

## Astoria (Port Docks), OR - Sep 1977

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Thu | 4:06  | 7.1 | 4:19  | 7.6 | 10:14 | 0.4  | 10:53 | 0.2  | 6:36                                                                                | 7:54 |    |
| 2    | Fri | 4:52  | 6.6 | 4:52  | 7.4 | 10:48 | 1.0  | 11:36 | 0.5  | 6:37                                                                                | 7:52 |    |
| 3    | Sat | 5:42  | 6.0 | 5:27  | 7.2 | 11:24 | 1.6  |       |      | 6:38                                                                                | 7:50 |    |
| 4    | Sun | 6:38  | 5.6 | 6:08  | 6.9 | 12:23 | 0.8  | 12:06 | 2.2  | 6:39                                                                                | 7:48 |    |
| 5    | Mon | 7:42  | 5.3 | 6:59  | 6.6 | 1:20  | 1.0  | 1:00  | 2.8  | 6:41                                                                                | 7:46 |    |
| 6    | Tue | 8:53  | 5.2 | 8:03  | 6.4 | 2:27  | 1.1  | 2:10  | 3.1  | 6:42                                                                                | 7:44 |    |
| 7    | Wed | 10:01 | 5.4 | 9:14  | 6.4 | 3:35  | 1.0  | 3:24  | 3.0  | 6:43                                                                                | 7:42 |    |
| 8    | Thu | 10:58 | 5.8 | 10:18 | 6.6 | 4:35  | 0.7  | 4:29  | 2.7  | 6:44                                                                                | 7:40 |    |
| 9    | Fri | 11:45 | 6.2 | 11:14 | 6.9 | 5:25  | 0.3  | 5:25  | 2.2  | 6:46                                                                                | 7:39 |    |
| 10   | Sat |       |     | 12:25 | 6.7 | 6:09  | 0.0  | 6:14  | 1.7  | 6:47                                                                                | 7:37 |    |
| 11   | Sun | 12:04 | 7.2 | 1:00  | 7.0 | 6:49  | -0.3 | 6:59  | 1.1  | 6:48                                                                                | 7:35 |    |
| 12   | Mon | 12:49 | 7.5 | 1:33  | 7.4 | 7:26  | -0.4 | 7:42  | 0.6  | 6:50                                                                                | 7:33 |    |
| 13   | Tue | 1:33  | 7.6 | 2:05  | 7.7 | 8:02  | -0.3 | 8:24  | 0.1  | 6:51                                                                                | 7:31 |   |
| 14   | Wed | 2:17  | 7.7 | 2:37  | 8.0 | 8:38  | -0.2 | 9:05  | -0.3 | 6:52                                                                                | 7:29 |  |
| 15   | Thu | 3:02  | 7.5 | 3:11  | 8.2 | 9:14  | 0.1  | 9:48  | -0.5 | 6:53                                                                                | 7:27 |  |
| 16   | Fri | 3:49  | 7.3 | 3:47  | 8.4 | 9:52  | 0.5  | 10:32 | -0.6 | 6:55                                                                                | 7:25 |  |
| 17   | Sat | 4:40  | 6.9 | 4:27  | 8.4 | 10:32 | 1.0  | 11:22 | -0.5 | 6:56                                                                                | 7:23 |  |
| 18   | Sun | 5:37  | 6.5 | 5:14  | 8.2 | 11:18 | 1.6  |       |      | 6:57                                                                                | 7:21 |  |
| 19   | Mon | 6:42  | 6.1 | 6:11  | 7.8 | 12:19 | -0.2 | 12:15 | 2.1  | 6:58                                                                                | 7:19 |  |
| 20   | Tue | 7:56  | 5.9 | 7:20  | 7.4 | 1:28  | 0.1  | 1:26  | 2.5  | 7:00                                                                                | 7:17 |  |
| 21   | Wed | 9:10  | 6.0 | 8:38  | 7.2 | 2:44  | 0.2  | 2:48  | 2.5  | 7:01                                                                                | 7:15 |  |
| 22   | Thu | 10:17 | 6.4 | 9:54  | 7.3 | 3:56  | 0.0  | 4:04  | 2.2  | 7:02                                                                                | 7:13 |  |
| 23   | Fri | 11:14 | 6.9 | 11:01 | 7.5 | 4:58  | -0.2 | 5:10  | 1.5  | 7:03                                                                                | 7:11 |  |
| 24   | Sat |       |     | 12:02 | 7.4 | 5:50  | -0.4 | 6:06  | 0.8  | 7:05                                                                                | 7:09 |  |
| 25   | Sun |       |     | 12:44 | 7.8 | 6:36  | -0.4 | 6:57  | 0.3  | 7:06                                                                                | 7:07 |  |
| 26   | Mon | 12:51 | 7.8 | 1:23  | 8.1 | 7:18  | -0.3 | 7:43  | -0.2 | 7:07                                                                                | 7:05 |  |
| 27   | Tue | 1:38  | 7.7 | 1:58  | 8.1 | 7:56  | 0.0  | 8:26  | -0.4 | 7:09                                                                                | 7:03 |  |
| 28   | Wed | 2:23  | 7.6 | 2:31  | 8.1 | 8:33  | 0.4  | 9:06  | -0.5 | 7:10                                                                                | 7:01 |  |
| 29   | Thu | 3:06  | 7.3 | 3:02  | 8.0 | 9:07  | 0.9  | 9:45  | -0.4 | 7:11                                                                                | 6:59 |  |
| 30   | Fri | 3:49  | 7.0 | 3:32  | 7.8 | 9:41  | 1.4  | 10:22 | -0.2 | 7:12                                                                                | 6:57 |  |