

## Astoria, OR - Jan 2004

| Date |     | High  |      |          |      | Low   |     |       |      |  |      |    |
|------|-----|-------|------|----------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM       | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Thu | 8:30  | 8.6  | 9:35     | 6.4  | 1:58  | 2.8 | 3:31  | 1.5  | 7:57                                                                                | 4:39 |    |
| 2    | Fri | 9:14  | 8.8  | 10:40    | 6.7  | 2:53  | 3.3 | 4:25  | 1.0  | 7:57                                                                                | 4:40 |    |
| 3    | Sat | 9:56  | 8.9  | 11:35    | 7.0  | 3:46  | 3.7 | 5:13  | 0.5  | 7:57                                                                                | 4:41 |    |
| 4    | Sun | 10:37 | 9.1  |          |      | 4:37  | 3.9 | 5:56  | 0.1  | 7:57                                                                                | 4:42 |    |
| 5    | Mon | 12:24 | 7.4  | 11:16 AM | 9.2  | 5:25  | 4.1 | 6:37  | -0.1 | 7:57                                                                                | 4:43 |    |
| 6    | Tue | 1:07  | 7.6  | 11:54 AM | 9.3  | 6:11  | 4.1 | 7:15  | -0.3 | 7:57                                                                                | 4:44 |    |
| 7    | Wed | 1:47  | 7.8  | 12:31    | 9.3  | 6:54  | 4.0 | 7:51  | -0.4 | 7:57                                                                                | 4:45 |    |
| 8    | Thu | 2:25  | 7.9  | 1:08     | 9.4  | 7:36  | 3.9 | 8:25  | -0.4 | 7:56                                                                                | 4:46 |    |
| 9    | Fri | 3:00  | 7.9  | 1:46     | 9.3  | 8:15  | 3.7 | 8:57  | -0.4 | 7:56                                                                                | 4:47 |    |
| 10   | Sat | 3:33  | 8.0  | 2:26     | 9.1  | 8:55  | 3.5 | 9:29  | -0.3 | 7:56                                                                                | 4:48 |    |
| 11   | Sun | 4:05  | 8.0  | 3:09     | 8.8  | 9:36  | 3.2 | 10:01 | 0.0  | 7:55                                                                                | 4:50 |    |
| 12   | Mon | 4:38  | 8.2  | 3:57     | 8.2  | 10:21 | 2.9 | 10:35 | 0.4  | 7:55                                                                                | 4:51 |   |
| 13   | Tue | 5:12  | 8.4  | 4:55     | 7.6  | 11:13 | 2.6 | 11:14 | 1.1  | 7:54                                                                                | 4:52 |  |
| 14   | Wed | 5:51  | 8.6  | 6:05     | 6.9  |       |     | 12:17 | 2.3  | 7:54                                                                                | 4:53 |  |
| 15   | Thu | 6:36  | 8.9  | 7:31     | 6.4  | 12:01 | 1.9 | 1:30  | 1.8  | 7:53                                                                                | 4:55 |  |
| 16   | Fri | 7:28  | 9.2  | 9:02     | 6.4  | 12:58 | 2.7 | 2:46  | 1.2  | 7:53                                                                                | 4:56 |  |
| 17   | Sat | 8:26  | 9.5  | 10:22    | 6.7  | 2:07  | 3.4 | 3:56  | 0.5  | 7:52                                                                                | 4:57 |  |
| 18   | Sun | 9:26  | 9.8  | 11:30    | 7.2  | 3:20  | 3.8 | 4:59  | -0.2 | 7:51                                                                                | 4:59 |  |
| 19   | Mon | 10:27 | 10.0 |          |      | 4:29  | 3.9 | 5:56  | -0.8 | 7:51                                                                                | 5:00 |  |
| 20   | Tue | 12:26 | 7.7  | 11:24 AM | 10.2 | 5:33  | 3.7 | 6:48  | -1.2 | 7:50                                                                                | 5:01 |  |
| 21   | Wed | 1:16  | 8.1  | 12:19    | 10.3 | 6:31  | 3.5 | 7:35  | -1.3 | 7:49                                                                                | 5:03 |  |
| 22   | Thu | 2:02  | 8.4  | 1:11     | 10.2 | 7:26  | 3.1 | 8:19  | -1.3 | 7:48                                                                                | 5:04 |  |
| 23   | Fri | 2:46  | 8.6  | 2:01     | 9.8  | 8:17  | 2.8 | 9:00  | -1.0 | 7:47                                                                                | 5:06 |  |
| 24   | Sat | 3:26  | 8.7  | 2:49     | 9.3  | 9:07  | 2.5 | 9:37  | -0.5 | 7:46                                                                                | 5:07 |  |
| 25   | Sun | 4:05  | 8.7  | 3:38     | 8.6  | 9:55  | 2.3 | 10:12 | 0.1  | 7:45                                                                                | 5:08 |  |
| 26   | Mon | 4:42  | 8.7  | 4:29     | 7.8  | 10:43 | 2.2 | 10:46 | 0.9  | 7:44                                                                                | 5:10 |  |
| 27   | Tue | 5:18  | 8.6  | 5:24     | 7.1  | 11:36 | 2.1 | 11:21 | 1.7  | 7:43                                                                                | 5:11 |  |
| 28   | Wed | 5:55  | 8.5  | 6:29     | 6.4  |       |     | 12:34 | 2.1  | 7:42                                                                                | 5:13 |  |
| 29   | Thu | 6:35  | 8.4  | 7:44     | 6.0  | 12:02 | 2.6 | 1:39  | 1.9  | 7:41                                                                                | 5:14 |  |
| 30   | Fri | 7:20  | 8.3  | 9:04     | 6.0  | 12:52 | 3.4 | 2:46  | 1.7  | 7:40                                                                                | 5:16 |  |
| 31   | Sat | 8:12  | 8.3  | 10:17    | 6.4  | 1:55  | 4.0 | 3:49  | 1.3  | 7:39                                                                                | 5:17 |  |