

## Symonds Bay, Biorka Island, AK - Nov 1854

| Date |     | High  |      |          |      | Low   |     |       |      |  |      |    |
|------|-----|-------|------|----------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM       | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 10:00 | 10.1 | 10:17    | 9.1  | 3:33  | 0.9 | 4:14  | 1.4  | 6:10                                                                                | 3:21 |    |
| 2    | Thu | 10:37 | 10.6 | 11:09    | 9.4  | 4:18  | 1.0 | 4:58  | 0.3  | 6:12                                                                                | 3:19 |    |
| 3    | Fri | 11:11 | 11.1 | 11:55    | 9.6  | 4:58  | 1.4 | 5:38  | -0.5 | 6:15                                                                                | 3:17 |    |
| 4    | Sat | 11:43 | 11.3 |          |      | 5:36  | 1.8 | 6:16  | -1.0 | 6:17                                                                                | 3:14 |    |
| 5    | Sun | 12:38 | 9.6  | 12:14    | 11.3 | 6:12  | 2.4 | 6:52  | -1.1 | 6:19                                                                                | 3:12 |    |
| 6    | Mon | 1:19  | 9.4  | 12:45    | 11.1 | 6:47  | 3.0 | 7:28  | -1.0 | 6:21                                                                                | 3:10 |    |
| 7    | Tue | 2:00  | 9.1  | 1:16     | 10.7 | 7:21  | 3.7 | 8:05  | -0.6 | 6:24                                                                                | 3:08 |    |
| 8    | Wed | 2:42  | 8.7  | 1:48     | 10.2 | 7:56  | 4.2 | 8:43  | 0.0  | 6:26                                                                                | 3:06 |    |
| 9    | Thu | 3:27  | 8.3  | 2:22     | 9.6  | 8:33  | 4.8 | 9:25  | 0.6  | 6:28                                                                                | 3:04 |    |
| 10   | Fri | 4:18  | 7.8  | 3:02     | 8.9  | 9:17  | 5.3 | 10:13 | 1.3  | 6:30                                                                                | 3:02 |    |
| 11   | Sat | 5:20  | 7.5  | 3:54     | 8.1  | 10:15 | 5.6 | 11:11 | 1.8  | 6:32                                                                                | 3:00 |    |
| 12   | Sun | 6:31  | 7.4  | 5:07     | 7.5  | 11:43 | 5.6 |       |      | 6:35                                                                                | 2:58 |   |
| 13   | Mon | 7:35  | 7.7  | 6:36     | 7.2  | 12:18 | 2.2 | 1:21  | 5.2  | 6:37                                                                                | 2:56 |  |
| 14   | Tue | 8:23  | 8.1  | 7:58     | 7.2  | 1:24  | 2.3 | 2:30  | 4.3  | 6:39                                                                                | 2:54 |  |
| 15   | Wed | 9:01  | 8.7  | 9:04     | 7.6  | 2:19  | 2.2 | 3:18  | 3.2  | 6:41                                                                                | 2:52 |  |
| 16   | Thu | 9:33  | 9.4  | 9:59     | 8.1  | 3:05  | 2.2 | 3:58  | 2.0  | 6:43                                                                                | 2:50 |  |
| 17   | Fri | 10:04 | 10.1 | 10:47    | 8.7  | 3:45  | 2.3 | 4:35  | 0.8  | 6:45                                                                                | 2:49 |  |
| 18   | Sat | 10:36 | 10.8 | 11:33    | 9.1  | 4:24  | 2.4 | 5:13  | -0.3 | 6:48                                                                                | 2:47 |  |
| 19   | Sun | 11:09 | 11.5 |          |      | 5:03  | 2.6 | 5:52  | -1.2 | 6:50                                                                                | 2:45 |  |
| 20   | Mon | 12:17 | 9.5  | 11:44 AM | 11.9 | 5:42  | 2.9 | 6:32  | -1.8 | 6:52                                                                                | 2:44 |  |
| 21   | Tue | 1:02  | 9.6  | 12:23    | 12.1 | 6:22  | 3.2 | 7:15  | -2.0 | 6:54                                                                                | 2:42 |  |
| 22   | Wed | 1:49  | 9.6  | 1:04     | 12.0 | 7:05  | 3.6 | 8:01  | -1.9 | 6:56                                                                                | 2:40 |  |
| 23   | Thu | 2:40  | 9.3  | 1:49     | 11.6 | 7:52  | 3.9 | 8:50  | -1.5 | 6:58                                                                                | 2:39 |  |
| 24   | Fri | 3:34  | 9.1  | 2:40     | 10.9 | 8:45  | 4.3 | 9:44  | -0.9 | 7:00                                                                                | 2:37 |  |
| 25   | Sat | 4:35  | 8.8  | 3:40     | 9.9  | 9:49  | 4.6 | 10:43 | -0.1 | 7:02                                                                                | 2:36 |  |
| 26   | Sun | 5:41  | 8.8  | 4:53     | 8.9  | 11:09 | 4.6 | 11:48 | 0.6  | 7:04                                                                                | 2:35 |  |
| 27   | Mon | 6:47  | 9.0  | 6:20     | 8.2  |       |     | 12:41 | 4.1  | 7:06                                                                                | 2:33 |  |
| 28   | Tue | 7:46  | 9.4  | 7:48     | 7.9  | 12:56 | 1.3 | 2:04  | 3.2  | 7:08                                                                                | 2:32 |  |
| 29   | Wed | 8:37  | 9.9  | 9:06     | 7.9  | 1:59  | 1.8 | 3:08  | 2.0  | 7:09                                                                                | 2:31 |  |
| 30   | Thu | 9:21  | 10.4 | 10:11    | 8.2  | 2:55  | 2.2 | 4:00  | 0.9  | 7:11                                                                                | 2:30 |  |