

## Astoria, OR - Mar 1999

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 12:54 | 8.5 | 12:34 | 9.1 | 6:41  | 1.9  | 7:19  | -0.5 | 6:54                                                                                | 6:00 |    |
| 2    | Tue | 1:33  | 8.7 | 1:19  | 9.0 | 7:27  | 1.6  | 7:55  | -0.3 | 6:52                                                                                | 6:02 |    |
| 3    | Wed | 2:08  | 8.7 | 2:01  | 8.7 | 8:09  | 1.3  | 8:28  | 0.1  | 6:50                                                                                | 6:03 |    |
| 4    | Thu | 2:41  | 8.7 | 2:42  | 8.3 | 8:48  | 1.2  | 8:59  | 0.5  | 6:48                                                                                | 6:05 |    |
| 5    | Fri | 3:11  | 8.6 | 3:23  | 7.9 | 9:26  | 1.1  | 9:28  | 1.0  | 6:46                                                                                | 6:06 |    |
| 6    | Sat | 3:39  | 8.5 | 4:06  | 7.4 | 10:03 | 1.2  | 9:58  | 1.6  | 6:44                                                                                | 6:07 |    |
| 7    | Sun | 4:08  | 8.4 | 4:53  | 6.9 | 10:42 | 1.3  | 10:30 | 2.2  | 6:42                                                                                | 6:09 |    |
| 8    | Mon | 4:39  | 8.3 | 5:49  | 6.4 | 11:26 | 1.5  | 11:09 | 2.8  | 6:41                                                                                | 6:10 |    |
| 9    | Tue | 5:16  | 8.1 | 6:56  | 6.1 |       |      | 12:22 | 1.7  | 6:39                                                                                | 6:12 |    |
| 10   | Wed | 6:05  | 7.8 | 8:13  | 6.1 | 12:02 | 3.4  | 1:31  | 1.7  | 6:37                                                                                | 6:13 |    |
| 11   | Thu | 7:08  | 7.7 | 9:25  | 6.3 | 1:14  | 3.8  | 2:44  | 1.5  | 6:35                                                                                | 6:14 |    |
| 12   | Fri | 8:19  | 7.7 | 10:24 | 6.7 | 2:32  | 3.8  | 3:47  | 1.1  | 6:33                                                                                | 6:16 |   |
| 13   | Sat | 9:28  | 7.9 | 11:11 | 7.2 | 3:41  | 3.5  | 4:40  | 0.6  | 6:31                                                                                | 6:17 |  |
| 14   | Sun | 10:28 | 8.3 | 11:52 | 7.7 | 4:40  | 3.0  | 5:26  | 0.1  | 6:29                                                                                | 6:18 |  |
| 15   | Mon | 11:21 | 8.7 |       |     | 5:32  | 2.4  | 6:09  | -0.2 | 6:27                                                                                | 6:20 |  |
| 16   | Tue | 12:29 | 8.1 | 12:11 | 8.9 | 6:20  | 1.7  | 6:49  | -0.4 | 6:25                                                                                | 6:21 |  |
| 17   | Wed | 1:04  | 8.5 | 12:59 | 9.1 | 7:06  | 1.1  | 7:28  | -0.3 | 6:23                                                                                | 6:23 |  |
| 18   | Thu | 1:39  | 8.9 | 1:47  | 9.1 | 7:51  | 0.5  | 8:06  | -0.1 | 6:21                                                                                | 6:24 |  |
| 19   | Fri | 2:14  | 9.2 | 2:36  | 8.8 | 8:36  | 0.1  | 8:45  | 0.2  | 6:19                                                                                | 6:25 |  |
| 20   | Sat | 2:50  | 9.4 | 3:27  | 8.4 | 9:22  | -0.2 | 9:25  | 0.8  | 6:18                                                                                | 6:27 |  |
| 21   | Sun | 3:29  | 9.5 | 4:23  | 7.9 | 10:11 | -0.2 | 10:08 | 1.4  | 6:16                                                                                | 6:28 |  |
| 22   | Mon | 4:12  | 9.4 | 5:24  | 7.4 | 11:05 | 0.0  | 10:57 | 2.1  | 6:14                                                                                | 6:29 |  |
| 23   | Tue | 5:01  | 9.0 | 6:34  | 7.0 |       |      | 12:08 | 0.3  | 6:12                                                                                | 6:31 |  |
| 24   | Wed | 6:01  | 8.6 | 7:49  | 6.8 |       |      | 1:21  | 0.5  | 6:10                                                                                | 6:32 |  |
| 25   | Thu | 7:12  | 8.2 | 9:03  | 7.0 | 1:13  | 3.2  | 2:36  | 0.5  | 6:08                                                                                | 6:33 |  |
| 26   | Fri | 8:29  | 8.0 | 10:07 | 7.5 | 2:34  | 3.2  | 3:43  | 0.3  | 6:06                                                                                | 6:35 |  |
| 27   | Sat | 9:41  | 8.1 | 10:59 | 7.9 | 3:46  | 2.8  | 4:39  | 0.1  | 6:04                                                                                | 6:36 |  |
| 28   | Sun | 10:43 | 8.2 | 11:43 | 8.3 | 4:47  | 2.2  | 5:27  | 0.0  | 6:02                                                                                | 6:37 |  |
| 29   | Mon | 11:36 | 8.4 |       |     | 5:39  | 1.6  | 6:09  | 0.0  | 6:00                                                                                | 6:39 |  |
| 30   | Tue | 12:22 | 8.5 | 12:23 | 8.4 | 6:26  | 1.1  | 6:47  | 0.2  | 5:58                                                                                | 6:40 |  |
| 31   | Wed | 12:57 | 8.7 | 1:06  | 8.3 | 7:08  | 0.7  | 7:22  | 0.5  | 5:56                                                                                | 6:41 |  |