

## Port Protection, Prince of Wales Island, AK - Jan 1869

| Date |     | High  |      |          |      | Low   |     |       |      |  |      |    |
|------|-----|-------|------|----------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM       | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Fri | 2:41  | 12.6 | 2:08     | 13.9 | 8:16  | 3.0 | 8:54  | -1.7 | 7:28                                                                                | 2:29 |    |
| 2    | Sat | 3:28  | 12.6 | 3:00     | 13.1 | 9:10  | 2.9 | 9:40  | -0.9 | 7:27                                                                                | 2:31 |    |
| 3    | Sun | 4:17  | 12.6 | 3:58     | 12.0 | 10:11 | 2.9 | 10:29 | 0.1  | 7:27                                                                                | 2:32 |    |
| 4    | Mon | 5:09  | 12.5 | 5:06     | 11.0 | 11:20 | 2.8 | 11:23 | 1.2  | 7:26                                                                                | 2:33 |    |
| 5    | Tue | 6:05  | 12.5 | 6:26     | 10.2 |       |     | 12:37 | 2.5  | 7:26                                                                                | 2:35 |    |
| 6    | Wed | 7:03  | 12.6 | 7:54     | 9.8  | 12:24 | 2.2 | 1:55  | 1.9  | 7:25                                                                                | 2:36 |    |
| 7    | Thu | 8:02  | 12.7 | 9:18     | 10.0 | 1:31  | 3.1 | 3:04  | 1.2  | 7:25                                                                                | 2:38 |    |
| 8    | Fri | 8:57  | 12.9 | 10:26    | 10.4 | 2:39  | 3.6 | 4:01  | 0.4  | 7:24                                                                                | 2:39 |    |
| 9    | Sat | 9:49  | 13.1 | 11:19    | 10.9 | 3:41  | 3.9 | 4:49  | -0.2 | 7:23                                                                                | 2:41 |    |
| 10   | Sun | 10:35 | 13.3 |          |      | 4:35  | 3.9 | 5:32  | -0.6 | 7:22                                                                                | 2:43 |    |
| 11   | Mon | 12:04 | 11.3 | 11:17 AM | 13.4 | 5:22  | 3.9 | 6:11  | -0.8 | 7:21                                                                                | 2:44 |   |
| 12   | Tue | 12:42 | 11.6 | 11:56 AM | 13.3 | 6:04  | 3.7 | 6:47  | -0.9 | 7:20                                                                                | 2:46 |  |
| 13   | Wed | 1:18  | 11.8 | 12:33    | 13.2 | 6:43  | 3.6 | 7:21  | -0.8 | 7:19                                                                                | 2:48 |  |
| 14   | Thu | 1:51  | 11.8 | 1:09     | 13.0 | 7:21  | 3.5 | 7:54  | -0.6 | 7:18                                                                                | 2:50 |  |
| 15   | Fri | 2:24  | 11.8 | 1:44     | 12.6 | 7:57  | 3.4 | 8:26  | -0.2 | 7:17                                                                                | 2:52 |  |
| 16   | Sat | 2:56  | 11.7 | 2:19     | 12.0 | 8:35  | 3.4 | 8:57  | 0.3  | 7:16                                                                                | 2:54 |  |
| 17   | Sun | 3:30  | 11.6 | 2:57     | 11.4 | 9:15  | 3.5 | 9:29  | 0.9  | 7:14                                                                                | 2:56 |  |
| 18   | Mon | 4:04  | 11.5 | 3:39     | 10.6 | 9:59  | 3.5 | 10:03 | 1.6  | 7:13                                                                                | 2:57 |  |
| 19   | Tue | 4:42  | 11.4 | 4:30     | 9.9  | 10:51 | 3.5 | 10:40 | 2.4  | 7:12                                                                                | 2:59 |  |
| 20   | Wed | 5:23  | 11.4 | 5:36     | 9.3  | 11:54 | 3.3 | 11:26 | 3.2  | 7:10                                                                                | 3:02 |  |
| 21   | Thu | 6:11  | 11.4 | 7:01     | 9.0  |       |     | 1:06  | 2.9  | 7:09                                                                                | 3:04 |  |
| 22   | Fri | 7:06  | 11.7 | 8:31     | 9.1  | 12:26 | 3.9 | 2:17  | 2.2  | 7:07                                                                                | 3:06 |  |
| 23   | Sat | 8:04  | 12.1 | 9:46     | 9.7  | 1:38  | 4.3 | 3:18  | 1.3  | 7:06                                                                                | 3:08 |  |
| 24   | Sun | 9:02  | 12.6 | 10:43    | 10.5 | 2:50  | 4.4 | 4:10  | 0.2  | 7:04                                                                                | 3:10 |  |
| 25   | Mon | 9:56  | 13.3 | 11:30    | 11.2 | 3:53  | 4.1 | 4:58  | -0.8 | 7:02                                                                                | 3:12 |  |
| 26   | Tue | 10:47 | 13.9 |          |      | 4:48  | 3.7 | 5:43  | -1.6 | 7:01                                                                                | 3:14 |  |
| 27   | Wed | 12:13 | 11.9 | 11:36 AM | 14.4 | 5:39  | 3.1 | 6:26  | -2.2 | 6:59                                                                                | 3:16 |  |
| 28   | Thu | 12:54 | 12.5 | 12:25    | 14.6 | 6:28  | 2.5 | 7:09  | -2.4 | 6:57                                                                                | 3:18 |  |
| 29   | Fri | 1:35  | 12.9 | 1:13     | 14.5 | 7:16  | 2.0 | 7:52  | -2.2 | 6:55                                                                                | 3:21 |  |
| 30   | Sat | 2:17  | 13.2 | 2:02     | 13.9 | 8:06  | 1.6 | 8:34  | -1.7 | 6:53                                                                                | 3:23 |  |

| Date |     | High |      |      |      | Low  |     |      |      |  |      |   |
|------|-----|------|------|------|------|------|-----|------|------|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft   | PM   | ft   | AM   | ft  | PM   | ft   | Rise                                                                               | Set  | Moon                                                                                |
| 31   | Sun | 2:59 | 13.3 | 2:53 | 13.1 | 8:57 | 1.5 | 9:17 | -0.8 | 6:51                                                                               | 3:25 |  |