















## Astoria (Youngs Bay), OR - Sep 2009

| Date |     | High  |     |       |     | Low   |      |          |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|------|---|------|---|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft   | Rise  | Set  | Moon  |
| 1    | Tue |       |     | 12:34 | 7.0 | 6:10  | 0.0  | 6:04     | 2.3  | 6:36  | 7:53 |    |
| 2    | Wed |       |     | 1:08  | 7.3 | 6:46  | -0.2 | 6:48     | 1.8  | 6:37  | 7:51 |    |
| 3    | Thu | 12:40 | 7.8 | 1:38  | 7.5 | 7:19  | -0.3 | 7:28     | 1.3  | 6:39  | 7:50 |    |
| 4    | Fri | 1:20  | 7.9 | 2:05  | 7.7 | 7:49  | -0.2 | 8:06     | 0.9  | 6:40  | 7:48 |    |
| 5    | Sat | 1:59  | 7.8 | 2:30  | 7.9 | 8:18  | 0.0  | 8:43     | 0.5  | 6:41  | 7:46 |    |
| 6    | Sun | 2:39  | 7.7 | 2:53  | 8.2 | 8:46  | 0.3  | 9:18     | 0.2  | 6:42  | 7:44 |    |
| 7    | Mon | 3:19  | 7.4 | 3:17  | 8.4 | 9:14  | 0.8  | 9:54     | 0.0  | 6:44  | 7:42 |    |
| 8    | Tue | 4:02  | 7.1 | 3:45  | 8.6 | 9:44  | 1.3  | 10:32    | -0.1 | 6:45  | 7:40 |    |
| 9    | Wed | 4:50  | 6.7 | 4:19  | 8.7 | 10:17 | 1.8  | 11:17    | 0.0  | 6:46  | 7:38 |    |
| 10   | Thu | 5:46  | 6.2 | 5:01  | 8.6 | 10:56 | 2.4  |          |      | 6:47  | 7:36 |    |
| 11   | Fri | 6:57  | 5.8 | 5:55  | 8.4 | 12:15 | 0.2  | 11:47 AM | 3.0  | 6:49  | 7:34 |    |
| 12   | Sat | 8:19  | 5.7 | 7:05  | 8.1 | 1:31  | 0.4  | 1:02     | 3.4  | 6:50  | 7:32 |   |
| 13   | Sun | 9:38  | 5.9 | 8:31  | 7.9 | 2:56  | 0.3  | 2:37     | 3.4  | 6:51  | 7:30 |  |
| 14   | Mon | 10:42 | 6.5 | 9:54  | 8.1 | 4:09  | -0.1 | 4:01     | 2.9  | 6:52  | 7:28 |  |
| 15   | Tue | 11:34 | 7.1 | 11:05 | 8.3 | 5:08  | -0.5 | 5:09     | 2.1  | 6:54  | 7:26 |  |
| 16   | Wed |       |     | 12:18 | 7.8 | 5:58  | -0.8 | 6:07     | 1.1  | 6:55  | 7:24 |  |
| 17   | Thu | 12:06 | 8.6 | 12:57 | 8.3 | 6:43  | -0.8 | 7:00     | 0.3  | 6:56  | 7:22 |  |
| 18   | Fri | 1:00  | 8.6 | 1:35  | 8.8 | 7:25  | -0.7 | 7:49     | -0.4 | 6:57  | 7:20 |  |
| 19   | Sat | 1:51  | 8.5 | 2:11  | 9.0 | 8:04  | -0.3 | 8:36     | -0.8 | 6:59  | 7:18 |  |
| 20   | Sun | 2:41  | 8.2 | 2:45  | 9.1 | 8:42  | 0.3  | 9:20     | -0.9 | 7:00  | 7:16 |  |
| 21   | Mon | 3:30  | 7.8 | 3:19  | 9.0 | 9:19  | 0.9  | 10:04    | -0.8 | 7:01  | 7:14 |  |
| 22   | Tue | 4:20  | 7.4 | 3:53  | 8.8 | 9:56  | 1.6  | 10:48    | -0.4 | 7:02  | 7:12 |  |
| 23   | Wed | 5:11  | 6.9 | 4:29  | 8.4 | 10:34 | 2.3  | 11:34    | 0.0  | 7:04  | 7:10 |  |
| 24   | Thu | 6:08  | 6.4 | 5:09  | 8.0 | 11:17 | 2.9  |          |      | 7:05  | 7:08 |  |
| 25   | Fri | 7:12  | 6.1 | 5:59  | 7.4 | 12:27 | 0.6  | 12:10    | 3.5  | 7:06  | 7:06 |  |
| 26   | Sat | 8:21  | 6.0 | 7:04  | 7.0 | 1:32  | 1.0  | 1:20     | 3.7  | 7:08  | 7:05 |  |
| 27   | Sun | 9:29  | 6.1 | 8:23  | 6.7 | 2:44  | 1.1  | 2:40     | 3.7  | 7:09  | 7:03 |  |
| 28   | Mon | 10:26 | 6.5 | 9:39  | 6.8 | 3:49  | 1.0  | 3:52     | 3.2  | 7:10  | 7:01 |  |
| 29   | Tue | 11:12 | 6.9 | 10:42 | 7.0 | 4:41  | 0.8  | 4:51     | 2.5  | 7:11  | 6:59 |  |
| 30   | Wed | 11:49 | 7.3 | 11:34 | 7.2 | 5:23  | 0.6  | 5:40     | 1.8  | 7:13  | 6:57 |  |