

## Astoria (Youngs Bay), OR - Aug 1977

| Date |     | High  |     |       |     | Low   |      |          |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 2:42  | 9.0 | 3:43  | 8.4 | 9:24  | -1.2 | 9:40     | 0.9 | 5:57                                                                                | 8:45 |    |
| 2    | Tue | 3:31  | 8.5 | 4:23  | 8.4 | 10:02 | -0.7 | 10:27    | 0.9 | 5:58                                                                                | 8:44 |    |
| 3    | Wed | 4:19  | 7.9 | 5:02  | 8.3 | 10:39 | -0.2 | 11:15    | 0.9 | 5:59                                                                                | 8:42 |    |
| 4    | Thu | 5:09  | 7.3 | 5:40  | 8.1 | 11:16 | 0.5  |          |     | 6:01                                                                                | 8:41 |    |
| 5    | Fri | 6:03  | 6.7 | 6:20  | 7.9 | 12:05 | 1.1  | 11:54 AM | 1.3 | 6:02                                                                                | 8:40 |    |
| 6    | Sat | 7:04  | 6.1 | 7:05  | 7.7 | 1:00  | 1.2  | 12:39    | 1.9 | 6:03                                                                                | 8:38 |    |
| 7    | Sun | 8:13  | 5.8 | 7:56  | 7.5 | 2:03  | 1.3  | 1:34     | 2.5 | 6:04                                                                                | 8:37 |    |
| 8    | Mon | 9:25  | 5.7 | 8:54  | 7.5 | 3:10  | 1.2  | 2:39     | 2.9 | 6:06                                                                                | 8:35 |    |
| 9    | Tue | 10:33 | 6.0 | 9:52  | 7.6 | 4:13  | 0.8  | 3:45     | 3.0 | 6:07                                                                                | 8:34 |    |
| 10   | Wed | 11:29 | 6.3 | 10:46 | 7.8 | 5:07  | 0.5  | 4:45     | 2.9 | 6:08                                                                                | 8:32 |    |
| 11   | Thu |       |     | 12:17 | 6.7 | 5:54  | 0.1  | 5:38     | 2.6 | 6:09                                                                                | 8:31 |    |
| 12   | Fri |       |     | 12:58 | 7.1 | 6:36  | -0.3 | 6:27     | 2.3 | 6:11                                                                                | 8:29 |   |
| 13   | Sat | 12:20 | 8.2 | 1:35  | 7.4 | 7:15  | -0.5 | 7:11     | 1.9 | 6:12                                                                                | 8:27 |  |
| 14   | Sun | 1:02  | 8.3 | 2:10  | 7.6 | 7:51  | -0.7 | 7:54     | 1.6 | 6:13                                                                                | 8:26 |  |
| 15   | Mon | 1:43  | 8.4 | 2:42  | 7.8 | 8:25  | -0.7 | 8:34     | 1.2 | 6:14                                                                                | 8:24 |  |
| 16   | Tue | 2:23  | 8.3 | 3:13  | 8.0 | 8:58  | -0.6 | 9:15     | 0.9 | 6:16                                                                                | 8:23 |  |
| 17   | Wed | 3:05  | 8.2 | 3:44  | 8.2 | 9:31  | -0.4 | 9:55     | 0.6 | 6:17                                                                                | 8:21 |  |
| 18   | Thu | 3:50  | 7.9 | 4:17  | 8.4 | 10:05 | -0.1 | 10:39    | 0.5 | 6:18                                                                                | 8:19 |  |
| 19   | Fri | 4:39  | 7.5 | 4:55  | 8.6 | 10:41 | 0.4  | 11:27    | 0.4 | 6:19                                                                                | 8:17 |  |
| 20   | Sat | 5:35  | 6.9 | 5:38  | 8.6 | 11:23 | 1.0  |          |     | 6:21                                                                                | 8:16 |  |
| 21   | Sun | 6:41  | 6.4 | 6:31  | 8.5 | 12:26 | 0.5  | 12:14    | 1.7 | 6:22                                                                                | 8:14 |  |
| 22   | Mon | 7:58  | 6.1 | 7:34  | 8.3 | 1:36  | 0.5  | 1:20     | 2.3 | 6:23                                                                                | 8:12 |  |
| 23   | Tue | 9:18  | 6.1 | 8:45  | 8.3 | 2:54  | 0.3  | 2:39     | 2.5 | 6:24                                                                                | 8:10 |  |
| 24   | Wed | 10:31 | 6.5 | 9:57  | 8.4 | 4:07  | -0.1 | 3:56     | 2.4 | 6:26                                                                                | 8:09 |  |
| 25   | Thu | 11:31 | 7.0 | 11:03 | 8.7 | 5:09  | -0.5 | 5:03     | 2.0 | 6:27                                                                                | 8:07 |  |
| 26   | Fri |       |     | 12:23 | 7.6 | 6:04  | -0.9 | 6:03     | 1.5 | 6:28                                                                                | 8:05 |  |
| 27   | Sat | 12:01 | 8.8 | 1:08  | 8.0 | 6:52  | -1.1 | 6:57     | 1.0 | 6:29                                                                                | 8:03 |  |
| 28   | Sun | 12:54 | 8.9 | 1:50  | 8.3 | 7:36  | -1.1 | 7:47     | 0.6 | 6:31                                                                                | 8:01 |  |
| 29   | Mon | 1:43  | 8.8 | 2:29  | 8.4 | 8:16  | -0.9 | 8:34     | 0.3 | 6:32                                                                                | 7:59 |  |
| 30   | Tue | 2:30  | 8.5 | 3:06  | 8.5 | 8:54  | -0.5 | 9:18     | 0.2 | 6:33                                                                                | 7:58 |  |
| 31   | Wed | 3:16  | 8.1 | 3:40  | 8.4 | 9:29  | 0.0  | 10:00    | 0.2 | 6:34                                                                                | 7:56 |  |