

## Astoria (Youngs Bay), OR - Oct 1970

| Date |     | High  |     |          |     | Low   |      |          |      |  |      |  |
|------|-----|-------|-----|----------|-----|-------|------|----------|------|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft   | PM       | ft   | Rise                                                                                | Set  | Moon                                                                                |
| 1    | Thu | 2:15  | 7.4 | 2:08     | 8.4 | 8:08  | 1.1  | 8:43     | -0.1 | 7:13                                                                                | 6:56 | ●                                                                                   |
| 2    | Fri | 2:54  | 7.3 | 2:31     | 8.6 | 8:36  | 1.6  | 9:16     | -0.3 | 7:15                                                                                | 6:54 | ●                                                                                   |
| 3    | Sat | 3:34  | 7.1 | 2:56     | 8.8 | 9:05  | 2.0  | 9:50     | -0.3 | 7:16                                                                                | 6:52 | ●                                                                                   |
| 4    | Sun | 4:18  | 6.8 | 3:25     | 8.8 | 9:36  | 2.5  | 10:27    | -0.2 | 7:17                                                                                | 6:50 | ◐                                                                                   |
| 5    | Mon | 5:07  | 6.5 | 4:02     | 8.8 | 10:11 | 3.0  | 11:13    | 0.0  | 7:18                                                                                | 6:48 | ◐                                                                                   |
| 6    | Tue | 6:06  | 6.1 | 4:48     | 8.5 | 10:55 | 3.4  |          |      | 7:20                                                                                | 6:46 | ◐                                                                                   |
| 7    | Wed | 7:18  | 5.9 | 5:48     | 8.1 | 12:12 | 0.3  | 11:56 AM | 3.8  | 7:21                                                                                | 6:44 | ◐                                                                                   |
| 8    | Thu | 8:33  | 6.0 | 7:07     | 7.7 | 1:29  | 0.5  | 1:24     | 3.9  | 7:22                                                                                | 6:42 | ◐                                                                                   |
| 9    | Fri | 9:41  | 6.4 | 8:39     | 7.6 | 2:50  | 0.4  | 2:58     | 3.5  | 7:24                                                                                | 6:41 | ◐                                                                                   |
| 10   | Sat | 10:35 | 7.0 | 10:01    | 7.8 | 3:57  | 0.2  | 4:13     | 2.6  | 7:25                                                                                | 6:39 | ◐                                                                                   |
| 11   | Sun | 11:20 | 7.7 | 11:10    | 8.0 | 4:53  | -0.1 | 5:15     | 1.5  | 7:26                                                                                | 6:37 | ○                                                                                   |
| 12   | Mon | 11:59 | 8.4 |          |     | 5:41  | -0.1 | 6:10     | 0.4  | 7:28                                                                                | 6:35 | ○                                                                                   |
| 13   | Tue | 12:10 | 8.3 | 12:37    | 9.0 | 6:24  | 0.0  | 7:00     | -0.5 | 7:29                                                                                | 6:33 | ○                                                                                   |
| 14   | Wed | 1:05  | 8.4 | 1:13     | 9.5 | 7:06  | 0.4  | 7:48     | -1.1 | 7:31                                                                                | 6:31 | ○                                                                                   |
| 15   | Thu | 1:57  | 8.3 | 1:49     | 9.7 | 7:47  | 0.9  | 8:35     | -1.4 | 7:32                                                                                | 6:29 | ○                                                                                   |
| 16   | Fri | 2:49  | 8.1 | 2:25     | 9.7 | 8:28  | 1.5  | 9:20     | -1.4 | 7:33                                                                                | 6:28 | ○                                                                                   |
| 17   | Sat | 3:40  | 7.8 | 3:02     | 9.5 | 9:09  | 2.1  | 10:06    | -1.1 | 7:35                                                                                | 6:26 | ○                                                                                   |
| 18   | Sun | 4:32  | 7.5 | 3:40     | 9.1 | 9:51  | 2.7  | 10:52    | -0.6 | 7:36                                                                                | 6:24 | ○                                                                                   |
| 19   | Mon | 5:27  | 7.1 | 4:21     | 8.6 | 10:36 | 3.2  | 11:42    | 0.0  | 7:37                                                                                | 6:22 | ○                                                                                   |
| 20   | Tue | 6:25  | 6.8 | 5:08     | 7.9 | 11:27 | 3.7  |          |      | 7:39                                                                                | 6:21 | ○                                                                                   |
| 21   | Wed | 7:28  | 6.6 | 6:08     | 7.3 | 12:38 | 0.6  | 12:31    | 3.9  | 7:40                                                                                | 6:19 | ○                                                                                   |
| 22   | Thu | 8:32  | 6.6 | 7:25     | 6.8 | 1:43  | 1.0  | 1:49     | 3.9  | 7:42                                                                                | 6:17 | ◐                                                                                   |
| 23   | Fri | 9:31  | 6.8 | 8:47     | 6.5 | 2:48  | 1.2  | 3:06     | 3.5  | 7:43                                                                                | 6:15 | ◐                                                                                   |
| 24   | Sat | 10:20 | 7.2 | 10:00    | 6.6 | 3:45  | 1.2  | 4:11     | 2.8  | 7:44                                                                                | 6:14 | ◐                                                                                   |
| 25   | Sun | 10:00 | 7.6 | 10:00    | 6.8 | 3:33  | 1.2  | 4:04     | 2.0  | 6:46                                                                                | 5:12 | ◐                                                                                   |
| 26   | Mon | 10:34 | 8.0 | 10:51    | 7.0 | 4:13  | 1.3  | 4:50     | 1.3  | 6:47                                                                                | 5:11 | ◐                                                                                   |
| 27   | Tue | 11:04 | 8.3 | 11:38    | 7.2 | 4:50  | 1.4  | 5:31     | 0.6  | 6:49                                                                                | 5:09 | ◐                                                                                   |
| 28   | Wed | 11:31 | 8.6 |          |     | 5:24  | 1.7  | 6:09     | 0.1  | 6:50                                                                                | 5:07 | ◐                                                                                   |
| 29   | Thu | 12:22 | 7.4 | 11:57 AM | 8.9 | 5:59  | 2.1  | 6:46     | -0.3 | 6:51                                                                                | 5:06 | ◐                                                                                   |
| 30   | Fri | 1:05  | 7.4 | 12:24    | 9.1 | 6:33  | 2.5  | 7:22     | -0.5 | 6:53                                                                                | 5:04 | ●                                                                                   |
| 31   | Sat | 1:47  | 7.4 | 12:52    | 9.3 | 7:07  | 2.8  | 7:58     | -0.6 | 6:54                                                                                | 5:03 | ●                                                                                   |