

## Port Protection, Prince of Wales Island, AK - Jan 1879

| Date |     | High  |      |          |      | Low   |     |       |      |  |      |    |
|------|-----|-------|------|----------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM       | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 6:25  | 11.6 | 7:32     | 8.7  |       |     | 1:33  | 2.9  | 7:28                                                                                | 2:29 |    |
| 2    | Thu | 7:14  | 11.6 | 9:05     | 8.8  | 12:31 | 4.4 | 2:39  | 2.3  | 7:27                                                                                | 2:30 |    |
| 3    | Fri | 8:06  | 11.8 | 10:15    | 9.3  | 1:40  | 5.0 | 3:34  | 1.6  | 7:27                                                                                | 2:31 |    |
| 4    | Sat | 8:59  | 12.1 | 11:05    | 9.9  | 2:49  | 5.2 | 4:20  | 0.9  | 7:27                                                                                | 2:33 |    |
| 5    | Sun | 9:48  | 12.5 | 11:44    | 10.5 | 3:49  | 5.2 | 5:01  | 0.2  | 7:26                                                                                | 2:34 |    |
| 6    | Mon | 10:33 | 13.0 |          |      | 4:39  | 4.9 | 5:40  | -0.5 | 7:25                                                                                | 2:36 |    |
| 7    | Tue | 12:19 | 11.0 | 11:16 AM | 13.4 | 5:23  | 4.5 | 6:17  | -1.1 | 7:25                                                                                | 2:37 |    |
| 8    | Wed | 12:53 | 11.4 | 11:57 AM | 13.7 | 6:06  | 4.1 | 6:53  | -1.5 | 7:24                                                                                | 2:39 |    |
| 9    | Thu | 1:26  | 11.8 | 12:38    | 13.7 | 6:48  | 3.6 | 7:29  | -1.6 | 7:23                                                                                | 2:40 |    |
| 10   | Fri | 2:00  | 12.1 | 1:20     | 13.5 | 7:31  | 3.1 | 8:05  | -1.5 | 7:22                                                                                | 2:42 |    |
| 11   | Sat | 2:34  | 12.4 | 2:05     | 13.0 | 8:16  | 2.7 | 8:41  | -1.0 | 7:22                                                                                | 2:44 |   |
| 12   | Sun | 3:10  | 12.7 | 2:53     | 12.3 | 9:04  | 2.4 | 9:18  | -0.2 | 7:21                                                                                | 2:45 |  |
| 13   | Mon | 3:48  | 12.9 | 3:47     | 11.3 | 9:58  | 2.1 | 9:57  | 0.9  | 7:20                                                                                | 2:47 |  |
| 14   | Tue | 4:30  | 13.0 | 4:52     | 10.3 | 10:59 | 1.9 | 10:41 | 2.1  | 7:18                                                                                | 2:49 |  |
| 15   | Wed | 5:18  | 13.0 | 6:12     | 9.5  |       |     | 12:11 | 1.7  | 7:17                                                                                | 2:51 |  |
| 16   | Thu | 6:13  | 12.9 | 7:49     | 9.3  |       |     | 1:29  | 1.2  | 7:16                                                                                | 2:53 |  |
| 17   | Fri | 7:16  | 12.9 | 9:23     | 9.6  | 12:44 | 4.3 | 2:46  | 0.6  | 7:15                                                                                | 2:55 |  |
| 18   | Sat | 8:25  | 13.0 | 10:35    | 10.3 | 2:08  | 4.8 | 3:51  | -0.1 | 7:14                                                                                | 2:57 |  |
| 19   | Sun | 9:31  | 13.2 | 11:27    | 11.0 | 3:28  | 4.8 | 4:46  | -0.7 | 7:12                                                                                | 2:59 |  |
| 20   | Mon | 10:29 | 13.5 |          |      | 4:33  | 4.4 | 5:33  | -1.2 | 7:11                                                                                | 3:01 |  |
| 21   | Tue | 12:10 | 11.5 | 11:20 AM | 13.7 | 5:27  | 3.9 | 6:15  | -1.4 | 7:09                                                                                | 3:03 |  |
| 22   | Wed | 12:48 | 12.0 | 12:06    | 13.6 | 6:14  | 3.4 | 6:54  | -1.4 | 7:08                                                                                | 3:05 |  |
| 23   | Thu | 1:22  | 12.2 | 12:48    | 13.4 | 6:57  | 2.9 | 7:29  | -1.2 | 7:06                                                                                | 3:07 |  |
| 24   | Fri | 1:55  | 12.4 | 1:28     | 12.9 | 7:38  | 2.6 | 8:01  | -0.7 | 7:05                                                                                | 3:09 |  |
| 25   | Sat | 2:26  | 12.4 | 2:06     | 12.3 | 8:17  | 2.3 | 8:32  | 0.0  | 7:03                                                                                | 3:11 |  |
| 26   | Sun | 2:56  | 12.4 | 2:45     | 11.5 | 8:56  | 2.3 | 9:01  | 0.8  | 7:01                                                                                | 3:13 |  |
| 27   | Mon | 3:26  | 12.2 | 3:25     | 10.7 | 9:37  | 2.3 | 9:29  | 1.8  | 7:00                                                                                | 3:15 |  |
| 28   | Tue | 3:57  | 12.1 | 4:11     | 9.8  | 10:22 | 2.4 | 9:57  | 2.8  | 6:58                                                                                | 3:17 |  |
| 29   | Wed | 4:30  | 11.8 | 5:08     | 9.1  | 11:14 | 2.6 | 10:29 | 3.7  | 6:56                                                                                | 3:20 |  |
| 30   | Thu | 5:09  | 11.6 | 6:28     | 8.5  |       |     | 12:20 | 2.7  | 6:54                                                                                | 3:22 |  |

| Date |     | High |      |      |     | Low |    |      |     |  |      |   |
|------|-----|------|------|------|-----|-----|----|------|-----|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft   | PM   | ft  | AM  | ft | PM   | ft  | Rise                                                                               | Set  | Moon                                                                                |
| 31   | Fri | 6:00 | 11.4 | 8:20 | 8.5 |     |    | 1:39 | 2.5 | 6:52                                                                               | 3:24 |  |