

## Astoria, OR - Aug 1978

| Date |     | High  |     |       |     | Low   |      |       |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue |       |     | 1:11  | 7.0 | 6:53  | -0.5 | 6:36  | 2.4 | 5:56                                                                                | 8:45 |    |
| 2    | Wed | 12:32 | 8.2 | 1:51  | 7.2 | 7:32  | -0.6 | 7:21  | 2.2 | 5:58                                                                                | 8:44 |    |
| 3    | Thu | 1:12  | 8.2 | 2:27  | 7.4 | 8:08  | -0.7 | 8:03  | 2.0 | 5:59                                                                                | 8:43 |    |
| 4    | Fri | 1:50  | 8.2 | 3:01  | 7.4 | 8:42  | -0.7 | 8:43  | 1.8 | 6:00                                                                                | 8:41 |    |
| 5    | Sat | 2:27  | 8.1 | 3:32  | 7.5 | 9:13  | -0.6 | 9:20  | 1.6 | 6:01                                                                                | 8:40 |    |
| 6    | Sun | 3:04  | 7.9 | 4:01  | 7.6 | 9:42  | -0.5 | 9:57  | 1.4 | 6:02                                                                                | 8:38 |    |
| 7    | Mon | 3:41  | 7.7 | 4:30  | 7.7 | 10:11 | -0.3 | 10:34 | 1.3 | 6:04                                                                                | 8:37 |    |
| 8    | Tue | 4:21  | 7.4 | 4:59  | 7.8 | 10:41 | 0.1  | 11:13 | 1.1 | 6:05                                                                                | 8:35 |    |
| 9    | Wed | 5:06  | 7.0 | 5:33  | 8.0 | 11:14 | 0.5  | 11:59 | 1.0 | 6:06                                                                                | 8:34 |    |
| 10   | Thu | 6:00  | 6.5 | 6:14  | 8.0 | 11:54 | 1.1  |       |     | 6:07                                                                                | 8:32 |    |
| 11   | Fri | 7:07  | 6.0 | 7:05  | 8.1 | 12:57 | 1.0  | 12:44 | 1.7 | 6:09                                                                                | 8:31 |    |
| 12   | Sat | 8:27  | 5.8 | 8:05  | 8.1 | 2:09  | 0.8  | 1:49  | 2.2 | 6:10                                                                                | 8:29 |   |
| 13   | Sun | 9:49  | 5.9 | 9:13  | 8.3 | 3:26  | 0.5  | 3:06  | 2.5 | 6:11                                                                                | 8:28 |  |
| 14   | Mon | 11:01 | 6.3 | 10:22 | 8.6 | 4:36  | -0.1 | 4:21  | 2.4 | 6:12                                                                                | 8:26 |  |
| 15   | Tue |       |     | 12:01 | 6.8 | 5:38  | -0.7 | 5:28  | 2.1 | 6:14                                                                                | 8:24 |  |
| 16   | Wed |       |     | 12:53 | 7.4 | 6:32  | -1.2 | 6:28  | 1.6 | 6:15                                                                                | 8:23 |  |
| 17   | Thu | 12:24 | 9.2 | 1:40  | 7.8 | 7:22  | -1.5 | 7:25  | 1.1 | 6:16                                                                                | 8:21 |  |
| 18   | Fri | 1:19  | 9.3 | 2:24  | 8.2 | 8:09  | -1.7 | 8:18  | 0.6 | 6:17                                                                                | 8:19 |  |
| 19   | Sat | 2:11  | 9.2 | 3:07  | 8.5 | 8:52  | -1.6 | 9:09  | 0.2 | 6:19                                                                                | 8:18 |  |
| 20   | Sun | 3:02  | 8.9 | 3:48  | 8.6 | 9:34  | -1.2 | 9:58  | 0.0 | 6:20                                                                                | 8:16 |  |
| 21   | Mon | 3:53  | 8.5 | 4:29  | 8.6 | 10:15 | -0.7 | 10:47 | 0.0 | 6:21                                                                                | 8:14 |  |
| 22   | Tue | 4:44  | 7.9 | 5:09  | 8.4 | 10:54 | -0.1 | 11:37 | 0.2 | 6:22                                                                                | 8:12 |  |
| 23   | Wed | 5:38  | 7.2 | 5:51  | 8.2 | 11:35 | 0.7  |       |     | 6:24                                                                                | 8:11 |  |
| 24   | Thu | 6:37  | 6.6 | 6:37  | 7.8 | 12:30 | 0.4  | 12:20 | 1.5 | 6:25                                                                                | 8:09 |  |
| 25   | Fri | 7:42  | 6.1 | 7:28  | 7.5 | 1:30  | 0.7  | 1:13  | 2.2 | 6:26                                                                                | 8:07 |  |
| 26   | Sat | 8:54  | 5.9 | 8:28  | 7.3 | 2:37  | 0.8  | 2:17  | 2.6 | 6:27                                                                                | 8:05 |  |
| 27   | Sun | 10:04 | 6.0 | 9:31  | 7.2 | 3:45  | 0.7  | 3:26  | 2.8 | 6:29                                                                                | 8:03 |  |
| 28   | Mon | 11:06 | 6.3 | 10:32 | 7.3 | 4:46  | 0.5  | 4:30  | 2.7 | 6:30                                                                                | 8:02 |  |
| 29   | Tue | 11:56 | 6.7 | 11:25 | 7.5 | 5:37  | 0.2  | 5:27  | 2.4 | 6:31                                                                                | 8:00 |  |
| 30   | Wed |       |     | 12:39 | 7.0 | 6:21  | -0.1 | 6:16  | 2.0 | 6:32                                                                                | 7:58 |  |
| 31   | Thu | 12:12 | 7.7 | 1:17  | 7.3 | 7:00  | -0.3 | 7:00  | 1.6 | 6:34                                                                                | 7:56 |  |