

## Astoria (Port Docks), OR - Jan 1980

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue | 12:34 | 7.7 | 11:56 AM | 9.4 | 6:06  | 3.0 | 7:07  | -0.8 | 7:58                                                                                | 4:39 |    |
| 2    | Wed | 1:21  | 7.9 | 12:37    | 9.3 | 6:54  | 3.1 | 7:48  | -0.7 | 7:58                                                                                | 4:40 |    |
| 3    | Thu | 2:05  | 7.9 | 1:17     | 9.0 | 7:39  | 3.1 | 8:26  | -0.5 | 7:58                                                                                | 4:41 |    |
| 4    | Fri | 2:46  | 7.9 | 1:56     | 8.7 | 8:22  | 3.1 | 9:01  | -0.2 | 7:57                                                                                | 4:42 |    |
| 5    | Sat | 3:25  | 7.9 | 2:35     | 8.3 | 9:04  | 3.1 | 9:34  | 0.1  | 7:57                                                                                | 4:43 |    |
| 6    | Sun | 4:02  | 7.8 | 3:14     | 7.8 | 9:45  | 3.1 | 10:06 | 0.5  | 7:57                                                                                | 4:44 |    |
| 7    | Mon | 4:38  | 7.7 | 3:57     | 7.3 | 10:28 | 3.1 | 10:38 | 1.0  | 7:57                                                                                | 4:45 |    |
| 8    | Tue | 5:15  | 7.6 | 4:46     | 6.7 | 11:16 | 3.1 | 11:14 | 1.5  | 7:57                                                                                | 4:46 |    |
| 9    | Wed | 5:54  | 7.6 | 5:47     | 6.1 |       |     | 12:13 | 3.0  | 7:56                                                                                | 4:47 |    |
| 10   | Thu | 6:36  | 7.6 | 7:02     | 5.7 |       |     | 1:18  | 2.8  | 7:56                                                                                | 4:49 |    |
| 11   | Fri | 7:23  | 7.8 | 8:23     | 5.7 | 12:50 | 2.7 | 2:26  | 2.3  | 7:56                                                                                | 4:50 |    |
| 12   | Sat | 8:13  | 8.0 | 9:38     | 5.9 | 1:53  | 3.1 | 3:29  | 1.7  | 7:55                                                                                | 4:51 |  |
| 13   | Sun | 9:04  | 8.3 | 10:41    | 6.3 | 2:57  | 3.4 | 4:24  | 1.1  | 7:55                                                                                | 4:52 |  |
| 14   | Mon | 9:53  | 8.7 | 11:35    | 6.8 | 3:57  | 3.5 | 5:14  | 0.4  | 7:54                                                                                | 4:54 |  |
| 15   | Tue | 10:41 | 9.0 |          |     | 4:52  | 3.5 | 6:01  | -0.2 | 7:54                                                                                | 4:55 |  |
| 16   | Wed | 12:23 | 7.3 | 11:28 AM | 9.4 | 5:45  | 3.3 | 6:45  | -0.7 | 7:53                                                                                | 4:56 |  |
| 17   | Thu | 1:07  | 7.6 | 12:15    | 9.6 | 6:36  | 3.1 | 7:28  | -1.0 | 7:52                                                                                | 4:57 |  |
| 18   | Fri | 1:50  | 8.0 | 1:03     | 9.7 | 7:25  | 2.8 | 8:10  | -1.2 | 7:52                                                                                | 4:59 |  |
| 19   | Sat | 2:31  | 8.2 | 1:51     | 9.6 | 8:13  | 2.5 | 8:51  | -1.1 | 7:51                                                                                | 5:00 |  |
| 20   | Sun | 3:13  | 8.4 | 2:41     | 9.3 | 9:03  | 2.2 | 9:32  | -0.8 | 7:50                                                                                | 5:02 |  |
| 21   | Mon | 3:54  | 8.5 | 3:34     | 8.7 | 9:54  | 2.0 | 10:14 | -0.3 | 7:49                                                                                | 5:03 |  |
| 22   | Tue | 4:38  | 8.6 | 4:31     | 8.0 | 10:49 | 1.8 | 10:59 | 0.4  | 7:49                                                                                | 5:04 |  |
| 23   | Wed | 5:24  | 8.7 | 5:36     | 7.2 | 11:50 | 1.7 | 11:48 | 1.2  | 7:48                                                                                | 5:06 |  |
| 24   | Thu | 6:14  | 8.6 | 6:50     | 6.6 |       |     | 1:00  | 1.6  | 7:47                                                                                | 5:07 |  |
| 25   | Fri | 7:09  | 8.6 | 8:10     | 6.3 | 12:46 | 2.0 | 2:13  | 1.3  | 7:46                                                                                | 5:09 |  |
| 26   | Sat | 8:08  | 8.6 | 9:28     | 6.4 | 1:51  | 2.7 | 3:23  | 0.8  | 7:45                                                                                | 5:10 |  |
| 27   | Sun | 9:07  | 8.7 | 10:35    | 6.8 | 2:59  | 3.1 | 4:26  | 0.4  | 7:44                                                                                | 5:12 |  |
| 28   | Mon | 10:04 | 8.8 | 11:32    | 7.2 | 4:03  | 3.2 | 5:20  | -0.1 | 7:43                                                                                | 5:13 |  |
| 29   | Tue | 10:55 | 8.9 |          |     | 5:00  | 3.2 | 6:07  | -0.3 | 7:42                                                                                | 5:14 |  |
| 30   | Wed | 12:20 | 7.6 | 11:41 AM | 8.9 | 5:53  | 3.1 | 6:50  | -0.4 | 7:41                                                                                | 5:16 |  |
| 31   | Thu | 1:03  | 7.8 | 12:24    | 8.8 | 6:40  | 2.9 | 7:28  | -0.4 | 7:39                                                                                | 5:17 |  |