

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

| Date |     | High  |      |          |      | Low   |     |       |      |  |      |    |
|------|-----|-------|------|----------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM       | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Fri | 10:03 | 13.3 | 11:07    | 11.1 | 3:50  | 2.6 | 4:49  | 0.0  | 7:02                                                                                | 2:25 |    |
| 2    | Sat | 10:39 | 13.5 | 11:54    | 11.3 | 4:34  | 3.1 | 5:28  | -0.6 | 7:04                                                                                | 2:24 |    |
| 3    | Sun | 11:14 | 13.6 |          |      | 5:15  | 3.5 | 6:05  | -0.9 | 7:05                                                                                | 2:23 |    |
| 4    | Mon | 12:36 | 11.5 | 11:47 AM | 13.6 | 5:53  | 3.8 | 6:41  | -1.0 | 7:07                                                                                | 2:22 |    |
| 5    | Tue | 1:15  | 11.6 | 12:20    | 13.5 | 6:30  | 4.1 | 7:16  | -0.9 | 7:08                                                                                | 2:21 |    |
| 6    | Wed | 1:53  | 11.5 | 12:54    | 13.2 | 7:07  | 4.4 | 7:52  | -0.6 | 7:10                                                                                | 2:21 |    |
| 7    | Thu | 2:31  | 11.3 | 1:28     | 12.8 | 7:44  | 4.6 | 8:28  | -0.2 | 7:11                                                                                | 2:20 |    |
| 8    | Fri | 3:11  | 11.0 | 2:04     | 12.2 | 8:22  | 4.8 | 9:06  | 0.2  | 7:13                                                                                | 2:19 |    |
| 9    | Sat | 3:54  | 10.8 | 2:43     | 11.6 | 9:05  | 5.0 | 9:47  | 0.7  | 7:14                                                                                | 2:19 |    |
| 10   | Sun | 4:40  | 10.6 | 3:29     | 10.9 | 9:57  | 5.1 | 10:30 | 1.3  | 7:16                                                                                | 2:19 |    |
| 11   | Mon | 5:30  | 10.6 | 4:26     | 10.2 | 11:01 | 5.1 | 11:18 | 1.8  | 7:17                                                                                | 2:18 |    |
| 12   | Tue | 6:19  | 10.7 | 5:39     | 9.6  |       |     | 12:19 | 4.7  | 7:18                                                                                | 2:18 |   |
| 13   | Wed | 7:07  | 11.0 | 7:02     | 9.3  | 12:11 | 2.3 | 1:35  | 3.9  | 7:19                                                                                | 2:18 |  |
| 14   | Thu | 7:51  | 11.5 | 8:23     | 9.5  | 1:07  | 2.8 | 2:36  | 2.9  | 7:20                                                                                | 2:18 |  |
| 15   | Fri | 8:33  | 12.2 | 9:33     | 9.9  | 2:03  | 3.1 | 3:26  | 1.7  | 7:21                                                                                | 2:17 |  |
| 16   | Sat | 9:14  | 12.9 | 10:31    | 10.6 | 2:57  | 3.4 | 4:11  | 0.5  | 7:22                                                                                | 2:18 |  |
| 17   | Sun | 9:56  | 13.6 | 11:23    | 11.2 | 3:47  | 3.6 | 4:55  | -0.7 | 7:23                                                                                | 2:18 |  |
| 18   | Mon | 10:38 | 14.2 |          |      | 4:36  | 3.7 | 5:39  | -1.6 | 7:24                                                                                | 2:18 |  |
| 19   | Tue | 12:11 | 11.7 | 11:23 AM | 14.7 | 5:24  | 3.7 | 6:24  | -2.2 | 7:25                                                                                | 2:18 |  |
| 20   | Wed | 12:58 | 12.0 | 12:09    | 14.9 | 6:12  | 3.7 | 7:10  | -2.5 | 7:25                                                                                | 2:18 |  |
| 21   | Thu | 1:45  | 12.2 | 12:56    | 14.8 | 7:02  | 3.7 | 7:57  | -2.4 | 7:26                                                                                | 2:19 |  |
| 22   | Fri | 2:33  | 12.2 | 1:46     | 14.3 | 7:53  | 3.6 | 8:44  | -2.0 | 7:27                                                                                | 2:19 |  |
| 23   | Sat | 3:22  | 12.2 | 2:38     | 13.5 | 8:49  | 3.6 | 9:33  | -1.3 | 7:27                                                                                | 2:20 |  |
| 24   | Sun | 4:14  | 12.1 | 3:37     | 12.4 | 9:51  | 3.6 | 10:23 | -0.3 | 7:27                                                                                | 2:20 |  |
| 25   | Mon | 5:08  | 12.1 | 4:43     | 11.3 | 11:01 | 3.5 | 11:16 | 0.7  | 7:28                                                                                | 2:21 |  |
| 26   | Tue | 6:02  | 12.2 | 6:01     | 10.3 |       |     | 12:19 | 3.1  | 7:28                                                                                | 2:22 |  |
| 27   | Wed | 6:57  | 12.3 | 7:28     | 9.7  | 12:14 | 1.8 | 1:39  | 2.5  | 7:28                                                                                | 2:22 |  |
| 28   | Thu | 7:50  | 12.5 | 8:55     | 9.7  | 1:16  | 2.8 | 2:48  | 1.6  | 7:28                                                                                | 2:23 |  |
| 29   | Fri | 8:41  | 12.7 | 10:09    | 10.0 | 2:18  | 3.6 | 3:45  | 0.8  | 7:28                                                                                | 2:24 |  |
| 30   | Sat | 9:27  | 12.8 | 11:06    | 10.5 | 3:18  | 4.1 | 4:33  | 0.2  | 7:28                                                                                | 2:25 |  |

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|------|-----|-------|------|-------|------|------|-----|------|------|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM    | ft   | AM   | ft  | PM   | ft   | Rise                                                                               | Set  | Moon                                                                                |
| 31   | Sun | 10:11 | 13.0 | 11:53 | 10.8 | 4:11 | 4.4 | 5:14 | -0.3 | 7:28                                                                               | 2:26 |  |