

## Astoria (Youngs Bay), OR - Sep 1989

| Date |     | High  |     |       |     | Low   |      |          |      |  |      |  |
|------|-----|-------|-----|-------|-----|-------|------|----------|------|---|------|---|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft   | Rise  | Set  | Moon  |
| 1    | Fri | 2:14  | 7.9 | 2:51  | 7.9 | 8:39  | -0.2 | 8:58     | 0.7  | 6:36  | 7:54 | ●   |
| 2    | Sat | 2:54  | 7.6 | 3:16  | 8.0 | 9:06  | 0.3  | 9:33     | 0.5  | 6:37  | 7:52 | ●   |
| 3    | Sun | 3:33  | 7.2 | 3:39  | 8.0 | 9:32  | 0.8  | 10:07    | 0.4  | 6:38  | 7:50 | ●   |
| 4    | Mon | 4:14  | 6.8 | 4:01  | 8.0 | 9:58  | 1.4  | 10:41    | 0.5  | 6:40  | 7:48 | ◐   |
| 5    | Tue | 4:57  | 6.4 | 4:26  | 8.0 | 10:25 | 2.0  | 11:19    | 0.6  | 6:41  | 7:46 | ◑   |
| 6    | Wed | 5:47  | 5.9 | 4:57  | 7.9 | 10:57 | 2.6  |          |      | 6:42  | 7:44 | ◑   |
| 7    | Thu | 6:51  | 5.5 | 5:39  | 7.7 | 12:05 | 0.9  | 11:37 AM | 3.2  | 6:43  | 7:42 | ◑   |
| 8    | Fri | 8:10  | 5.3 | 6:35  | 7.5 | 1:08  | 1.1  | 12:36    | 3.7  | 6:45  | 7:40 | ◒   |
| 9    | Sat | 9:32  | 5.5 | 7:50  | 7.3 | 2:30  | 1.1  | 2:04     | 4.0  | 6:46  | 7:38 | ◒   |
| 10   | Sun | 10:39 | 5.9 | 9:13  | 7.4 | 3:47  | 0.7  | 3:32     | 3.7  | 6:47  | 7:36 | ◒   |
| 11   | Mon | 11:29 | 6.4 | 10:26 | 7.8 | 4:48  | 0.2  | 4:41     | 3.1  | 6:48  | 7:34 | ◒   |
| 12   | Tue |       |     | 12:09 | 6.9 | 5:38  | -0.4 | 5:38     | 2.3  | 6:50  | 7:32 | ◓   |
| 13   | Wed |       |     | 12:45 | 7.5 | 6:21  | -0.7 | 6:29     | 1.4  | 6:51  | 7:30 | ◓   |
| 14   | Thu | 12:23 | 8.5 | 1:18  | 8.0 | 7:01  | -0.9 | 7:17     | 0.5  | 6:52  | 7:28 | ◓   |
| 15   | Fri | 1:14  | 8.7 | 1:52  | 8.5 | 7:40  | -0.7 | 8:04     | -0.2 | 6:53  | 7:27 | ◓   |
| 16   | Sat | 2:05  | 8.6 | 2:25  | 9.0 | 8:18  | -0.4 | 8:51     | -0.8 | 6:55  | 7:25 | ◓   |
| 17   | Sun | 2:56  | 8.3 | 3:00  | 9.3 | 8:56  | 0.1  | 9:38     | -1.1 | 6:56  | 7:23 | ◓   |
| 18   | Mon | 3:48  | 7.9 | 3:37  | 9.4 | 9:35  | 0.8  | 10:27    | -1.1 | 6:57  | 7:21 | ◓   |
| 19   | Tue | 4:44  | 7.4 | 4:18  | 9.3 | 10:16 | 1.5  | 11:20    | -0.8 | 6:58  | 7:19 | ◓   |
| 20   | Wed | 5:45  | 6.8 | 5:03  | 8.9 | 11:02 | 2.3  |          |      | 7:00  | 7:17 | ◓   |
| 21   | Thu | 6:54  | 6.4 | 5:59  | 8.4 | 12:21 | -0.3 | 11:58 AM | 3.0  | 7:01  | 7:15 | ◓   |
| 22   | Fri | 8:10  | 6.2 | 7:09  | 7.8 | 1:32  | 0.1  | 1:12     | 3.5  | 7:02  | 7:13 | ◔   |
| 23   | Sat | 9:26  | 6.3 | 8:32  | 7.4 | 2:51  | 0.3  | 2:38     | 3.5  | 7:03  | 7:11 | ◔   |
| 24   | Sun | 10:31 | 6.7 | 9:52  | 7.4 | 4:02  | 0.2  | 3:57     | 3.1  | 7:05  | 7:09 | ◔   |
| 25   | Mon | 11:23 | 7.2 | 10:58 | 7.5 | 5:00  | 0.1  | 5:02     | 2.4  | 7:06  | 7:07 | ◔   |
| 26   | Tue |       |     | 12:04 | 7.6 | 5:46  | 0.0  | 5:54     | 1.7  | 7:07  | 7:05 | ◕   |
| 27   | Wed |       |     | 12:39 | 7.9 | 6:25  | 0.0  | 6:40     | 1.0  | 7:09  | 7:03 | ◕   |
| 28   | Thu | 12:39 | 7.7 | 1:10  | 8.1 | 6:59  | 0.2  | 7:20     | 0.5  | 7:10  | 7:01 | ◕   |
| 29   | Fri | 1:21  | 7.7 | 1:38  | 8.3 | 7:31  | 0.5  | 7:58     | 0.1  | 7:11  | 6:59 | ◕   |
| 30   | Sat | 2:02  | 7.6 | 2:03  | 8.3 | 8:00  | 0.9  | 8:33     | -0.1 | 7:12  | 6:57 | ◕   |