

## Astoria, OR - Oct 1991

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue | 8:38  | 6.1 | 7:35  | 7.7 | 1:53  | 0.2  | 1:45  | 3.3  | 7:13                                                                                | 6:56 |    |
| 2    | Wed | 9:47  | 6.5 | 9:03  | 7.5 | 3:11  | 0.2  | 3:14  | 2.9  | 7:14                                                                                | 6:54 |    |
| 3    | Thu | 10:45 | 7.1 | 10:23 | 7.7 | 4:18  | 0.0  | 4:29  | 2.2  | 7:15                                                                                | 6:52 |    |
| 4    | Fri | 11:34 | 7.7 | 11:30 | 7.9 | 5:13  | -0.2 | 5:32  | 1.2  | 7:17                                                                                | 6:50 |    |
| 5    | Sat |       |     | 12:16 | 8.3 | 6:01  | -0.2 | 6:26  | 0.3  | 7:18                                                                                | 6:48 |    |
| 6    | Sun | 12:27 | 8.0 | 12:54 | 8.8 | 6:44  | -0.1 | 7:15  | -0.4 | 7:19                                                                                | 6:46 |    |
| 7    | Mon | 1:19  | 8.1 | 1:30  | 9.0 | 7:25  | 0.3  | 8:01  | -0.9 | 7:21                                                                                | 6:44 |    |
| 8    | Tue | 2:08  | 8.0 | 2:04  | 9.1 | 8:04  | 0.7  | 8:45  | -1.1 | 7:22                                                                                | 6:42 |    |
| 9    | Wed | 2:56  | 7.8 | 2:37  | 9.1 | 8:41  | 1.3  | 9:26  | -1.0 | 7:23                                                                                | 6:40 |    |
| 10   | Thu | 3:42  | 7.5 | 3:09  | 8.9 | 9:18  | 1.8  | 10:06 | -0.8 | 7:25                                                                                | 6:38 |    |
| 11   | Fri | 4:29  | 7.2 | 3:41  | 8.6 | 9:55  | 2.4  | 10:45 | -0.4 | 7:26                                                                                | 6:37 |    |
| 12   | Sat | 5:17  | 6.9 | 4:15  | 8.3 | 10:33 | 2.8  | 11:27 | 0.1  | 7:27                                                                                | 6:35 |    |
| 13   | Sun | 6:09  | 6.5 | 4:54  | 7.8 | 11:15 | 3.3  |       |      | 7:29                                                                                | 6:33 |   |
| 14   | Mon | 7:07  | 6.3 | 5:42  | 7.3 | 12:13 | 0.6  | 12:07 | 3.6  | 7:30                                                                                | 6:31 |  |
| 15   | Tue | 8:09  | 6.2 | 6:47  | 6.8 | 1:10  | 1.0  | 1:16  | 3.7  | 7:31                                                                                | 6:29 |  |
| 16   | Wed | 9:10  | 6.3 | 8:06  | 6.5 | 2:15  | 1.2  | 2:34  | 3.5  | 7:33                                                                                | 6:27 |  |
| 17   | Thu | 10:04 | 6.6 | 9:26  | 6.4 | 3:19  | 1.2  | 3:46  | 3.0  | 7:34                                                                                | 6:26 |  |
| 18   | Fri | 10:48 | 7.0 | 10:34 | 6.6 | 4:13  | 1.2  | 4:45  | 2.3  | 7:36                                                                                | 6:24 |  |
| 19   | Sat | 11:26 | 7.5 | 11:31 | 6.9 | 4:59  | 1.1  | 5:35  | 1.5  | 7:37                                                                                | 6:22 |  |
| 20   | Sun | 11:58 | 8.0 |       |     | 5:40  | 1.1  | 6:20  | 0.7  | 7:38                                                                                | 6:20 |  |
| 21   | Mon | 12:22 | 7.2 | 12:29 | 8.4 | 6:19  | 1.2  | 7:02  | 0.0  | 7:40                                                                                | 6:19 |  |
| 22   | Tue | 1:09  | 7.5 | 12:59 | 8.8 | 6:56  | 1.4  | 7:43  | -0.5 | 7:41                                                                                | 6:17 |  |
| 23   | Wed | 1:56  | 7.6 | 1:29  | 9.2 | 7:34  | 1.8  | 8:24  | -0.9 | 7:43                                                                                | 6:15 |  |
| 24   | Thu | 2:42  | 7.6 | 2:03  | 9.5 | 8:13  | 2.1  | 9:06  | -1.2 | 7:44                                                                                | 6:14 |  |
| 25   | Fri | 3:29  | 7.6 | 2:39  | 9.6 | 8:53  | 2.4  | 9:49  | -1.2 | 7:45                                                                                | 6:12 |  |
| 26   | Sat | 4:19  | 7.4 | 3:21  | 9.6 | 9:36  | 2.7  | 10:36 | -1.0 | 7:47                                                                                | 6:10 |  |
| 27   | Sun | 4:12  | 7.2 | 3:07  | 9.3 | 9:23  | 3.0  | 10:27 | -0.7 | 6:48                                                                                | 5:09 |  |
| 28   | Mon | 5:09  | 7.0 | 4:02  | 8.8 | 10:19 | 3.2  | 11:25 | -0.3 | 6:50                                                                                | 5:07 |  |
| 29   | Tue | 6:11  | 7.0 | 5:10  | 8.1 | 11:28 | 3.3  |       |      | 6:51                                                                                | 5:06 |  |
| 30   | Wed | 7:15  | 7.1 | 6:30  | 7.5 | 12:31 | 0.1  | 12:49 | 3.1  | 6:53                                                                                | 5:04 |  |
| 31   | Thu | 8:15  | 7.5 | 7:56  | 7.2 | 1:38  | 0.4  | 2:10  | 2.5  | 6:54                                                                                | 5:02 |  |