

## Astoria (Youngs Bay), OR - Nov 1882

| Date |     | High  |      |          |      | Low   |     |       |      |  |      |    |
|------|-----|-------|------|----------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM       | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 5:36  | 7.4  | 4:46     | 7.7  | 11:04 | 3.2 | 11:51 | 0.8  | 7:03                                                                                | 5:08 |    |
| 2    | Thu | 6:34  | 7.3  | 5:52     | 7.0  |       |     | 12:10 | 3.3  | 7:05                                                                                | 5:06 |    |
| 3    | Fri | 7:31  | 7.3  | 7:08     | 6.6  | 12:49 | 1.2 | 1:23  | 3.1  | 7:06                                                                                | 5:05 |    |
| 4    | Sat | 8:24  | 7.6  | 8:23     | 6.5  | 1:49  | 1.5 | 2:32  | 2.6  | 7:08                                                                                | 5:04 |    |
| 5    | Sun | 9:11  | 7.9  | 9:29     | 6.7  | 2:43  | 1.7 | 3:30  | 1.9  | 7:09                                                                                | 5:02 |    |
| 6    | Mon | 9:52  | 8.2  | 10:26    | 6.9  | 3:31  | 1.9 | 4:20  | 1.2  | 7:11                                                                                | 5:01 |    |
| 7    | Tue | 10:29 | 8.5  | 11:15    | 7.2  | 4:14  | 2.0 | 5:05  | 0.7  | 7:12                                                                                | 4:59 |    |
| 8    | Wed | 11:02 | 8.8  |          |      | 4:55  | 2.2 | 5:45  | 0.2  | 7:13                                                                                | 4:58 |    |
| 9    | Thu | 12:00 | 7.4  | 11:33 AM | 9.0  | 5:34  | 2.4 | 6:24  | -0.1 | 7:15                                                                                | 4:57 |    |
| 10   | Fri | 12:43 | 7.6  | 12:04    | 9.1  | 6:12  | 2.6 | 7:01  | -0.4 | 7:16                                                                                | 4:56 |    |
| 11   | Sat | 1:24  | 7.7  | 12:34    | 9.3  | 6:49  | 2.8 | 7:37  | -0.5 | 7:18                                                                                | 4:54 |    |
| 12   | Sun | 2:05  | 7.7  | 1:07     | 9.3  | 7:27  | 3.0 | 8:13  | -0.5 | 7:19                                                                                | 4:53 |    |
| 13   | Mon | 2:46  | 7.7  | 1:42     | 9.3  | 8:06  | 3.1 | 8:50  | -0.5 | 7:21                                                                                | 4:52 |   |
| 14   | Tue | 3:28  | 7.6  | 2:22     | 9.2  | 8:47  | 3.2 | 9:28  | -0.3 | 7:22                                                                                | 4:51 |  |
| 15   | Wed | 4:13  | 7.5  | 3:08     | 8.9  | 9:32  | 3.3 | 10:11 | -0.1 | 7:23                                                                                | 4:50 |  |
| 16   | Thu | 5:01  | 7.5  | 4:02     | 8.4  | 10:26 | 3.3 | 11:01 | 0.3  | 7:25                                                                                | 4:49 |  |
| 17   | Fri | 5:53  | 7.6  | 5:09     | 7.8  | 11:33 | 3.2 | 11:58 | 0.7  | 7:26                                                                                | 4:48 |  |
| 18   | Sat | 6:47  | 7.9  | 6:28     | 7.4  |       |     | 12:49 | 2.8  | 7:28                                                                                | 4:47 |  |
| 19   | Sun | 7:43  | 8.3  | 7:52     | 7.2  | 1:01  | 1.1 | 2:05  | 2.1  | 7:29                                                                                | 4:46 |  |
| 20   | Mon | 8:36  | 8.8  | 9:11     | 7.3  | 2:05  | 1.5 | 3:12  | 1.2  | 7:30                                                                                | 4:45 |  |
| 21   | Tue | 9:27  | 9.4  | 10:19    | 7.6  | 3:05  | 1.7 | 4:13  | 0.3  | 7:32                                                                                | 4:44 |  |
| 22   | Wed | 10:14 | 9.8  | 11:20    | 7.9  | 4:01  | 1.9 | 5:07  | -0.5 | 7:33                                                                                | 4:44 |  |
| 23   | Thu | 11:00 | 10.2 |          |      | 4:54  | 2.2 | 5:58  | -1.0 | 7:34                                                                                | 4:43 |  |
| 24   | Fri | 12:14 | 8.2  | 11:45 AM | 10.3 | 5:44  | 2.4 | 6:47  | -1.3 | 7:36                                                                                | 4:42 |  |
| 25   | Sat | 1:06  | 8.4  | 12:28    | 10.3 | 6:34  | 2.6 | 7:33  | -1.3 | 7:37                                                                                | 4:41 |  |
| 26   | Sun | 1:55  | 8.4  | 1:12     | 10.0 | 7:23  | 2.8 | 8:18  | -1.1 | 7:38                                                                                | 4:41 |  |
| 27   | Mon | 2:43  | 8.4  | 1:55     | 9.7  | 8:11  | 2.9 | 9:01  | -0.7 | 7:40                                                                                | 4:40 |  |
| 28   | Tue | 3:30  | 8.3  | 2:39     | 9.1  | 8:58  | 3.1 | 9:42  | -0.3 | 7:41                                                                                | 4:39 |  |
| 29   | Wed | 4:16  | 8.2  | 3:25     | 8.5  | 9:46  | 3.2 | 10:22 | 0.3  | 7:42                                                                                | 4:39 |  |
| 30   | Thu | 5:02  | 8.0  | 4:15     | 7.8  | 10:38 | 3.3 | 11:04 | 0.9  | 7:43                                                                                | 4:38 |  |