

## Astoria (Youngs Bay), OR - Aug 1854

| Date |     | High  |     |       |     | Low   |      |          |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue | 5:41  | 6.1 | 5:54  | 8.1 | 11:26 | 1.5  |          |     | 5:03                                                                                | 7:52 |    |
| 2    | Wed | 7:02  | 5.7 | 6:46  | 8.3 | 12:50 | 1.1  | 12:21    | 2.2 | 5:05                                                                                | 7:51 |    |
| 3    | Thu | 8:30  | 5.7 | 7:46  | 8.6 | 2:06  | 0.7  | 1:30     | 2.9 | 5:06                                                                                | 7:50 |    |
| 4    | Fri | 9:51  | 6.0 | 8:50  | 8.8 | 3:19  | 0.0  | 2:46     | 3.2 | 5:07                                                                                | 7:48 |    |
| 5    | Sat | 10:57 | 6.4 | 9:55  | 9.2 | 4:24  | -0.6 | 3:57     | 3.1 | 5:08                                                                                | 7:47 |    |
| 6    | Sun | 11:53 | 6.9 | 10:56 | 9.4 | 5:22  | -1.2 | 5:02     | 2.8 | 5:10                                                                                | 7:45 |    |
| 7    | Mon |       |     | 12:42 | 7.4 | 6:15  | -1.6 | 6:02     | 2.4 | 5:11                                                                                | 7:44 |    |
| 8    | Tue |       |     | 1:28  | 7.7 | 7:04  | -1.9 | 6:57     | 1.9 | 5:12                                                                                | 7:43 |    |
| 9    | Wed | 12:48 | 9.5 | 2:11  | 8.0 | 7:48  | -1.9 | 7:50     | 1.4 | 5:13                                                                                | 7:41 |    |
| 10   | Thu | 1:40  | 9.3 | 2:52  | 8.2 | 8:30  | -1.6 | 8:41     | 1.1 | 5:14                                                                                | 7:40 |    |
| 11   | Fri | 2:32  | 8.8 | 3:31  | 8.3 | 9:10  | -1.1 | 9:31     | 0.8 | 5:16                                                                                | 7:38 |    |
| 12   | Sat | 3:24  | 8.1 | 4:10  | 8.3 | 9:47  | -0.5 | 10:22    | 0.7 | 5:17                                                                                | 7:36 |   |
| 13   | Sun | 4:18  | 7.3 | 4:49  | 8.2 | 10:25 | 0.4  | 11:16    | 0.8 | 5:18                                                                                | 7:35 |  |
| 14   | Mon | 5:17  | 6.6 | 5:29  | 8.0 | 11:05 | 1.3  |          |     | 5:19                                                                                | 7:33 |  |
| 15   | Tue | 6:24  | 6.0 | 6:14  | 7.8 | 12:16 | 0.8  | 11:51 AM | 2.1 | 5:21                                                                                | 7:32 |  |
| 16   | Wed | 7:38  | 5.7 | 7:05  | 7.6 | 1:23  | 0.9  | 12:48    | 2.9 | 5:22                                                                                | 7:30 |  |
| 17   | Thu | 8:55  | 5.8 | 8:04  | 7.5 | 2:32  | 0.7  | 1:56     | 3.3 | 5:23                                                                                | 7:28 |  |
| 18   | Fri | 10:03 | 6.1 | 9:03  | 7.6 | 3:35  | 0.4  | 3:04     | 3.5 | 5:25                                                                                | 7:26 |  |
| 19   | Sat | 10:58 | 6.5 | 9:59  | 7.7 | 4:30  | 0.1  | 4:04     | 3.3 | 5:26                                                                                | 7:25 |  |
| 20   | Sun | 11:43 | 6.8 | 10:48 | 7.9 | 5:16  | -0.2 | 4:57     | 3.0 | 5:27                                                                                | 7:23 |  |
| 21   | Mon |       |     | 12:22 | 7.1 | 5:57  | -0.5 | 5:43     | 2.7 | 5:28                                                                                | 7:21 |  |
| 22   | Tue |       |     | 12:57 | 7.3 | 6:34  | -0.7 | 6:26     | 2.3 | 5:30                                                                                | 7:20 |  |
| 23   | Wed | 12:13 | 8.2 | 1:29  | 7.4 | 7:07  | -0.7 | 7:06     | 1.9 | 5:31                                                                                | 7:18 |  |
| 24   | Thu | 12:51 | 8.2 | 1:58  | 7.5 | 7:38  | -0.7 | 7:43     | 1.6 | 5:32                                                                                | 7:16 |  |
| 25   | Fri | 1:29  | 8.1 | 2:25  | 7.7 | 8:07  | -0.6 | 8:20     | 1.2 | 5:33                                                                                | 7:14 |  |
| 26   | Sat | 2:08  | 7.9 | 2:50  | 7.8 | 8:35  | -0.3 | 8:56     | 0.9 | 5:35                                                                                | 7:12 |  |
| 27   | Sun | 2:49  | 7.5 | 3:16  | 8.0 | 9:03  | 0.1  | 9:35     | 0.7 | 5:36                                                                                | 7:11 |  |
| 28   | Mon | 3:35  | 7.1 | 3:46  | 8.2 | 9:34  | 0.7  | 10:18    | 0.5 | 5:37                                                                                | 7:09 |  |
| 29   | Tue | 4:28  | 6.6 | 4:22  | 8.4 | 10:09 | 1.4  | 11:11    | 0.5 | 5:38                                                                                | 7:07 |  |
| 30   | Wed | 5:34  | 6.0 | 5:08  | 8.4 | 10:53 | 2.2  |          |     | 5:40                                                                                | 7:05 |  |
| 31   | Thu | 6:56  | 5.7 | 6:06  | 8.3 | 12:20 | 0.5  | 11:53 AM | 2.9 | 5:41                                                                                | 7:03 |  |