

## Port Protection, Prince of Wales Island, AK - Jan 1864

| Date |     | High  |      |          |      | Low   |     |       |      |  |      |    |
|------|-----|-------|------|----------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM       | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Fri | 5:01  | 11.6 | 5:04     | 9.5  | 11:25 | 3.5 | 11:01 | 2.8  | 7:28                                                                                | 2:27 |    |
| 2    | Sat | 5:47  | 11.6 | 6:22     | 9.1  |       |     | 12:35 | 3.2  | 7:28                                                                                | 2:28 |    |
| 3    | Sun | 6:38  | 11.8 | 7:51     | 9.1  |       |     | 1:47  | 2.5  | 7:28                                                                                | 2:30 |    |
| 4    | Mon | 7:35  | 12.2 | 9:12     | 9.5  | 1:01  | 4.1 | 2:52  | 1.6  | 7:27                                                                                | 2:31 |    |
| 5    | Tue | 8:33  | 12.7 | 10:16    | 10.2 | 2:13  | 4.3 | 3:47  | 0.5  | 7:27                                                                                | 2:32 |    |
| 6    | Wed | 9:29  | 13.4 | 11:07    | 11.0 | 3:20  | 4.2 | 4:36  | -0.5 | 7:26                                                                                | 2:34 |    |
| 7    | Thu | 10:22 | 14.0 | 11:53    | 11.7 | 4:19  | 3.9 | 5:22  | -1.4 | 7:26                                                                                | 2:35 |    |
| 8    | Fri | 11:12 | 14.5 |          |      | 5:13  | 3.3 | 6:07  | -2.1 | 7:25                                                                                | 2:37 |    |
| 9    | Sat | 12:36 | 12.4 | 12:02    | 14.7 | 6:04  | 2.8 | 6:50  | -2.4 | 7:24                                                                                | 2:38 |    |
| 10   | Sun | 1:18  | 12.9 | 12:50    | 14.7 | 6:54  | 2.3 | 7:33  | -2.4 | 7:24                                                                                | 2:40 |    |
| 11   | Mon | 2:00  | 13.3 | 1:40     | 14.2 | 7:45  | 1.9 | 8:16  | -1.9 | 7:23                                                                                | 2:41 |    |
| 12   | Tue | 2:43  | 13.4 | 2:30     | 13.4 | 8:37  | 1.7 | 8:59  | -1.1 | 7:22                                                                                | 2:43 |   |
| 13   | Wed | 3:27  | 13.5 | 3:24     | 12.4 | 9:31  | 1.6 | 9:42  | 0.0  | 7:21                                                                                | 2:45 |  |
| 14   | Thu | 4:13  | 13.3 | 4:23     | 11.2 | 10:30 | 1.7 | 10:28 | 1.2  | 7:20                                                                                | 2:47 |  |
| 15   | Fri | 5:03  | 13.0 | 5:33     | 10.2 | 11:37 | 1.8 | 11:20 | 2.5  | 7:19                                                                                | 2:48 |  |
| 16   | Sat | 5:57  | 12.7 | 6:58     | 9.5  |       |     | 12:52 | 1.8  | 7:18                                                                                | 2:50 |  |
| 17   | Sun | 6:57  | 12.4 | 8:31     | 9.4  | 12:23 | 3.6 | 2:10  | 1.5  | 7:17                                                                                | 2:52 |  |
| 18   | Mon | 8:01  | 12.3 | 9:52     | 9.8  | 1:38  | 4.3 | 3:18  | 1.1  | 7:15                                                                                | 2:54 |  |
| 19   | Tue | 9:02  | 12.3 | 10:50    | 10.3 | 2:54  | 4.6 | 4:13  | 0.6  | 7:14                                                                                | 2:56 |  |
| 20   | Wed | 9:56  | 12.5 | 11:34    | 10.8 | 3:58  | 4.5 | 4:58  | 0.2  | 7:13                                                                                | 2:58 |  |
| 21   | Thu | 10:43 | 12.7 |          |      | 4:49  | 4.2 | 5:37  | -0.1 | 7:11                                                                                | 3:00 |  |
| 22   | Fri | 12:09 | 11.2 | 11:24 AM | 12.8 | 5:32  | 3.8 | 6:11  | -0.4 | 7:10                                                                                | 3:02 |  |
| 23   | Sat | 12:40 | 11.5 | 12:01    | 12.9 | 6:10  | 3.5 | 6:43  | -0.5 | 7:08                                                                                | 3:04 |  |
| 24   | Sun | 1:09  | 11.7 | 12:36    | 12.8 | 6:45  | 3.1 | 7:13  | -0.5 | 7:07                                                                                | 3:06 |  |
| 25   | Mon | 1:38  | 11.9 | 1:10     | 12.6 | 7:20  | 2.8 | 7:42  | -0.3 | 7:05                                                                                | 3:08 |  |
| 26   | Tue | 2:06  | 12.1 | 1:43     | 12.3 | 7:54  | 2.6 | 8:10  | 0.1  | 7:04                                                                                | 3:10 |  |
| 27   | Wed | 2:34  | 12.1 | 2:18     | 11.8 | 8:29  | 2.5 | 8:39  | 0.6  | 7:02                                                                                | 3:12 |  |
| 28   | Thu | 3:02  | 12.1 | 2:56     | 11.2 | 9:07  | 2.5 | 9:08  | 1.2  | 7:00                                                                                | 3:14 |  |
| 29   | Fri | 3:33  | 12.1 | 3:38     | 10.5 | 9:49  | 2.5 | 9:39  | 2.0  | 6:58                                                                                | 3:17 |  |
| 30   | Sat | 4:08  | 12.1 | 4:30     | 9.8  | 10:38 | 2.5 | 10:15 | 2.8  | 6:57                                                                                | 3:19 |  |
| 31   | Sun | 4:49  | 12.0 | 5:39     | 9.2  | 11:40 | 2.4 | 11:01 | 3.6  | 6:55                                                                                | 3:21 |  |