

## Port Protection, Prince of Wales Island, AK - May 1889

| Date |     | High  |      |       |      | Low   |      |       |     |  |      |  |
|------|-----|-------|------|-------|------|-------|------|-------|-----|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM    | ft   | AM    | ft   | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                |
| 1    | Wed | 12:46 | 12.6 | 1:43  | 11.0 | 7:23  | -0.9 | 7:18  | 2.4 | 3:07                                                                                | 6:35 | ☀                                                                                   |
| 2    | Thu | 1:15  | 12.5 | 2:21  | 10.8 | 7:57  | -0.8 | 7:50  | 2.9 | 3:05                                                                                | 6:37 | ☀                                                                                   |
| 3    | Fri | 1:44  | 12.2 | 3:00  | 10.4 | 8:31  | -0.6 | 8:23  | 3.4 | 3:03                                                                                | 6:39 | ☀                                                                                   |
| 4    | Sat | 2:15  | 11.8 | 3:44  | 10.0 | 9:09  | -0.2 | 8:58  | 3.9 | 3:00                                                                                | 6:41 | ☀                                                                                   |
| 5    | Sun | 2:49  | 11.3 | 4:34  | 9.6  | 9:50  | 0.3  | 9:41  | 4.4 | 2:58                                                                                | 6:43 | ☀                                                                                   |
| 6    | Mon | 3:30  | 10.7 | 5:35  | 9.3  | 10:39 | 0.8  | 10:38 | 4.7 | 2:56                                                                                | 6:45 | ☀                                                                                   |
| 7    | Tue | 4:23  | 10.1 | 6:42  | 9.3  | 11:38 | 1.1  |       |     | 2:54                                                                                | 6:47 | ☀                                                                                   |
| 8    | Wed | 5:35  | 9.7  | 7:45  | 9.6  | 12:00 | 4.7  | 12:44 | 1.3 | 2:52                                                                                | 6:49 | ☀                                                                                   |
| 9    | Thu | 6:59  | 9.5  | 8:36  | 10.2 | 1:30  | 4.2  | 1:48  | 1.2 | 2:50                                                                                | 6:51 | ☀                                                                                   |
| 10   | Fri | 8:18  | 9.7  | 9:18  | 10.9 | 2:40  | 3.3  | 2:44  | 1.1 | 2:48                                                                                | 6:53 | ☀                                                                                   |
| 11   | Sat | 9:24  | 10.2 | 9:56  | 11.7 | 3:33  | 2.1  | 3:33  | 1.0 | 2:46                                                                                | 6:55 | ☀                                                                                   |
| 12   | Sun | 10:22 | 10.7 | 10:33 | 12.5 | 4:20  | 0.8  | 4:18  | 0.9 | 2:44                                                                                | 6:57 | ☀                                                                                   |
| 13   | Mon | 11:14 | 11.2 | 11:10 | 13.3 | 5:04  | -0.5 | 5:01  | 1.0 | 2:42                                                                                | 6:59 | ☀                                                                                   |
| 14   | Tue |       |      | 12:04 | 11.7 | 5:47  | -1.6 | 5:44  | 1.2 | 2:40                                                                                | 7:01 | ☀                                                                                   |
| 15   | Wed |       |      | 12:53 | 11.9 | 6:32  | -2.4 | 6:28  | 1.5 | 2:38                                                                                | 7:03 | ☀                                                                                   |
| 16   | Thu | 12:30 | 14.2 | 1:43  | 11.9 | 7:17  | -2.9 | 7:13  | 1.9 | 2:36                                                                                | 7:05 | ☀                                                                                   |
| 17   | Fri | 1:12  | 14.1 | 2:34  | 11.6 | 8:05  | -2.9 | 8:01  | 2.4 | 2:34                                                                                | 7:07 | ☀                                                                                   |
| 18   | Sat | 1:58  | 13.7 | 3:29  | 11.3 | 8:54  | -2.5 | 8:53  | 2.9 | 2:33                                                                                | 7:09 | ☀                                                                                   |
| 19   | Sun | 2:48  | 13.0 | 4:29  | 11.0 | 9:47  | -1.9 | 9:53  | 3.4 | 2:31                                                                                | 7:10 | ☀                                                                                   |
| 20   | Mon | 3:44  | 12.1 | 5:34  | 10.7 | 10:45 | -1.1 | 11:05 | 3.7 | 2:29                                                                                | 7:12 | ☀                                                                                   |
| 21   | Tue | 4:51  | 11.1 | 6:41  | 10.7 | 11:48 | -0.3 |       |     | 2:28                                                                                | 7:14 | ☀                                                                                   |
| 22   | Wed | 6:09  | 10.2 | 7:44  | 10.9 | 12:31 | 3.5  | 12:56 | 0.4 | 2:26                                                                                | 7:16 | ☀                                                                                   |
| 23   | Thu | 7:34  | 9.7  | 8:39  | 11.2 | 1:55  | 2.9  | 2:00  | 0.9 | 2:24                                                                                | 7:17 | ☀                                                                                   |
| 24   | Fri | 8:51  | 9.6  | 9:25  | 11.6 | 3:04  | 2.0  | 2:57  | 1.3 | 2:23                                                                                | 7:19 | ☀                                                                                   |
| 25   | Sat | 9:57  | 9.8  | 10:05 | 11.9 | 3:58  | 1.1  | 3:46  | 1.6 | 2:21                                                                                | 7:21 | ☀                                                                                   |
| 26   | Sun | 10:51 | 10.0 | 10:40 | 12.2 | 4:42  | 0.3  | 4:29  | 2.0 | 2:20                                                                                | 7:22 | ☀                                                                                   |
| 27   | Mon | 11:36 | 10.3 | 11:12 | 12.4 | 5:21  | -0.3 | 5:07  | 2.3 | 2:19                                                                                | 7:24 | ☀                                                                                   |
| 28   | Tue |       |      | 12:17 | 10.5 | 5:56  | -0.8 | 5:44  | 2.6 | 2:17                                                                                | 7:25 | ☀                                                                                   |
| 29   | Wed |       |      | 12:55 | 10.6 | 6:30  | -1.1 | 6:18  | 2.9 | 2:16                                                                                | 7:27 | ☀                                                                                   |
| 30   | Thu | 12:14 | 12.4 | 1:32  | 10.6 | 7:03  | -1.2 | 6:53  | 3.2 | 2:15                                                                                | 7:28 | ☀                                                                                   |
| 31   | Fri | 12:45 | 12.3 | 2:09  | 10.5 | 7:37  | -1.2 | 7:27  | 3.4 | 2:14                                                                                | 7:30 | ☀                                                                                   |