

## Astoria, OR - Nov 2001

| Date |     | High  |     |          |      | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Thu | 1:16  | 7.6 | 12:54    | 8.9  | 6:58  | 1.7 | 7:43  | -0.4 | 6:56                                                                                | 5:00 |    |
| 2    | Fri | 1:58  | 7.6 | 1:21     | 9.1  | 7:33  | 2.1 | 8:19  | -0.6 | 6:58                                                                                | 4:59 |    |
| 3    | Sat | 2:41  | 7.6 | 1:51     | 9.2  | 8:08  | 2.5 | 8:56  | -0.6 | 6:59                                                                                | 4:57 |    |
| 4    | Sun | 3:27  | 7.4 | 2:26     | 9.2  | 8:45  | 2.8 | 9:36  | -0.6 | 7:00                                                                                | 4:56 |    |
| 5    | Mon | 4:16  | 7.2 | 3:07     | 9.1  | 9:27  | 3.2 | 10:22 | -0.3 | 7:02                                                                                | 4:54 |    |
| 6    | Tue | 5:12  | 7.0 | 3:57     | 8.7  | 10:17 | 3.5 | 11:17 | 0.0  | 7:03                                                                                | 4:53 |    |
| 7    | Wed | 6:14  | 6.9 | 4:59     | 8.2  | 11:22 | 3.7 |       |      | 7:05                                                                                | 4:52 |    |
| 8    | Thu | 7:18  | 7.1 | 6:18     | 7.7  | 12:24 | 0.3 | 12:44 | 3.6  | 7:06                                                                                | 4:50 |    |
| 9    | Fri | 8:20  | 7.4 | 7:47     | 7.4  | 1:35  | 0.5 | 2:08  | 3.0  | 7:08                                                                                | 4:49 |    |
| 10   | Sat | 9:16  | 8.0 | 9:08     | 7.5  | 2:42  | 0.5 | 3:20  | 2.1  | 7:09                                                                                | 4:48 |    |
| 11   | Sun | 10:04 | 8.6 | 10:18    | 7.8  | 3:40  | 0.6 | 4:22  | 1.1  | 7:11                                                                                | 4:47 |    |
| 12   | Mon | 10:48 | 9.2 | 11:19    | 8.0  | 4:31  | 0.7 | 5:16  | 0.2  | 7:12                                                                                | 4:46 |   |
| 13   | Tue | 11:28 | 9.6 |          |      | 5:19  | 0.9 | 6:06  | -0.6 | 7:13                                                                                | 4:44 |  |
| 14   | Wed | 12:14 | 8.2 | 12:07    | 9.9  | 6:04  | 1.3 | 6:54  | -1.1 | 7:15                                                                                | 4:43 |  |
| 15   | Thu | 1:06  | 8.3 | 12:45    | 10.0 | 6:48  | 1.7 | 7:39  | -1.3 | 7:16                                                                                | 4:42 |  |
| 16   | Fri | 1:57  | 8.2 | 1:22     | 9.8  | 7:31  | 2.2 | 8:23  | -1.2 | 7:18                                                                                | 4:41 |  |
| 17   | Sat | 2:46  | 8.1 | 1:59     | 9.6  | 8:14  | 2.7 | 9:05  | -0.9 | 7:19                                                                                | 4:40 |  |
| 18   | Sun | 3:35  | 7.9 | 2:37     | 9.1  | 8:57  | 3.1 | 9:46  | -0.5 | 7:20                                                                                | 4:39 |  |
| 19   | Mon | 4:25  | 7.7 | 3:16     | 8.6  | 9:42  | 3.5 | 10:28 | 0.0  | 7:22                                                                                | 4:38 |  |
| 20   | Tue | 5:15  | 7.4 | 4:00     | 8.1  | 10:30 | 3.7 | 11:13 | 0.6  | 7:23                                                                                | 4:37 |  |
| 21   | Wed | 6:08  | 7.3 | 4:52     | 7.4  | 11:27 | 3.9 |       |      | 7:24                                                                                | 4:37 |  |
| 22   | Thu | 7:03  | 7.2 | 5:58     | 6.9  | 12:04 | 1.1 | 12:34 | 3.9  | 7:26                                                                                | 4:36 |  |
| 23   | Fri | 7:56  | 7.3 | 7:16     | 6.5  | 1:00  | 1.4 | 1:47  | 3.6  | 7:27                                                                                | 4:35 |  |
| 24   | Sat | 8:45  | 7.6 | 8:33     | 6.4  | 1:58  | 1.7 | 2:53  | 3.0  | 7:28                                                                                | 4:34 |  |
| 25   | Sun | 9:29  | 7.9 | 9:40     | 6.6  | 2:51  | 1.8 | 3:50  | 2.2  | 7:30                                                                                | 4:34 |  |
| 26   | Mon | 10:07 | 8.3 | 10:39    | 6.9  | 3:39  | 2.0 | 4:39  | 1.4  | 7:31                                                                                | 4:33 |  |
| 27   | Tue | 10:41 | 8.7 | 11:30    | 7.2  | 4:24  | 2.1 | 5:23  | 0.7  | 7:32                                                                                | 4:32 |  |
| 28   | Wed | 11:13 | 9.0 |          |      | 5:05  | 2.3 | 6:05  | 0.2  | 7:34                                                                                | 4:32 |  |
| 29   | Thu | 12:18 | 7.5 | 11:45 AM | 9.3  | 5:46  | 2.6 | 6:45  | -0.3 | 7:35                                                                                | 4:31 |  |
| 30   | Fri | 1:04  | 7.7 | 12:17    | 9.6  | 6:27  | 2.9 | 7:24  | -0.6 | 7:36                                                                                | 4:31 |  |