

## Port Protection, Prince of Wales Island, AK - Oct 1849

| Date |     | High  |      |       |      | Low   |     |       |      |  |      |    |
|------|-----|-------|------|-------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM    | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 11:53 | 12.7 |       |      | 5:41  | 0.3 | 6:02  | 0.4  | 4:56                                                                                | 4:32 |    |
| 2    | Tue | 12:08 | 12.6 | 12:24 | 13.2 | 6:16  | 0.3 | 6:40  | -0.3 | 4:58                                                                                | 4:30 |    |
| 3    | Wed | 12:49 | 12.7 | 12:57 | 13.5 | 6:51  | 0.6 | 7:20  | -0.7 | 5:00                                                                                | 4:27 |    |
| 4    | Thu | 1:32  | 12.6 | 1:33  | 13.6 | 7:28  | 1.0 | 8:03  | -0.9 | 5:02                                                                                | 4:24 |    |
| 5    | Fri | 2:18  | 12.3 | 2:11  | 13.5 | 8:07  | 1.6 | 8:49  | -0.8 | 5:04                                                                                | 4:22 |    |
| 6    | Sat | 3:08  | 11.7 | 2:55  | 13.2 | 8:50  | 2.4 | 9:40  | -0.4 | 5:06                                                                                | 4:19 |    |
| 7    | Sun | 4:06  | 11.1 | 3:46  | 12.6 | 9:40  | 3.2 | 10:40 | 0.2  | 5:08                                                                                | 4:16 |    |
| 8    | Mon | 5:16  | 10.6 | 4:49  | 11.9 | 10:44 | 3.9 | 11:51 | 0.7  | 5:10                                                                                | 4:14 |    |
| 9    | Tue | 6:36  | 10.4 | 6:09  | 11.4 |       |     | 12:10 | 4.2  | 5:12                                                                                | 4:11 |    |
| 10   | Wed | 7:56  | 10.7 | 7:35  | 11.2 | 1:10  | 0.9 | 1:44  | 3.9  | 5:14                                                                                | 4:09 |    |
| 11   | Thu | 9:02  | 11.2 | 8:52  | 11.5 | 2:24  | 0.8 | 3:00  | 3.1  | 5:17                                                                                | 4:06 |   |
| 12   | Fri | 9:53  | 11.9 | 9:56  | 11.9 | 3:24  | 0.7 | 3:59  | 2.1  | 5:19                                                                                | 4:03 |  |
| 13   | Sat | 10:35 | 12.5 | 10:49 | 12.2 | 4:15  | 0.5 | 4:47  | 1.2  | 5:21                                                                                | 4:01 |  |
| 14   | Sun | 11:13 | 12.9 | 11:35 | 12.4 | 4:58  | 0.5 | 5:29  | 0.4  | 5:23                                                                                | 3:58 |  |
| 15   | Mon | 11:47 | 13.2 |       |      | 5:37  | 0.7 | 6:08  | -0.1 | 5:25                                                                                | 3:56 |  |
| 16   | Tue | 12:18 | 12.5 | 12:19 | 13.3 | 6:14  | 1.1 | 6:44  | -0.4 | 5:27                                                                                | 3:53 |  |
| 17   | Wed | 12:57 | 12.3 | 12:50 | 13.3 | 6:48  | 1.6 | 7:20  | -0.5 | 5:29                                                                                | 3:51 |  |
| 18   | Thu | 1:36  | 12.1 | 1:20  | 13.0 | 7:22  | 2.1 | 7:55  | -0.3 | 5:31                                                                                | 3:48 |  |
| 19   | Fri | 2:15  | 11.7 | 1:51  | 12.6 | 7:55  | 2.8 | 8:31  | 0.1  | 5:33                                                                                | 3:46 |  |
| 20   | Sat | 2:55  | 11.2 | 2:23  | 12.1 | 8:30  | 3.4 | 9:09  | 0.6  | 5:35                                                                                | 3:43 |  |
| 21   | Sun | 3:40  | 10.7 | 2:59  | 11.6 | 9:07  | 4.0 | 9:52  | 1.2  | 5:38                                                                                | 3:41 |  |
| 22   | Mon | 4:32  | 10.2 | 3:41  | 10.9 | 9:52  | 4.6 | 10:43 | 1.8  | 5:40                                                                                | 3:38 |  |
| 23   | Tue | 5:35  | 9.9  | 4:38  | 10.3 | 10:52 | 5.0 | 11:46 | 2.2  | 5:42                                                                                | 3:36 |  |
| 24   | Wed | 6:48  | 9.9  | 5:55  | 9.9  |       |     | 12:19 | 5.1  | 5:44                                                                                | 3:33 |  |
| 25   | Thu | 7:55  | 10.1 | 7:21  | 9.9  | 12:59 | 2.4 | 1:48  | 4.6  | 5:46                                                                                | 3:31 |  |
| 26   | Fri | 8:47  | 10.7 | 8:34  | 10.2 | 2:05  | 2.2 | 2:51  | 3.8  | 5:48                                                                                | 3:29 |  |
| 27   | Sat | 9:28  | 11.3 | 9:33  | 10.8 | 2:59  | 2.0 | 3:39  | 2.7  | 5:50                                                                                | 3:26 |  |
| 28   | Sun | 10:04 | 12.1 | 10:23 | 11.4 | 3:44  | 1.7 | 4:21  | 1.6  | 5:53                                                                                | 3:24 |  |
| 29   | Mon | 10:38 | 12.8 | 11:08 | 12.0 | 4:25  | 1.4 | 5:00  | 0.5  | 5:55                                                                                | 3:22 |  |
| 30   | Tue | 11:13 | 13.5 | 11:53 | 12.4 | 5:04  | 1.3 | 5:40  | -0.5 | 5:57                                                                                | 3:19 |  |
| 31   | Wed | 11:48 | 14.1 |       |      | 5:43  | 1.4 | 6:21  | -1.2 | 5:59                                                                                | 3:17 |  |