

## Astoria (Port Docks), OR - Jul 2016

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sun | 11:51 | 5.6 | 11:05 | 7.8 | 5:38  | 0.3  | 5:05  | 2.9  | 5:28                                                                                | 9:10 |    |
| 2    | Mon |       |     | 12:44 | 6.0 | 6:24  | -0.1 | 5:53  | 3.2  | 5:29                                                                                | 9:10 |    |
| 3    | Tue |       |     | 1:32  | 6.2 | 7:07  | -0.5 | 6:41  | 3.3  | 5:30                                                                                | 9:09 |    |
| 4    | Wed | 12:23 | 8.1 | 2:16  | 6.4 | 7:48  | -0.7 | 7:26  | 3.3  | 5:30                                                                                | 9:09 |    |
| 5    | Thu | 1:01  | 8.2 | 2:57  | 6.6 | 8:27  | -0.9 | 8:10  | 3.3  | 5:31                                                                                | 9:09 |    |
| 6    | Fri | 1:40  | 8.3 | 3:36  | 6.6 | 9:04  | -1.1 | 8:53  | 3.2  | 5:32                                                                                | 9:08 |    |
| 7    | Sat | 2:19  | 8.3 | 4:12  | 6.7 | 9:40  | -1.1 | 9:34  | 3.0  | 5:33                                                                                | 9:08 |    |
| 8    | Sun | 3:01  | 8.2 | 4:47  | 6.8 | 10:15 | -1.1 | 10:17 | 2.7  | 5:34                                                                                | 9:07 |    |
| 9    | Mon | 3:45  | 8.0 | 5:23  | 6.9 | 10:49 | -1.0 | 11:03 | 2.4  | 5:34                                                                                | 9:07 |    |
| 10   | Tue | 4:34  | 7.6 | 5:59  | 7.0 | 11:26 | -0.7 | 11:54 | 2.1  | 5:35                                                                                | 9:06 |    |
| 11   | Wed | 5:29  | 7.0 | 6:39  | 7.3 |       |      | 12:06 | -0.2 | 5:36                                                                                | 9:05 |    |
| 12   | Thu | 6:34  | 6.3 | 7:23  | 7.6 | 12:55 | 1.8  | 12:52 | 0.5  | 5:37                                                                                | 9:05 |   |
| 13   | Fri | 7:51  | 5.8 | 8:12  | 7.9 | 2:04  | 1.3  | 1:45  | 1.3  | 5:38                                                                                | 9:04 |  |
| 14   | Sat | 9:14  | 5.5 | 9:05  | 8.2 | 3:16  | 0.7  | 2:46  | 1.9  | 5:39                                                                                | 9:03 |  |
| 15   | Sun | 10:34 | 5.6 | 10:01 | 8.5 | 4:26  | 0.0  | 3:52  | 2.5  | 5:40                                                                                | 9:03 |  |
| 16   | Mon | 11:45 | 5.9 | 10:58 | 8.8 | 5:29  | -0.7 | 4:58  | 2.7  | 5:41                                                                                | 9:02 |  |
| 17   | Tue |       |     | 12:47 | 6.3 | 6:28  | -1.2 | 6:00  | 2.8  | 5:42                                                                                | 9:01 |  |
| 18   | Wed |       |     | 1:41  | 6.7 | 7:22  | -1.6 | 7:00  | 2.7  | 5:43                                                                                | 9:00 |  |
| 19   | Thu | 12:48 | 9.0 | 2:30  | 7.0 | 8:12  | -1.8 | 7:55  | 2.6  | 5:44                                                                                | 8:59 |  |
| 20   | Fri | 1:39  | 8.9 | 3:17  | 7.1 | 8:58  | -1.8 | 8:48  | 2.3  | 5:45                                                                                | 8:58 |  |
| 21   | Sat | 2:29  | 8.6 | 4:00  | 7.2 | 9:40  | -1.6 | 9:38  | 2.1  | 5:46                                                                                | 8:57 |  |
| 22   | Sun | 3:17  | 8.2 | 4:40  | 7.2 | 10:19 | -1.2 | 10:25 | 1.9  | 5:47                                                                                | 8:56 |  |
| 23   | Mon | 4:04  | 7.6 | 5:18  | 7.2 | 10:56 | -0.7 | 11:13 | 1.8  | 5:48                                                                                | 8:55 |  |
| 24   | Tue | 4:53  | 6.9 | 5:55  | 7.1 | 11:30 | -0.1 |       |      | 5:50                                                                                | 8:54 |  |
| 25   | Wed | 5:44  | 6.2 | 6:32  | 7.1 | 12:02 | 1.7  | 12:05 | 0.6  | 5:51                                                                                | 8:53 |  |
| 26   | Thu | 6:43  | 5.5 | 7:10  | 7.0 | 12:56 | 1.6  | 12:43 | 1.4  | 5:52                                                                                | 8:51 |  |
| 27   | Fri | 7:51  | 5.0 | 7:52  | 7.0 | 1:56  | 1.5  | 1:28  | 2.1  | 5:53                                                                                | 8:50 |  |
| 28   | Sat | 9:08  | 4.8 | 8:38  | 7.0 | 3:02  | 1.3  | 2:23  | 2.7  | 5:54                                                                                | 8:49 |  |
| 29   | Sun | 10:23 | 5.0 | 9:29  | 7.1 | 4:06  | 0.9  | 3:26  | 3.2  | 5:55                                                                                | 8:48 |  |
| 30   | Mon | 11:29 | 5.3 | 10:21 | 7.3 | 5:04  | 0.5  | 4:29  | 3.4  | 5:56                                                                                | 8:46 |  |
| 31   | Tue |       |     | 12:24 | 5.8 | 5:56  | 0.0  | 5:27  | 3.4  | 5:58                                                                                | 8:45 |  |