 | 8:50  | -1.5 | 7:25                                                                                | 4:37 |  |
| 22   | Tue | 3:23  | 8.1  | 2:21  | 10.0 | 8:38  | 3.3 | 9:40  | -1.0 | 7:26                                                                                | 4:36 |  |
| 23   | Wed | 4:18  | 8.0  | 3:13  | 9.4  | 9:32  | 3.6 | 10:32 | -0.4 | 7:28                                                                                | 4:35 |  |
| 24   | Thu | 5:15  | 7.8  | 4:10  | 8.6  | 10:32 | 3.7 | 11:27 | 0.2  | 7:29                                                                                | 4:34 |  |
| 25   | Fri | 6:13  | 7.8  | 5:18  | 7.8  | 11:40 | 3.7 |       |      | 7:30                                                                                | 4:34 |  |
| 26   | Sat | 7:10  | 7.8  | 6:34  | 7.2  | 12:25 | 0.8 | 12:56 | 3.5  | 7:31                                                                                | 4:33 |  |
| 27   | Sun | 8:04  | 8.0  | 7:54  | 6.8  | 1:24  | 1.2 | 2:11  | 2.9  | 7:33                                                                                | 4:33 |  |
| 28   | Mon | 8:53  | 8.3  | 9:07  | 6.8  | 2:20  | 1.6 | 3:15  | 2.2  | 7:34                                                                                | 4:32 |  |
| 29   | Tue | 9:35  | 8.6  | 10:11 | 6.9  | 3:10  | 2.0 | 4:09  | 1.4  | 7:35                                                                                | 4:31 |  |
| 30   | Wed | 10:12 | 8.9  | 11:05 | 7.2  | 3:55  | 2.3 | 4:56  | 0.8  | 7:36                                                                                | 4:31 |  |