

## Port Protection, Prince of Wales Island, AK - Jul 1870

| Date |     | High  |      |       |      | Low   |      |       |     |  |      |    |
|------|-----|-------|------|-------|------|-------|------|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM    | ft   | AM    | ft   | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Fri | 1:17  | 12.6 | 2:46  | 10.9 | 8:12  | -1.8 | 8:10  | 3.1 | 2:10                                                                                | 7:46 |    |
| 2    | Sat | 1:59  | 12.4 | 3:27  | 10.9 | 8:51  | -1.6 | 8:57  | 3.0 | 2:11                                                                                | 7:45 |    |
| 3    | Sun | 2:44  | 11.9 | 4:10  | 11.0 | 9:32  | -1.2 | 9:51  | 2.9 | 2:12                                                                                | 7:45 |    |
| 4    | Mon | 3:36  | 11.2 | 4:57  | 11.2 | 10:17 | -0.6 | 10:53 | 2.6 | 2:13                                                                                | 7:44 |    |
| 5    | Tue | 4:38  | 10.4 | 5:47  | 11.4 | 11:05 | 0.2  |       |     | 2:14                                                                                | 7:43 |    |
| 6    | Wed | 5:51  | 9.7  | 6:40  | 11.7 | 12:05 | 2.2  | 12:00 | 1.0 | 2:15                                                                                | 7:43 |    |
| 7    | Thu | 7:14  | 9.3  | 7:36  | 12.1 | 1:21  | 1.5  | 1:02  | 1.8 | 2:16                                                                                | 7:42 |    |
| 8    | Fri | 8:38  | 9.3  | 8:32  | 12.6 | 2:32  | 0.5  | 2:08  | 2.4 | 2:17                                                                                | 7:41 |    |
| 9    | Sat | 9:54  | 9.8  | 9:27  | 13.0 | 3:34  | -0.5 | 3:13  | 2.7 | 2:19                                                                                | 7:40 |    |
| 10   | Sun | 10:57 | 10.3 | 10:19 | 13.4 | 4:29  | -1.3 | 4:13  | 2.8 | 2:20                                                                                | 7:39 |    |
| 11   | Mon | 11:50 | 10.8 | 11:10 | 13.6 | 5:20  | -2.0 | 5:08  | 2.8 | 2:21                                                                                | 7:38 |    |
| 12   | Tue |       |      | 12:38 | 11.2 | 6:07  | -2.4 | 6:00  | 2.7 | 2:23                                                                                | 7:37 |    |
| 13   | Wed |       |      | 1:22  | 11.4 | 6:51  | -2.5 | 6:48  | 2.6 | 2:24                                                                                | 7:35 |    |
| 14   | Thu | 12:43 | 13.4 | 2:04  | 11.5 | 7:34  | -2.3 | 7:35  | 2.5 | 2:26                                                                                | 7:34 |   |
| 15   | Fri | 1:27  | 12.9 | 2:45  | 11.4 | 8:14  | -1.9 | 8:20  | 2.5 | 2:27                                                                                | 7:33 |  |
| 16   | Sat | 2:10  | 12.3 | 3:25  | 11.3 | 8:53  | -1.3 | 9:06  | 2.5 | 2:29                                                                                | 7:32 |  |
| 17   | Sun | 2:54  | 11.5 | 4:05  | 11.1 | 9:31  | -0.5 | 9:55  | 2.6 | 2:30                                                                                | 7:30 |  |
| 18   | Mon | 3:40  | 10.6 | 4:46  | 10.9 | 10:09 | 0.4  | 10:48 | 2.7 | 2:32                                                                                | 7:29 |  |
| 19   | Tue | 4:31  | 9.7  | 5:28  | 10.7 | 10:48 | 1.3  | 11:48 | 2.7 | 2:33                                                                                | 7:27 |  |
| 20   | Wed | 5:32  | 8.9  | 6:14  | 10.6 | 11:32 | 2.2  |       |     | 2:35                                                                                | 7:26 |  |
| 21   | Thu | 6:46  | 8.4  | 7:03  | 10.7 | 12:57 | 2.5  | 12:24 | 3.0 | 2:37                                                                                | 7:24 |  |
| 22   | Fri | 8:11  | 8.3  | 7:55  | 10.8 | 2:05  | 2.1  | 1:26  | 3.6 | 2:39                                                                                | 7:22 |  |
| 23   | Sat | 9:28  | 8.6  | 8:46  | 11.2 | 3:06  | 1.5  | 2:31  | 3.9 | 2:40                                                                                | 7:21 |  |
| 24   | Sun | 10:28 | 9.1  | 9:35  | 11.6 | 3:56  | 0.8  | 3:29  | 3.9 | 2:42                                                                                | 7:19 |  |
| 25   | Mon | 11:14 | 9.6  | 10:20 | 12.0 | 4:40  | 0.1  | 4:20  | 3.8 | 2:44                                                                                | 7:17 |  |
| 26   | Tue | 11:53 | 10.2 | 11:03 | 12.5 | 5:20  | -0.6 | 5:06  | 3.5 | 2:46                                                                                | 7:15 |  |
| 27   | Wed |       |      | 12:30 | 10.6 | 5:59  | -1.2 | 5:48  | 3.1 | 2:47                                                                                | 7:14 |  |
| 28   | Thu |       |      | 1:05  | 11.0 | 6:36  | -1.7 | 6:30  | 2.7 | 2:49                                                                                | 7:12 |  |
| 29   | Fri | 12:25 | 13.0 | 1:41  | 11.3 | 7:13  | -1.9 | 7:13  | 2.4 | 2:51                                                                                | 7:10 |  |
| 30   | Sat | 1:07  | 13.0 | 2:17  | 11.6 | 7:51  | -1.9 | 7:57  | 2.0 | 2:53                                                                                | 7:08 |  |
| 31   | Sun | 1:50  | 12.8 | 2:55  | 11.8 | 8:29  | -1.6 | 8:44  | 1.7 | 2:55                                                                                | 7:06 |  |