

## Kukak, Kukak Bay, AK - Dec 1882

| Date |     | High  |      |          |      | Low   |     |       |      |  |      |    |
|------|-----|-------|------|----------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM       | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Fri | 6:43  | 11.9 | 6:32     | 10.7 | 12:15 | 1.6 | 12:50 | 4.4  | 8:40                                                                                | 3:32 |    |
| 2    | Sat | 7:37  | 11.4 | 7:41     | 9.8  | 1:06  | 2.8 | 1:58  | 4.7  | 8:41                                                                                | 3:31 |    |
| 3    | Sun | 8:34  | 11.2 | 9:02     | 9.5  | 2:04  | 3.7 | 3:14  | 4.4  | 8:43                                                                                | 3:30 |    |
| 4    | Mon | 9:30  | 11.4 | 10:19    | 9.7  | 3:08  | 4.4 | 4:25  | 3.8  | 8:45                                                                                | 3:29 |    |
| 5    | Tue | 10:20 | 11.8 | 11:20    | 10.3 | 4:11  | 4.6 | 5:19  | 2.8  | 8:47                                                                                | 3:28 |    |
| 6    | Wed | 11:04 | 12.4 |          |      | 5:07  | 4.5 | 6:02  | 1.8  | 8:48                                                                                | 3:28 |    |
| 7    | Thu | 12:09 | 11.1 | 11:44 AM | 13.0 | 5:54  | 4.2 | 6:40  | 0.7  | 8:50                                                                                | 3:27 |    |
| 8    | Fri | 12:52 | 11.9 | 12:23    | 13.7 | 6:36  | 3.8 | 7:16  | -0.2 | 8:51                                                                                | 3:26 |    |
| 9    | Sat | 1:31  | 12.6 | 1:01     | 14.4 | 7:16  | 3.3 | 7:52  | -1.0 | 8:53                                                                                | 3:26 |    |
| 10   | Sun | 2:10  | 13.2 | 1:40     | 14.8 | 7:55  | 2.9 | 8:28  | -1.6 | 8:54                                                                                | 3:25 |    |
| 11   | Mon | 2:48  | 13.7 | 2:19     | 15.1 | 8:35  | 2.5 | 9:05  | -2.0 | 8:55                                                                                | 3:25 |    |
| 12   | Tue | 3:26  | 13.9 | 2:59     | 15.1 | 9:15  | 2.3 | 9:44  | -2.0 | 8:56                                                                                | 3:25 |   |
| 13   | Wed | 4:05  | 14.0 | 3:41     | 14.8 | 9:57  | 2.3 | 10:24 | -1.7 | 8:58                                                                                | 3:24 |  |
| 14   | Thu | 4:46  | 13.9 | 4:27     | 14.1 | 10:43 | 2.4 | 11:07 | -1.0 | 8:59                                                                                | 3:24 |  |
| 15   | Fri | 5:30  | 13.7 | 5:18     | 13.2 | 11:34 | 2.6 | 11:54 | 0.0  | 9:00                                                                                | 3:24 |  |
| 16   | Sat | 6:18  | 13.4 | 6:17     | 12.1 |       |     | 12:31 | 2.7  | 9:01                                                                                | 3:24 |  |
| 17   | Sun | 7:11  | 13.2 | 7:29     | 11.2 | 12:46 | 1.2 | 1:38  | 2.7  | 9:01                                                                                | 3:25 |  |
| 18   | Mon | 8:11  | 13.2 | 8:53     | 10.7 | 1:47  | 2.3 | 2:52  | 2.4  | 9:02                                                                                | 3:25 |  |
| 19   | Tue | 9:14  | 13.4 | 10:17    | 11.0 | 2:56  | 3.2 | 4:08  | 1.5  | 9:03                                                                                | 3:25 |  |
| 20   | Wed | 10:17 | 13.8 | 11:29    | 11.7 | 4:08  | 3.6 | 5:15  | 0.4  | 9:04                                                                                | 3:25 |  |
| 21   | Thu | 11:15 | 14.4 |          |      | 5:15  | 3.5 | 6:12  | -0.7 | 9:04                                                                                | 3:26 |  |
| 22   | Fri | 12:29 | 12.6 | 12:09    | 14.9 | 6:13  | 3.1 | 7:02  | -1.6 | 9:05                                                                                | 3:26 |  |
| 23   | Sat | 1:20  | 13.4 | 12:58    | 15.4 | 7:05  | 2.6 | 7:47  | -2.2 | 9:05                                                                                | 3:27 |  |
| 24   | Sun | 2:06  | 14.0 | 1:44     | 15.6 | 7:52  | 2.2 | 8:28  | -2.5 | 9:05                                                                                | 3:28 |  |
| 25   | Mon | 2:48  | 14.4 | 2:27     | 15.5 | 8:36  | 1.9 | 9:08  | -2.4 | 9:05                                                                                | 3:29 |  |
| 26   | Tue | 3:27  | 14.4 | 3:08     | 15.1 | 9:18  | 1.8 | 9:45  | -1.9 | 9:06                                                                                | 3:29 |  |
| 27   | Wed | 4:05  | 14.3 | 3:48     | 14.4 | 9:59  | 1.9 | 10:22 | -1.2 | 9:06                                                                                | 3:30 |  |
| 28   | Thu | 4:41  | 13.9 | 4:27     | 13.5 | 10:40 | 2.3 | 10:59 | -0.2 | 9:06                                                                                | 3:31 |  |
| 29   | Fri | 5:17  | 13.3 | 5:07     | 12.4 | 11:22 | 2.8 | 11:36 | 1.0  | 9:05                                                                                | 3:32 |  |
| 30   | Sat | 5:53  | 12.7 | 5:52     | 11.2 |       |     | 12:08 | 3.3  | 9:05                                                                                | 3:34 |  |
| 31   | Sun | 6:32  | 12.1 | 6:46     | 10.2 | 12:15 | 2.2 | 12:59 | 3.8  | 9:05                                                                                | 3:35 |  |