

## Astoria, OR - Nov 1909

| Date |     | High  |     |          |      | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 3:53  | 7.8 | 3:04     | 9.3  | 9:17  | 2.6 | 10:15 | -0.9 | 6:55                                                                                | 5:01 |    |
| 2    | Tue | 4:50  | 7.5 | 3:50     | 8.7  | 10:06 | 3.1 | 11:08 | -0.3 | 6:57                                                                                | 5:00 |    |
| 3    | Wed | 5:51  | 7.2 | 4:44     | 8.0  | 11:04 | 3.5 |       |      | 6:58                                                                                | 4:58 |    |
| 4    | Thu | 6:55  | 7.1 | 5:50     | 7.3  | 12:08 | 0.3 | 12:14 | 3.8  | 7:00                                                                                | 4:57 |    |
| 5    | Fri | 7:58  | 7.1 | 7:09     | 6.9  | 1:13  | 0.8 | 1:32  | 3.6  | 7:01                                                                                | 4:55 |    |
| 6    | Sat | 8:55  | 7.4 | 8:28     | 6.7  | 2:17  | 1.0 | 2:46  | 3.1  | 7:03                                                                                | 4:54 |    |
| 7    | Sun | 9:44  | 7.7 | 9:37     | 6.8  | 3:14  | 1.1 | 3:48  | 2.4  | 7:04                                                                                | 4:53 |    |
| 8    | Mon | 10:24 | 8.1 | 10:34    | 7.0  | 4:01  | 1.2 | 4:38  | 1.6  | 7:05                                                                                | 4:51 |    |
| 9    | Tue | 10:59 | 8.4 | 11:24    | 7.2  | 4:42  | 1.3 | 5:22  | 1.0  | 7:07                                                                                | 4:50 |    |
| 10   | Wed | 11:30 | 8.6 |          |      | 5:19  | 1.5 | 6:02  | 0.4  | 7:08                                                                                | 4:49 |    |
| 11   | Thu | 12:09 | 7.4 | 11:58 AM | 8.8  | 5:54  | 1.8 | 6:40  | 0.0  | 7:10                                                                                | 4:48 |    |
| 12   | Fri | 12:52 | 7.5 | 12:25    | 8.9  | 6:28  | 2.2 | 7:16  | -0.3 | 7:11                                                                                | 4:46 |   |
| 13   | Sat | 1:34  | 7.5 | 12:51    | 9.0  | 7:02  | 2.6 | 7:50  | -0.4 | 7:13                                                                                | 4:45 |  |
| 14   | Sun | 2:15  | 7.5 | 1:17     | 9.1  | 7:37  | 2.9 | 8:24  | -0.4 | 7:14                                                                                | 4:44 |  |
| 15   | Mon | 2:57  | 7.4 | 1:47     | 9.2  | 8:11  | 3.3 | 8:58  | -0.4 | 7:15                                                                                | 4:43 |  |
| 16   | Tue | 3:40  | 7.3 | 2:21     | 9.1  | 8:48  | 3.5 | 9:35  | -0.3 | 7:17                                                                                | 4:42 |  |
| 17   | Wed | 4:26  | 7.1 | 3:01     | 8.9  | 9:29  | 3.8 | 10:17 | -0.1 | 7:18                                                                                | 4:41 |  |
| 18   | Thu | 5:17  | 7.0 | 3:50     | 8.6  | 10:18 | 3.9 | 11:08 | 0.2  | 7:20                                                                                | 4:40 |  |
| 19   | Fri | 6:13  | 7.0 | 4:51     | 8.1  | 11:22 | 4.0 |       |      | 7:21                                                                                | 4:39 |  |
| 20   | Sat | 7:12  | 7.1 | 6:09     | 7.6  | 12:09 | 0.5 | 12:41 | 3.7  | 7:22                                                                                | 4:38 |  |
| 21   | Sun | 8:08  | 7.5 | 7:36     | 7.3  | 1:16  | 0.7 | 2:02  | 3.1  | 7:24                                                                                | 4:37 |  |
| 22   | Mon | 8:59  | 8.1 | 8:59     | 7.3  | 2:20  | 0.9 | 3:13  | 2.1  | 7:25                                                                                | 4:36 |  |
| 23   | Tue | 9:46  | 8.7 | 10:11    | 7.6  | 3:19  | 1.0 | 4:14  | 1.0  | 7:26                                                                                | 4:36 |  |
| 24   | Wed | 10:29 | 9.4 | 11:14    | 7.9  | 4:11  | 1.2 | 5:09  | 0.0  | 7:28                                                                                | 4:35 |  |
| 25   | Thu | 11:11 | 9.9 |          |      | 5:01  | 1.5 | 6:00  | -0.8 | 7:29                                                                                | 4:34 |  |
| 26   | Fri | 12:12 | 8.1 | 11:52 AM | 10.3 | 5:49  | 1.9 | 6:50  | -1.3 | 7:30                                                                                | 4:34 |  |
| 27   | Sat | 1:06  | 8.3 | 12:33    | 10.4 | 6:37  | 2.3 | 7:38  | -1.6 | 7:32                                                                                | 4:33 |  |
| 28   | Sun | 1:59  | 8.3 | 1:14     | 10.3 | 7:24  | 2.7 | 8:24  | -1.5 | 7:33                                                                                | 4:32 |  |
| 29   | Mon | 2:50  | 8.2 | 1:57     | 10.0 | 8:12  | 3.0 | 9:10  | -1.2 | 7:34                                                                                | 4:32 |  |
| 30   | Tue | 3:42  | 8.1 | 2:40     | 9.5  | 9:00  | 3.3 | 9:56  | -0.7 | 7:35                                                                                | 4:31 |  |