

































## Astoria (Port Docks), OR - Nov 1983

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|---|------|---|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise  | Set  | Moon  |
| 1    | Tue | 10:21 | 7.9 | 10:29    | 7.4 | 4:04  | 0.2 | 4:37  | 1.1  | 6:56  | 5:01 |    |
| 2    | Wed | 11:03 | 8.5 | 11:27    | 7.7 | 4:52  | 0.3 | 5:30  | 0.1  | 6:57  | 5:00 |    |
| 3    | Thu | 11:41 | 8.9 |          |     | 5:37  | 0.5 | 6:19  | -0.6 | 6:58  | 4:59 |    |
| 4    | Fri | 12:20 | 7.8 | 12:18    | 9.1 | 6:20  | 0.9 | 7:05  | -1.0 | 7:00  | 4:57 |    |
| 5    | Sat | 1:11  | 7.7 | 12:54    | 9.2 | 7:02  | 1.4 | 7:49  | -1.2 | 7:01  | 4:56 |    |
| 6    | Sun | 2:00  | 7.6 | 1:29     | 9.1 | 7:42  | 1.9 | 8:32  | -1.1 | 7:03  | 4:54 |    |
| 7    | Mon | 2:49  | 7.4 | 2:04     | 8.8 | 8:23  | 2.5 | 9:13  | -0.8 | 7:04  | 4:53 |    |
| 8    | Tue | 3:38  | 7.1 | 2:39     | 8.4 | 9:04  | 3.0 | 9:54  | -0.4 | 7:06  | 4:52 |    |
| 9    | Wed | 4:29  | 6.8 | 3:17     | 7.9 | 9:47  | 3.4 | 10:37 | 0.2  | 7:07  | 4:50 |    |
| 10   | Thu | 5:22  | 6.6 | 4:00     | 7.4 | 10:36 | 3.8 | 11:25 | 0.7  | 7:09  | 4:49 |    |
| 11   | Fri | 6:18  | 6.4 | 4:54     | 6.8 | 11:35 | 4.0 |       |      | 7:10  | 4:48 |    |
| 12   | Sat | 7:17  | 6.4 | 6:04     | 6.3 | 12:20 | 1.1 | 12:47 | 4.0  | 7:11  | 4:47 |   |
| 13   | Sun | 8:12  | 6.6 | 7:25     | 6.0 | 1:21  | 1.4 | 2:01  | 3.6  | 7:13  | 4:46 |  |
| 14   | Mon | 9:01  | 6.9 | 8:41     | 6.0 | 2:20  | 1.5 | 3:06  | 2.9  | 7:14  | 4:45 |  |
| 15   | Tue | 9:43  | 7.3 | 9:46     | 6.2 | 3:12  | 1.5 | 4:01  | 2.2  | 7:16  | 4:43 |  |
| 16   | Wed | 10:19 | 7.7 | 10:41    | 6.5 | 3:58  | 1.6 | 4:48  | 1.4  | 7:17  | 4:42 |  |
| 17   | Thu | 10:51 | 8.1 | 11:31    | 6.8 | 4:39  | 1.7 | 5:31  | 0.7  | 7:18  | 4:41 |  |
| 18   | Fri | 11:21 | 8.4 |          |     | 5:19  | 1.9 | 6:12  | 0.1  | 7:20  | 4:40 |  |
| 19   | Sat | 12:18 | 7.1 | 11:51 AM | 8.8 | 5:58  | 2.2 | 6:52  | -0.4 | 7:21  | 4:39 |  |
| 20   | Sun | 1:04  | 7.2 | 12:23    | 9.0 | 6:37  | 2.5 | 7:31  | -0.8 | 7:23  | 4:38 |  |
| 21   | Mon | 1:49  | 7.3 | 12:56    | 9.2 | 7:16  | 2.8 | 8:11  | -0.9 | 7:24  | 4:38 |  |
| 22   | Tue | 2:36  | 7.3 | 1:33     | 9.3 | 7:58  | 3.1 | 8:53  | -1.0 | 7:25  | 4:37 |  |
| 23   | Wed | 3:24  | 7.2 | 2:15     | 9.2 | 8:42  | 3.3 | 9:38  | -0.8 | 7:27  | 4:36 |  |
| 24   | Thu | 4:15  | 7.1 | 3:03     | 8.9 | 9:31  | 3.5 | 10:27 | -0.5 | 7:28  | 4:35 |  |
| 25   | Fri | 5:10  | 7.0 | 3:59     | 8.4 | 10:28 | 3.6 | 11:22 | -0.1 | 7:29  | 4:35 |  |
| 26   | Sat | 6:08  | 7.1 | 5:07     | 7.7 | 11:37 | 3.6 |       |      | 7:31  | 4:34 |  |
| 27   | Sun | 7:07  | 7.3 | 6:28     | 7.1 | 12:24 | 0.3 | 12:57 | 3.3  | 7:32  | 4:33 |  |
| 28   | Mon | 8:04  | 7.6 | 7:53     | 6.8 | 1:29  | 0.7 | 2:15  | 2.6  | 7:33  | 4:33 |  |
| 29   | Tue | 8:56  | 8.1 | 9:12     | 6.8 | 2:31  | 1.0 | 3:25  | 1.7  | 7:34  | 4:32 |  |
| 30   | Wed | 9:44  | 8.6 | 10:20    | 7.0 | 3:27  | 1.3 | 4:24  | 0.7  | 7:36  | 4:32 |  |