

## Astoria (Port Docks), OR - Nov 2009

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sun | 3:21  | 6.5 | 2:00     | 8.5 | 8:29  | 3.4 | 9:24  | -0.3 | 6:57                                                                                | 5:00 |    |
| 2    | Mon | 4:08  | 6.3 | 2:38     | 8.4 | 9:07  | 3.7 | 10:06 | -0.1 | 6:58                                                                                | 4:59 |    |
| 3    | Tue | 5:00  | 6.1 | 3:25     | 8.1 | 9:53  | 3.9 | 10:58 | 0.1  | 7:00                                                                                | 4:57 |    |
| 4    | Wed | 5:58  | 6.0 | 4:23     | 7.6 | 10:53 | 4.0 |       |      | 7:01                                                                                | 4:56 |    |
| 5    | Thu | 6:59  | 6.1 | 5:38     | 7.1 | 12:00 | 0.4 | 12:13 | 3.9  | 7:02                                                                                | 4:54 |    |
| 6    | Fri | 7:57  | 6.5 | 7:08     | 6.7 | 1:09  | 0.6 | 1:39  | 3.4  | 7:04                                                                                | 4:53 |    |
| 7    | Sat | 8:48  | 7.1 | 8:34     | 6.7 | 2:14  | 0.6 | 2:54  | 2.4  | 7:05                                                                                | 4:52 |    |
| 8    | Sun | 9:34  | 7.8 | 9:48     | 6.9 | 3:12  | 0.7 | 3:57  | 1.3  | 7:07                                                                                | 4:51 |    |
| 9    | Mon | 10:15 | 8.5 | 10:53    | 7.2 | 4:03  | 0.9 | 4:53  | 0.2  | 7:08                                                                                | 4:49 |    |
| 10   | Tue | 10:55 | 9.1 | 11:51    | 7.4 | 4:50  | 1.2 | 5:44  | -0.8 | 7:10                                                                                | 4:48 |    |
| 11   | Wed | 11:34 | 9.5 |          |     | 5:36  | 1.6 | 6:34  | -1.4 | 7:11                                                                                | 4:47 |    |
| 12   | Thu | 12:46 | 7.5 | 12:14    | 9.8 | 6:22  | 2.1 | 7:22  | -1.7 | 7:12                                                                                | 4:46 |   |
| 13   | Fri | 1:39  | 7.6 | 12:54    | 9.7 | 7:08  | 2.5 | 8:09  | -1.6 | 7:14                                                                                | 4:45 |  |
| 14   | Sat | 2:31  | 7.5 | 1:36     | 9.5 | 7:55  | 2.9 | 8:55  | -1.3 | 7:15                                                                                | 4:43 |  |
| 15   | Sun | 3:23  | 7.3 | 2:19     | 9.1 | 8:43  | 3.3 | 9:42  | -0.8 | 7:17                                                                                | 4:42 |  |
| 16   | Mon | 4:16  | 7.1 | 3:04     | 8.5 | 9:32  | 3.6 | 10:30 | -0.2 | 7:18                                                                                | 4:41 |  |
| 17   | Tue | 5:11  | 6.9 | 3:55     | 7.7 | 10:27 | 3.8 | 11:20 | 0.4  | 7:19                                                                                | 4:40 |  |
| 18   | Wed | 6:06  | 6.8 | 4:54     | 7.0 | 11:29 | 3.9 |       |      | 7:21                                                                                | 4:39 |  |
| 19   | Thu | 7:01  | 6.8 | 6:05     | 6.4 | 12:13 | 0.9 | 12:40 | 3.7  | 7:22                                                                                | 4:39 |  |
| 20   | Fri | 7:53  | 6.9 | 7:23     | 5.9 | 1:09  | 1.3 | 1:54  | 3.3  | 7:24                                                                                | 4:38 |  |
| 21   | Sat | 8:40  | 7.2 | 8:39     | 5.8 | 2:04  | 1.7 | 3:00  | 2.6  | 7:25                                                                                | 4:37 |  |
| 22   | Sun | 9:21  | 7.5 | 9:45     | 6.0 | 2:54  | 2.0 | 3:55  | 1.8  | 7:26                                                                                | 4:36 |  |
| 23   | Mon | 9:57  | 7.8 | 10:43    | 6.2 | 3:39  | 2.2 | 4:43  | 1.1  | 7:28                                                                                | 4:35 |  |
| 24   | Tue | 10:29 | 8.2 | 11:34    | 6.5 | 4:21  | 2.6 | 5:26  | 0.4  | 7:29                                                                                | 4:35 |  |
| 25   | Wed | 11:00 | 8.4 |          |     | 5:01  | 2.9 | 6:06  | 0.0  | 7:30                                                                                | 4:34 |  |
| 26   | Thu | 12:21 | 6.8 | 11:29 AM | 8.6 | 5:40  | 3.2 | 6:44  | -0.3 | 7:31                                                                                | 4:33 |  |
| 27   | Fri | 1:06  | 6.9 | 12:00    | 8.8 | 6:20  | 3.5 | 7:22  | -0.5 | 7:33                                                                                | 4:33 |  |
| 28   | Sat | 1:49  | 7.0 | 12:32    | 8.9 | 7:00  | 3.8 | 7:59  | -0.6 | 7:34                                                                                | 4:32 |  |
| 29   | Sun | 2:32  | 7.1 | 1:07     | 9.0 | 7:40  | 3.9 | 8:37  | -0.6 | 7:35                                                                                | 4:32 |  |
| 30   | Mon | 3:15  | 7.0 | 1:46     | 9.0 | 8:21  | 4.0 | 9:16  | -0.6 | 7:36                                                                                | 4:31 |  |