

## Port Protection, Prince of Wales Island, AK - May 1854

| Date |     | High  |      |       |      | Low   |      |       |     |  |      |    |
|------|-----|-------|------|-------|------|-------|------|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM    | ft   | AM    | ft   | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 2:07  | 12.0 | 3:40  | 10.0 | 9:04  | -0.3 | 8:49  | 4.1 | 3:11                                                                                | 6:32 |    |
| 2    | Tue | 2:41  | 11.5 | 4:31  | 9.5  | 9:46  | 0.3  | 9:29  | 4.6 | 3:08                                                                                | 6:34 |    |
| 3    | Wed | 3:20  | 10.8 | 5:35  | 9.2  | 10:35 | 0.8  | 10:24 | 4.9 | 3:06                                                                                | 6:36 |    |
| 4    | Thu | 4:11  | 10.2 | 6:47  | 9.1  | 11:35 | 1.2  | 11:47 | 5.0 | 3:04                                                                                | 6:38 |    |
| 5    | Fri | 5:22  | 9.6  | 7:54  | 9.4  |       |      | 12:44 | 1.4 | 3:01                                                                                | 6:40 |    |
| 6    | Sat | 6:49  | 9.4  | 8:43  | 9.9  | 1:27  | 4.6  | 1:49  | 1.4 | 2:59                                                                                | 6:42 |    |
| 7    | Sun | 8:09  | 9.5  | 9:21  | 10.5 | 2:39  | 3.8  | 2:43  | 1.2 | 2:57                                                                                | 6:44 |    |
| 8    | Mon | 9:16  | 9.9  | 9:54  | 11.3 | 3:31  | 2.6  | 3:29  | 1.1 | 2:55                                                                                | 6:46 |    |
| 9    | Tue | 10:12 | 10.3 | 10:27 | 12.0 | 4:14  | 1.4  | 4:10  | 1.1 | 2:53                                                                                | 6:48 |    |
| 10   | Wed | 11:03 | 10.8 | 11:00 | 12.8 | 4:55  | 0.1  | 4:50  | 1.2 | 2:51                                                                                | 6:50 |    |
| 11   | Thu | 11:51 | 11.3 | 11:35 | 13.5 | 5:36  | -1.1 | 5:30  | 1.5 | 2:49                                                                                | 6:52 |    |
| 12   | Fri |       |      | 12:38 | 11.5 | 6:17  | -2.0 | 6:10  | 1.8 | 2:47                                                                                | 6:54 |    |
| 13   | Sat | 12:12 | 13.9 | 1:26  | 11.6 | 7:01  | -2.6 | 6:53  | 2.2 | 2:45                                                                                | 6:56 |    |
| 14   | Sun | 12:51 | 14.0 | 2:16  | 11.4 | 7:46  | -2.7 | 7:37  | 2.7 | 2:43                                                                                | 6:58 |   |
| 15   | Mon | 1:34  | 13.8 | 3:09  | 11.1 | 8:34  | -2.6 | 8:26  | 3.2 | 2:41                                                                                | 7:00 |  |
| 16   | Tue | 2:21  | 13.3 | 4:08  | 10.7 | 9:26  | -2.1 | 9:22  | 3.6 | 2:39                                                                                | 7:02 |  |
| 17   | Wed | 3:15  | 12.5 | 5:13  | 10.5 | 10:23 | -1.3 | 10:30 | 4.0 | 2:37                                                                                | 7:04 |  |
| 18   | Thu | 4:18  | 11.5 | 6:21  | 10.4 | 11:26 | -0.6 | 11:54 | 3.9 | 2:35                                                                                | 7:06 |  |
| 19   | Fri | 5:35  | 10.6 | 7:27  | 10.7 |       |      | 12:34 | 0.0 | 2:33                                                                                | 7:08 |  |
| 20   | Sat | 7:01  | 10.0 | 8:24  | 11.1 | 1:25  | 3.4  | 1:40  | 0.5 | 2:32                                                                                | 7:09 |  |
| 21   | Sun | 8:24  | 9.8  | 9:12  | 11.6 | 2:41  | 2.4  | 2:39  | 0.9 | 2:30                                                                                | 7:11 |  |
| 22   | Mon | 9:35  | 9.8  | 9:52  | 12.0 | 3:40  | 1.3  | 3:30  | 1.3 | 2:28                                                                                | 7:13 |  |
| 23   | Tue | 10:34 | 10.1 | 10:29 | 12.3 | 4:28  | 0.3  | 4:15  | 1.7 | 2:27                                                                                | 7:15 |  |
| 24   | Wed | 11:24 | 10.3 | 11:02 | 12.6 | 5:10  | -0.4 | 4:55  | 2.2 | 2:25                                                                                | 7:16 |  |
| 25   | Thu |       |      | 12:09 | 10.5 | 5:47  | -1.0 | 5:33  | 2.6 | 2:24                                                                                | 7:18 |  |
| 26   | Fri |       |      | 12:49 | 10.6 | 6:22  | -1.3 | 6:09  | 3.0 | 2:22                                                                                | 7:20 |  |
| 27   | Sat | 12:05 | 12.6 | 1:28  | 10.6 | 6:57  | -1.4 | 6:44  | 3.3 | 2:21                                                                                | 7:21 |  |
| 28   | Sun | 12:36 | 12.5 | 2:06  | 10.5 | 7:31  | -1.3 | 7:19  | 3.6 | 2:19                                                                                | 7:23 |  |
| 29   | Mon | 1:08  | 12.2 | 2:45  | 10.3 | 8:07  | -1.1 | 7:55  | 3.9 | 2:18                                                                                | 7:25 |  |
| 30   | Tue | 1:42  | 11.9 | 3:26  | 10.0 | 8:44  | -0.7 | 8:33  | 4.1 | 2:17                                                                                | 7:26 |  |
| 31   | Wed | 2:18  | 11.4 | 4:11  | 9.8  | 9:24  | -0.3 | 9:17  | 4.3 | 2:16                                                                                | 7:28 |  |