

## Astoria, OR - Jan 1951

| Date |     | High  |      |          |      | Low   |     |       |      |  |      |    |
|------|-----|-------|------|----------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM       | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 6:37  | 8.7  | 7:20     | 6.4  |       |     | 1:25  | 2.1  | 7:57                                                                                | 4:39 |    |
| 2    | Tue | 7:27  | 9.1  | 8:50     | 6.3  | 12:53 | 2.6 | 2:39  | 1.4  | 7:57                                                                                | 4:40 |    |
| 3    | Wed | 8:21  | 9.4  | 10:13    | 6.6  | 1:59  | 3.3 | 3:48  | 0.6  | 7:57                                                                                | 4:41 |    |
| 4    | Thu | 9:19  | 9.8  | 11:22    | 7.1  | 3:09  | 3.7 | 4:51  | -0.2 | 7:57                                                                                | 4:42 |    |
| 5    | Fri | 10:17 | 10.1 |          |      | 4:17  | 3.9 | 5:48  | -0.8 | 7:57                                                                                | 4:43 |    |
| 6    | Sat | 12:20 | 7.6  | 11:14 AM | 10.4 | 5:21  | 3.9 | 6:41  | -1.2 | 7:57                                                                                | 4:44 |    |
| 7    | Sun | 1:12  | 8.0  | 12:09    | 10.5 | 6:21  | 3.7 | 7:31  | -1.4 | 7:57                                                                                | 4:45 |    |
| 8    | Mon | 2:00  | 8.3  | 1:02     | 10.4 | 7:18  | 3.4 | 8:17  | -1.4 | 7:57                                                                                | 4:46 |    |
| 9    | Tue | 2:45  | 8.6  | 1:54     | 10.1 | 8:11  | 3.0 | 8:59  | -1.2 | 7:56                                                                                | 4:47 |    |
| 10   | Wed | 3:28  | 8.7  | 2:45     | 9.6  | 9:03  | 2.7 | 9:39  | -0.8 | 7:56                                                                                | 4:48 |    |
| 11   | Thu | 4:09  | 8.8  | 3:35     | 8.9  | 9:54  | 2.4 | 10:16 | -0.1 | 7:55                                                                                | 4:50 |    |
| 12   | Fri | 4:48  | 8.8  | 4:28     | 8.0  | 10:45 | 2.3 | 10:53 | 0.7  | 7:55                                                                                | 4:51 |   |
| 13   | Sat | 5:27  | 8.8  | 5:26     | 7.2  | 11:41 | 2.2 | 11:30 | 1.5  | 7:55                                                                                | 4:52 |  |
| 14   | Sun | 6:06  | 8.7  | 6:32     | 6.5  |       |     | 12:41 | 2.1  | 7:54                                                                                | 4:53 |  |
| 15   | Mon | 6:48  | 8.6  | 7:47     | 6.1  | 12:11 | 2.4 | 1:47  | 1.9  | 7:53                                                                                | 4:55 |  |
| 16   | Tue | 7:33  | 8.6  | 9:07     | 6.1  | 1:01  | 3.2 | 2:54  | 1.6  | 7:53                                                                                | 4:56 |  |
| 17   | Wed | 8:23  | 8.5  | 10:19    | 6.4  | 2:02  | 3.9 | 3:55  | 1.2  | 7:52                                                                                | 4:57 |  |
| 18   | Thu | 9:14  | 8.6  | 11:19    | 6.8  | 3:07  | 4.3 | 4:49  | 0.8  | 7:52                                                                                | 4:59 |  |
| 19   | Fri | 10:05 | 8.7  |          |      | 4:08  | 4.4 | 5:37  | 0.4  | 7:51                                                                                | 5:00 |  |
| 20   | Sat | 12:07 | 7.2  | 10:53 AM | 8.9  | 5:04  | 4.3 | 6:19  | 0.1  | 7:50                                                                                | 5:01 |  |
| 21   | Sun | 12:50 | 7.6  | 11:37 AM | 9.0  | 5:53  | 4.1 | 6:57  | -0.2 | 7:49                                                                                | 5:03 |  |
| 22   | Mon | 1:27  | 7.8  | 12:18    | 9.2  | 6:39  | 3.8 | 7:32  | -0.4 | 7:48                                                                                | 5:04 |  |
| 23   | Tue | 2:02  | 7.9  | 12:58    | 9.2  | 7:21  | 3.5 | 8:05  | -0.5 | 7:47                                                                                | 5:05 |  |
| 24   | Wed | 2:34  | 8.0  | 1:36     | 9.1  | 8:01  | 3.2 | 8:35  | -0.4 | 7:47                                                                                | 5:07 |  |
| 25   | Thu | 3:03  | 8.2  | 2:16     | 8.9  | 8:39  | 2.8 | 9:04  | -0.3 | 7:46                                                                                | 5:08 |  |
| 26   | Fri | 3:30  | 8.4  | 2:58     | 8.6  | 9:19  | 2.4 | 9:33  | 0.1  | 7:45                                                                                | 5:10 |  |
| 27   | Sat | 3:58  | 8.6  | 3:45     | 8.1  | 10:00 | 2.1 | 10:03 | 0.7  | 7:44                                                                                | 5:11 |  |
| 28   | Sun | 4:28  | 8.9  | 4:39     | 7.4  | 10:47 | 1.8 | 10:37 | 1.4  | 7:43                                                                                | 5:13 |  |
| 29   | Mon | 5:03  | 9.1  | 5:45     | 6.7  | 11:44 | 1.6 | 11:18 | 2.3  | 7:41                                                                                | 5:14 |  |
| 30   | Tue | 5:46  | 9.3  | 7:08     | 6.2  |       |     | 12:54 | 1.4  | 7:40                                                                                | 5:16 |  |
| 31   | Wed | 6:39  | 9.3  | 8:42     | 6.1  | 12:11 | 3.2 | 2:14  | 1.1  | 7:39                                                                                | 5:17 |  |