










## Astoria (Port Docks), OR - Jul 1998

| Date |     | High  |     |       |     | Low   |      |       |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|-----|---|------|---|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft  | Rise  | Set  | Moon  |
| 1    | Wed | 7:05  | 5.7 | 7:58  | 7.0 | 1:27  | 2.3  | 1:23  | 1.3 | 5:27  | 9:10 |    |
| 2    | Thu | 8:14  | 5.4 | 8:45  | 7.1 | 2:30  | 2.1  | 2:14  | 1.8 | 5:28  | 9:10 |    |
| 3    | Fri | 9:27  | 5.2 | 9:31  | 7.3 | 3:34  | 1.7  | 3:10  | 2.2 | 5:29  | 9:10 |    |
| 4    | Sat | 10:35 | 5.4 | 10:17 | 7.5 | 4:33  | 1.1  | 4:06  | 2.4 | 5:29  | 9:09 |    |
| 5    | Sun | 11:36 | 5.7 | 11:01 | 7.8 | 5:25  | 0.6  | 4:59  | 2.6 | 5:30  | 9:09 |    |
| 6    | Mon |       |     | 12:29 | 6.0 | 6:13  | 0.1  | 5:50  | 2.7 | 5:31  | 9:09 |    |
| 7    | Tue |       |     | 1:16  | 6.4 | 6:57  | -0.4 | 6:38  | 2.7 | 5:31  | 9:08 |    |
| 8    | Wed | 12:24 | 8.2 | 2:00  | 6.6 | 7:39  | -0.8 | 7:25  | 2.7 | 5:32  | 9:08 |    |
| 9    | Thu | 1:04  | 8.4 | 2:41  | 6.8 | 8:19  | -1.0 | 8:10  | 2.5 | 5:33  | 9:07 |    |
| 10   | Fri | 1:46  | 8.5 | 3:21  | 7.0 | 8:58  | -1.2 | 8:55  | 2.4 | 5:34  | 9:07 |    |
| 11   | Sat | 2:28  | 8.5 | 4:00  | 7.2 | 9:36  | -1.3 | 9:40  | 2.1 | 5:35  | 9:06 |    |
| 12   | Sun | 3:13  | 8.4 | 4:38  | 7.3 | 10:14 | -1.3 | 10:26 | 1.9 | 5:36  | 9:06 |   |
| 13   | Mon | 4:01  | 8.1 | 5:18  | 7.4 | 10:53 | -1.0 | 11:16 | 1.7 | 5:37  | 9:05 |  |
| 14   | Tue | 4:54  | 7.6 | 6:01  | 7.6 | 11:34 | -0.6 |       |     | 5:37  | 9:04 |  |
| 15   | Wed | 5:53  | 7.0 | 6:48  | 7.7 | 12:12 | 1.5  | 12:20 | 0.0 | 5:38  | 9:03 |  |
| 16   | Thu | 7:02  | 6.4 | 7:39  | 7.9 | 1:17  | 1.3  | 1:12  | 0.7 | 5:39  | 9:03 |  |
| 17   | Fri | 8:19  | 5.9 | 8:35  | 8.0 | 2:28  | 0.9  | 2:13  | 1.3 | 5:40  | 9:02 |  |
| 18   | Sat | 9:38  | 5.8 | 9:34  | 8.2 | 3:40  | 0.4  | 3:19  | 1.8 | 5:41  | 9:01 |  |
| 19   | Sun | 10:52 | 6.0 | 10:32 | 8.4 | 4:47  | -0.2 | 4:25  | 2.1 | 5:42  | 9:00 |  |
| 20   | Mon | 11:56 | 6.4 | 11:27 | 8.6 | 5:47  | -0.7 | 5:26  | 2.2 | 5:43  | 8:59 |  |
| 21   | Tue |       |     | 12:52 | 6.8 | 6:41  | -1.1 | 6:24  | 2.1 | 5:44  | 8:58 |  |
| 22   | Wed | 12:18 | 8.7 | 1:42  | 7.1 | 7:30  | -1.4 | 7:18  | 2.0 | 5:46  | 8:57 |  |
| 23   | Thu | 1:07  | 8.6 | 2:28  | 7.2 | 8:15  | -1.4 | 8:08  | 1.9 | 5:47  | 8:56 |  |
| 24   | Fri | 1:53  | 8.5 | 3:11  | 7.3 | 8:57  | -1.3 | 8:55  | 1.8 | 5:48  | 8:55 |  |
| 25   | Sat | 2:37  | 8.2 | 3:51  | 7.3 | 9:35  | -1.1 | 9:39  | 1.7 | 5:49  | 8:54 |  |
| 26   | Sun | 3:20  | 7.8 | 4:28  | 7.3 | 10:10 | -0.8 | 10:22 | 1.7 | 5:50  | 8:53 |  |
| 27   | Mon | 4:02  | 7.3 | 5:04  | 7.2 | 10:43 | -0.3 | 11:04 | 1.7 | 5:51  | 8:52 |  |
| 28   | Tue | 4:45  | 6.8 | 5:39  | 7.1 | 11:16 | 0.2  | 11:49 | 1.7 | 5:52  | 8:51 |  |
| 29   | Wed | 5:33  | 6.2 | 6:14  | 7.0 | 11:49 | 0.8  |       |     | 5:53  | 8:49 |  |
| 30   | Thu | 6:27  | 5.6 | 6:53  | 6.9 | 12:38 | 1.7  | 12:27 | 1.4 | 5:55  | 8:48 |  |
| 31   | Fri | 7:32  | 5.2 | 7:38  | 6.9 | 1:36  | 1.7  | 1:15  | 2.0 | 5:56  | 8:47 |  |