

## Astoria, OR - Nov 1993

| Date |     | High  |      |          |      | Low   |     |       |      |  |      |    |
|------|-----|-------|------|----------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM       | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 2:28  | 7.4  | 1:31     | 8.9  | 7:51  | 2.8 | 8:38  | -0.5 | 6:56                                                                                | 5:00 |    |
| 2    | Tue | 3:09  | 7.3  | 2:02     | 8.9  | 8:26  | 3.0 | 9:12  | -0.4 | 6:58                                                                                | 4:59 |    |
| 3    | Wed | 3:50  | 7.2  | 2:39     | 8.8  | 9:04  | 3.1 | 9:50  | -0.2 | 6:59                                                                                | 4:57 |    |
| 4    | Thu | 4:35  | 7.0  | 3:22     | 8.5  | 9:47  | 3.3 | 10:32 | 0.0  | 7:00                                                                                | 4:56 |    |
| 5    | Fri | 5:24  | 7.0  | 4:14     | 8.1  | 10:39 | 3.4 | 11:23 | 0.3  | 7:02                                                                                | 4:55 |    |
| 6    | Sat | 6:18  | 7.0  | 5:19     | 7.6  | 11:45 | 3.3 |       |      | 7:03                                                                                | 4:53 |    |
| 7    | Sun | 7:14  | 7.2  | 6:40     | 7.2  | 12:23 | 0.7 | 1:03  | 3.0  | 7:05                                                                                | 4:52 |    |
| 8    | Mon | 8:09  | 7.7  | 8:06     | 7.0  | 1:28  | 0.9 | 2:20  | 2.3  | 7:06                                                                                | 4:51 |    |
| 9    | Tue | 9:01  | 8.3  | 9:25     | 7.2  | 2:32  | 1.1 | 3:28  | 1.3  | 7:08                                                                                | 4:49 |    |
| 10   | Wed | 9:49  | 8.9  | 10:33    | 7.5  | 3:30  | 1.3 | 4:27  | 0.3  | 7:09                                                                                | 4:48 |    |
| 11   | Thu | 10:34 | 9.5  | 11:33    | 7.8  | 4:23  | 1.5 | 5:21  | -0.6 | 7:10                                                                                | 4:47 |    |
| 12   | Fri | 11:18 | 10.0 |          |      | 5:14  | 1.7 | 6:13  | -1.2 | 7:12                                                                                | 4:46 |    |
| 13   | Sat | 12:29 | 8.1  | 12:02    | 10.3 | 6:04  | 1.9 | 7:02  | -1.6 | 7:13                                                                                | 4:45 |   |
| 14   | Sun | 1:22  | 8.2  | 12:46    | 10.3 | 6:53  | 2.2 | 7:51  | -1.7 | 7:15                                                                                | 4:43 |  |
| 15   | Mon | 2:13  | 8.3  | 1:31     | 10.1 | 7:42  | 2.4 | 8:38  | -1.5 | 7:16                                                                                | 4:42 |  |
| 16   | Tue | 3:04  | 8.2  | 2:16     | 9.7  | 8:32  | 2.6 | 9:24  | -1.1 | 7:18                                                                                | 4:41 |  |
| 17   | Wed | 3:55  | 8.1  | 3:03     | 9.2  | 9:22  | 2.8 | 10:10 | -0.6 | 7:19                                                                                | 4:40 |  |
| 18   | Thu | 4:45  | 7.9  | 3:54     | 8.5  | 10:15 | 3.0 | 10:56 | 0.0  | 7:20                                                                                | 4:39 |  |
| 19   | Fri | 5:37  | 7.8  | 4:49     | 7.7  | 11:12 | 3.1 | 11:44 | 0.7  | 7:22                                                                                | 4:38 |  |
| 20   | Sat | 6:29  | 7.7  | 5:54     | 7.0  |       |     | 12:17 | 3.1  | 7:23                                                                                | 4:38 |  |
| 21   | Sun | 7:21  | 7.7  | 7:07     | 6.5  | 12:36 | 1.3 | 1:26  | 2.9  | 7:24                                                                                | 4:37 |  |
| 22   | Mon | 8:11  | 7.9  | 8:22     | 6.3  | 1:31  | 1.8 | 2:34  | 2.4  | 7:26                                                                                | 4:36 |  |
| 23   | Tue | 8:58  | 8.1  | 9:32     | 6.4  | 2:26  | 2.2 | 3:34  | 1.7  | 7:27                                                                                | 4:35 |  |
| 24   | Wed | 9:40  | 8.4  | 10:32    | 6.7  | 3:17  | 2.5 | 4:26  | 1.1  | 7:28                                                                                | 4:34 |  |
| 25   | Thu | 10:19 | 8.7  | 11:24    | 7.1  | 4:04  | 2.7 | 5:11  | 0.5  | 7:30                                                                                | 4:34 |  |
| 26   | Fri | 10:54 | 8.9  |          |      | 4:49  | 2.9 | 5:53  | 0.1  | 7:31                                                                                | 4:33 |  |
| 27   | Sat | 12:11 | 7.3  | 11:28 AM | 9.1  | 5:31  | 3.1 | 6:33  | -0.2 | 7:32                                                                                | 4:32 |  |
| 28   | Sun | 12:55 | 7.6  | 12:01    | 9.2  | 6:12  | 3.2 | 7:11  | -0.4 | 7:34                                                                                | 4:32 |  |
| 29   | Mon | 1:37  | 7.7  | 12:34    | 9.3  | 6:53  | 3.4 | 7:47  | -0.5 | 7:35                                                                                | 4:31 |  |
| 30   | Tue | 2:17  | 7.8  | 1:09     | 9.4  | 7:33  | 3.4 | 8:23  | -0.6 | 7:36                                                                                | 4:31 |  |