

## Astoria (Youngs Bay), OR - Jan 2090

| Date |     | High  |      |          |      | Low   |     |       |      |  |      |    |
|------|-----|-------|------|----------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM       | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sun | 1:42  | 8.4  | 12:55    | 9.5  | 7:11  | 3.2 | 7:55  | -0.2 | 7:57                                                                                | 4:40 |    |
| 2    | Mon | 2:22  | 8.4  | 1:32     | 9.2  | 7:52  | 3.2 | 8:28  | 0.0  | 7:57                                                                                | 4:41 |    |
| 3    | Tue | 2:58  | 8.4  | 2:08     | 8.9  | 8:32  | 3.1 | 8:59  | 0.2  | 7:57                                                                                | 4:42 |    |
| 4    | Wed | 3:33  | 8.3  | 2:46     | 8.6  | 9:11  | 3.1 | 9:28  | 0.5  | 7:57                                                                                | 4:43 |    |
| 5    | Thu | 4:06  | 8.3  | 3:25     | 8.1  | 9:51  | 3.1 | 9:58  | 0.9  | 7:57                                                                                | 4:44 |    |
| 6    | Fri | 4:39  | 8.3  | 4:09     | 7.6  | 10:34 | 3.1 | 10:30 | 1.4  | 7:56                                                                                | 4:45 |    |
| 7    | Sat | 5:14  | 8.3  | 5:03     | 7.1  | 11:25 | 3.0 | 11:09 | 1.9  | 7:56                                                                                | 4:46 |    |
| 8    | Sun | 5:53  | 8.3  | 6:11     | 6.6  |       |     | 12:26 | 2.9  | 7:56                                                                                | 4:48 |    |
| 9    | Mon | 6:39  | 8.4  | 7:31     | 6.3  |       |     | 1:35  | 2.5  | 7:56                                                                                | 4:49 |    |
| 10   | Tue | 7:30  | 8.6  | 8:51     | 6.4  | 12:58 | 3.0 | 2:42  | 2.0  | 7:55                                                                                | 4:50 |    |
| 11   | Wed | 8:25  | 8.9  | 10:02    | 6.8  | 2:06  | 3.3 | 3:44  | 1.3  | 7:55                                                                                | 4:51 |    |
| 12   | Thu | 9:20  | 9.3  | 11:01    | 7.3  | 3:12  | 3.5 | 4:38  | 0.6  | 7:54                                                                                | 4:52 |   |
| 13   | Fri | 10:14 | 9.7  | 11:53    | 7.8  | 4:14  | 3.5 | 5:29  | -0.1 | 7:54                                                                                | 4:54 |  |
| 14   | Sat | 11:05 | 10.1 |          |      | 5:11  | 3.3 | 6:16  | -0.7 | 7:53                                                                                | 4:55 |  |
| 15   | Sun | 12:40 | 8.3  | 11:56 AM | 10.4 | 6:05  | 3.0 | 7:02  | -1.0 | 7:52                                                                                | 4:56 |  |
| 16   | Mon | 1:25  | 8.7  | 12:46    | 10.5 | 6:57  | 2.6 | 7:46  | -1.2 | 7:52                                                                                | 4:58 |  |
| 17   | Tue | 2:09  | 9.0  | 1:36     | 10.3 | 7:49  | 2.3 | 8:29  | -1.1 | 7:51                                                                                | 4:59 |  |
| 18   | Wed | 2:52  | 9.3  | 2:27     | 10.0 | 8:39  | 2.0 | 9:11  | -0.8 | 7:50                                                                                | 5:00 |  |
| 19   | Thu | 3:35  | 9.4  | 3:20     | 9.4  | 9:31  | 1.8 | 9:53  | -0.3 | 7:50                                                                                | 5:02 |  |
| 20   | Fri | 4:19  | 9.5  | 4:17     | 8.7  | 10:26 | 1.7 | 10:38 | 0.4  | 7:49                                                                                | 5:03 |  |
| 21   | Sat | 5:05  | 9.4  | 5:19     | 7.9  | 11:25 | 1.7 | 11:26 | 1.3  | 7:48                                                                                | 5:05 |  |
| 22   | Sun | 5:55  | 9.3  | 6:30     | 7.2  |       |     | 12:32 | 1.7  | 7:47                                                                                | 5:06 |  |
| 23   | Mon | 6:49  | 9.2  | 7:48     | 6.9  | 12:21 | 2.1 | 1:44  | 1.5  | 7:46                                                                                | 5:07 |  |
| 24   | Tue | 7:47  | 9.1  | 9:05     | 6.9  | 1:24  | 2.8 | 2:55  | 1.2  | 7:45                                                                                | 5:09 |  |
| 25   | Wed | 8:46  | 9.1  | 10:14    | 7.2  | 2:31  | 3.2 | 3:58  | 0.8  | 7:44                                                                                | 5:10 |  |
| 26   | Thu | 9:42  | 9.2  | 11:11    | 7.6  | 3:35  | 3.3 | 4:52  | 0.4  | 7:43                                                                                | 5:12 |  |
| 27   | Fri | 10:33 | 9.2  | 11:59    | 8.0  | 4:33  | 3.3 | 5:39  | 0.1  | 7:42                                                                                | 5:13 |  |
| 28   | Sat | 11:20 | 9.3  |          |      | 5:24  | 3.2 | 6:21  | 0.0  | 7:41                                                                                | 5:15 |  |
| 29   | Sun | 12:41 | 8.2  | 12:02    | 9.3  | 6:11  | 3.0 | 6:58  | -0.1 | 7:40                                                                                | 5:16 |  |
| 30   | Mon | 1:19  | 8.4  | 12:41    | 9.2  | 6:54  | 2.8 | 7:31  | 0.0  | 7:39                                                                                | 5:18 |  |
| 31   | Tue | 1:54  | 8.5  | 1:18     | 9.0  | 7:34  | 2.6 | 8:02  | 0.1  | 7:37                                                                                | 5:19 |  |