


































## Astoria (Youngs Bay), OR - Oct 2012

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|---|------|---|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise  | Set  | Moon  |
| 1    | Mon | 2:30  | 7.8 | 2:23  | 8.6 | 8:22  | 1.1  | 9:01  | -0.4 | 7:14  | 6:54 |    |
| 2    | Tue | 3:11  | 7.6 | 2:51  | 8.5 | 8:55  | 1.6  | 9:36  | -0.3 | 7:16  | 6:52 |    |
| 3    | Wed | 3:53  | 7.3 | 3:18  | 8.4 | 9:26  | 2.0  | 10:11 | -0.1 | 7:17  | 6:50 |    |
| 4    | Thu | 4:35  | 7.0 | 3:46  | 8.2 | 9:59  | 2.4  | 10:47 | 0.2  | 7:18  | 6:48 |    |
| 5    | Fri | 5:21  | 6.7 | 4:19  | 8.0 | 10:35 | 2.8  | 11:26 | 0.6  | 7:20  | 6:47 |    |
| 6    | Sat | 6:12  | 6.4 | 5:00  | 7.7 | 11:18 | 3.2  |       |      | 7:21  | 6:45 |    |
| 7    | Sun | 7:11  | 6.2 | 5:52  | 7.3 | 12:15 | 0.9  | 12:14 | 3.4  | 7:22  | 6:43 |    |
| 8    | Mon | 8:15  | 6.2 | 7:03  | 6.9 | 1:17  | 1.1  | 1:28  | 3.5  | 7:24  | 6:41 |    |
| 9    | Tue | 9:16  | 6.4 | 8:26  | 6.8 | 2:27  | 1.2  | 2:47  | 3.3  | 7:25  | 6:39 |    |
| 10   | Wed | 10:08 | 6.9 | 9:43  | 6.9 | 3:30  | 1.1  | 3:56  | 2.6  | 7:26  | 6:37 |    |
| 11   | Thu | 10:53 | 7.4 | 10:49 | 7.3 | 4:25  | 0.9  | 4:53  | 1.8  | 7:28  | 6:35 |    |
| 12   | Fri | 11:32 | 8.0 | 11:46 | 7.6 | 5:12  | 0.7  | 5:44  | 0.9  | 7:29  | 6:33 |   |
| 13   | Sat |       |     | 12:08 | 8.6 | 5:56  | 0.7  | 6:32  | 0.1  | 7:30  | 6:32 |  |
| 14   | Sun | 12:38 | 8.0 | 12:44 | 9.1 | 6:38  | 0.8  | 7:18  | -0.6 | 7:32  | 6:30 |  |
| 15   | Mon | 1:29  | 8.2 | 1:20  | 9.5 | 7:20  | 1.0  | 8:04  | -1.1 | 7:33  | 6:28 |  |
| 16   | Tue | 2:18  | 8.2 | 1:59  | 9.8 | 8:03  | 1.3  | 8:50  | -1.4 | 7:34  | 6:26 |  |
| 17   | Wed | 3:09  | 8.1 | 2:40  | 9.9 | 8:47  | 1.6  | 9:38  | -1.4 | 7:36  | 6:24 |  |
| 18   | Thu | 4:01  | 7.9 | 3:24  | 9.8 | 9:33  | 2.0  | 10:27 | -1.2 | 7:37  | 6:23 |  |
| 19   | Fri | 4:56  | 7.7 | 4:12  | 9.4 | 10:23 | 2.3  | 11:20 | -0.8 | 7:38  | 6:21 |  |
| 20   | Sat | 5:55  | 7.4 | 5:08  | 8.8 | 11:19 | 2.7  |       |      | 7:40  | 6:19 |  |
| 21   | Sun | 6:58  | 7.3 | 6:14  | 8.1 | 12:18 | -0.2 | 12:26 | 2.9  | 7:41  | 6:17 |  |
| 22   | Mon | 8:04  | 7.3 | 7:30  | 7.5 | 1:24  | 0.3  | 1:43  | 2.9  | 7:43  | 6:16 |  |
| 23   | Tue | 9:07  | 7.5 | 8:51  | 7.2 | 2:31  | 0.6  | 3:01  | 2.5  | 7:44  | 6:14 |  |
| 24   | Wed | 10:03 | 7.9 | 10:05 | 7.2 | 3:34  | 0.8  | 4:10  | 1.8  | 7:45  | 6:12 |  |
| 25   | Thu | 10:51 | 8.3 | 11:08 | 7.4 | 4:29  | 0.9  | 5:09  | 1.0  | 7:47  | 6:11 |  |
| 26   | Fri | 11:33 | 8.7 |       |     | 5:17  | 1.1  | 5:59  | 0.4  | 7:48  | 6:09 |  |
| 27   | Sat | 12:03 | 7.6 | 12:10 | 8.9 | 5:59  | 1.3  | 6:43  | -0.1 | 7:50  | 6:08 |  |
| 28   | Sun | 12:51 | 7.7 | 12:44 | 9.0 | 6:39  | 1.6  | 7:24  | -0.4 | 7:51  | 6:06 |  |
| 29   | Mon | 1:36  | 7.8 | 1:15  | 9.0 | 7:16  | 2.0  | 8:03  | -0.5 | 7:53  | 6:05 |  |
| 30   | Tue | 2:18  | 7.8 | 1:45  | 9.0 | 7:51  | 2.3  | 8:39  | -0.5 | 7:54  | 6:03 |  |
| 31   | Wed | 2:59  | 7.7 | 2:13  | 8.9 | 8:27  | 2.6  | 9:14  | -0.3 | 7:55  | 6:01 |  |