



## Astoria (Port Docks), OR - May 2003

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |  |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|---|------|---|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise  | Set  | Moon  |
| 1    | Thu | 1:40  | 8.2 | 2:35  | 6.9 | 8:29  | -0.2 | 8:16  | 2.1  | 6:01  | 8:23 | ●   |
| 2    | Fri | 2:05  | 8.2 | 3:17  | 6.8 | 9:04  | -0.3 | 8:47  | 2.5  | 6:00  | 8:24 | ●   |
| 3    | Sat | 2:29  | 8.2 | 3:58  | 6.7 | 9:37  | -0.3 | 9:19  | 2.9  | 5:58  | 8:25 | ●   |
| 4    | Sun | 2:54  | 8.3 | 4:40  | 6.5 | 10:10 | -0.3 | 9:53  | 3.2  | 5:57  | 8:27 | ●   |
| 5    | Mon | 3:24  | 8.2 | 5:26  | 6.3 | 10:44 | -0.1 | 10:29 | 3.5  | 5:55  | 8:28 | ◐   |
| 6    | Tue | 3:59  | 8.1 | 6:16  | 6.1 | 11:23 | 0.0  | 11:13 | 3.7  | 5:54  | 8:29 | ◑   |
| 7    | Wed | 4:43  | 7.8 | 7:11  | 6.0 |       |      | 12:11 | 0.3  | 5:52  | 8:31 | ◑   |
| 8    | Thu | 5:37  | 7.4 | 8:10  | 6.0 | 12:09 | 3.9  | 1:10  | 0.5  | 5:51  | 8:32 | ◑   |
| 9    | Fri | 6:47  | 7.0 | 9:07  | 6.3 | 1:23  | 3.8  | 2:17  | 0.6  | 5:50  | 8:33 | ◒   |
| 10   | Sat | 8:11  | 6.7 | 9:58  | 6.8 | 2:44  | 3.4  | 3:21  | 0.6  | 5:48  | 8:34 | ◒   |
| 11   | Sun | 9:34  | 6.7 | 10:43 | 7.4 | 3:57  | 2.6  | 4:18  | 0.6  | 5:47  | 8:36 | ◒   |
| 12   | Mon | 10:48 | 6.8 | 11:24 | 8.0 | 5:00  | 1.5  | 5:09  | 0.6  | 5:46  | 8:37 | ◒   |
| 13   | Tue | 11:53 | 7.1 |       |     | 5:56  | 0.5  | 5:57  | 0.9  | 5:44  | 8:38 | ◓   |
| 14   | Wed | 12:04 | 8.7 | 12:52 | 7.3 | 6:48  | -0.5 | 6:44  | 1.2  | 5:43  | 8:39 | ◓   |
| 15   | Thu | 12:43 | 9.2 | 1:49  | 7.4 | 7:39  | -1.2 | 7:31  | 1.6  | 5:42  | 8:41 | ◓   |
| 16   | Fri | 1:24  | 9.5 | 2:44  | 7.4 | 8:29  | -1.7 | 8:19  | 2.1  | 5:41  | 8:42 | ◔   |
| 17   | Sat | 2:06  | 9.6 | 3:39  | 7.3 | 9:18  | -1.8 | 9:08  | 2.5  | 5:40  | 8:43 | ◔   |
| 18   | Sun | 2:50  | 9.4 | 4:34  | 7.2 | 10:08 | -1.7 | 9:58  | 2.8  | 5:39  | 8:44 | ◔   |
| 19   | Mon | 3:36  | 9.1 | 5:30  | 7.0 | 10:58 | -1.3 | 10:51 | 3.1  | 5:38  | 8:45 | ◔   |
| 20   | Tue | 4:27  | 8.5 | 6:28  | 6.9 | 11:50 | -0.8 | 11:50 | 3.3  | 5:36  | 8:46 | ◔   |
| 21   | Wed | 5:23  | 7.8 | 7:26  | 6.8 |       |      | 12:45 | -0.2 | 5:35  | 8:48 | ◔   |
| 22   | Thu | 6:27  | 7.0 | 8:23  | 6.8 | 12:56 | 3.4  | 1:43  | 0.3  | 5:35  | 8:49 | ◔   |
| 23   | Fri | 7:40  | 6.4 | 9:17  | 7.0 | 2:09  | 3.2  | 2:41  | 0.7  | 5:34  | 8:50 | ◕   |
| 24   | Sat | 8:56  | 6.1 | 10:05 | 7.3 | 3:21  | 2.7  | 3:36  | 1.0  | 5:33  | 8:51 | ◕   |
| 25   | Sun | 10:07 | 6.0 | 10:47 | 7.5 | 4:25  | 2.0  | 4:25  | 1.3  | 5:32  | 8:52 | ◕   |
| 26   | Mon | 11:10 | 6.0 | 11:24 | 7.8 | 5:19  | 1.2  | 5:09  | 1.6  | 5:31  | 8:53 | ◕   |
| 27   | Tue |       |     | 12:04 | 6.2 | 6:07  | 0.6  | 5:49  | 1.9  | 5:30  | 8:54 | ◖   |
| 28   | Wed |       |     | 12:54 | 6.4 | 6:49  | 0.0  | 6:28  | 2.3  | 5:29  | 8:55 | ◖   |
| 29   | Thu | 12:28 | 8.1 | 1:40  | 6.5 | 7:29  | -0.3 | 7:06  | 2.7  | 5:29  | 8:56 | ◖   |
| 30   | Fri | 12:57 | 8.2 | 2:24  | 6.6 | 8:07  | -0.5 | 7:44  | 3.0  | 5:28  | 8:57 | ◖   |
| 31   | Sat | 1:26  | 8.3 | 3:07  | 6.6 | 8:43  | -0.7 | 8:22  | 3.2  | 5:27  | 8:58 | ◗   |