

## Kukak, Kukak Bay, AK - Dec 1886

| Date |     | High  |      |          |      | Low   |     |       |      |  |      |    |
|------|-----|-------|------|----------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM       | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 6:04  | 12.1 | 5:37     | 11.5 |       |     | 12:00 | 4.4  | 8:40                                                                                | 3:32 |    |
| 2    | Thu | 6:57  | 11.4 | 6:33     | 10.4 | 12:23 | 2.1 | 12:58 | 5.0  | 8:41                                                                                | 3:31 |    |
| 3    | Fri | 7:55  | 11.0 | 7:45     | 9.7  | 1:17  | 3.1 | 2:09  | 5.2  | 8:43                                                                                | 3:30 |    |
| 4    | Sat | 8:57  | 11.0 | 9:08     | 9.5  | 2:19  | 3.8 | 3:26  | 4.8  | 8:45                                                                                | 3:29 |    |
| 5    | Sun | 9:53  | 11.4 | 10:23    | 9.9  | 3:26  | 4.2 | 4:34  | 3.9  | 8:47                                                                                | 3:28 |    |
| 6    | Mon | 10:40 | 12.0 | 11:21    | 10.6 | 4:28  | 4.1 | 5:25  | 2.8  | 8:48                                                                                | 3:28 |    |
| 7    | Tue | 11:20 | 12.7 |          |      | 5:19  | 3.8 | 6:06  | 1.6  | 8:50                                                                                | 3:27 |    |
| 8    | Wed | 12:09 | 11.5 | 11:58 AM | 13.5 | 6:03  | 3.4 | 6:44  | 0.4  | 8:51                                                                                | 3:26 |    |
| 9    | Thu | 12:52 | 12.4 | 12:35    | 14.3 | 6:45  | 2.9 | 7:21  | -0.7 | 8:53                                                                                | 3:26 |    |
| 10   | Fri | 1:33  | 13.2 | 1:13     | 15.0 | 7:25  | 2.5 | 7:58  | -1.6 | 8:54                                                                                | 3:25 |    |
| 11   | Sat | 2:13  | 13.8 | 1:52     | 15.5 | 8:05  | 2.1 | 8:37  | -2.3 | 8:55                                                                                | 3:25 |    |
| 12   | Sun | 2:53  | 14.2 | 2:32     | 15.7 | 8:45  | 1.9 | 9:16  | -2.5 | 8:56                                                                                | 3:25 |   |
| 13   | Mon | 3:34  | 14.4 | 3:14     | 15.6 | 9:28  | 1.9 | 9:57  | -2.4 | 8:58                                                                                | 3:24 |  |
| 14   | Tue | 4:17  | 14.3 | 3:59     | 15.1 | 10:12 | 2.0 | 10:41 | -1.9 | 8:59                                                                                | 3:24 |  |
| 15   | Wed | 5:03  | 14.0 | 4:48     | 14.2 | 11:01 | 2.4 | 11:29 | -1.0 | 9:00                                                                                | 3:24 |  |
| 16   | Thu | 5:53  | 13.6 | 5:44     | 13.1 | 11:57 | 2.8 |       |      | 9:01                                                                                | 3:24 |  |
| 17   | Fri | 6:48  | 13.2 | 6:50     | 12.0 | 12:22 | 0.1 | 1:01  | 3.1  | 9:01                                                                                | 3:25 |  |
| 18   | Sat | 7:49  | 13.0 | 8:09     | 11.2 | 1:21  | 1.2 | 2:14  | 3.0  | 9:02                                                                                | 3:25 |  |
| 19   | Sun | 8:54  | 13.1 | 9:35     | 11.1 | 2:28  | 2.2 | 3:33  | 2.4  | 9:03                                                                                | 3:25 |  |
| 20   | Mon | 9:58  | 13.4 | 10:52    | 11.5 | 3:39  | 2.8 | 4:46  | 1.4  | 9:04                                                                                | 3:25 |  |
| 21   | Tue | 10:55 | 14.0 | 11:56    | 12.3 | 4:47  | 2.9 | 5:46  | 0.3  | 9:04                                                                                | 3:26 |  |
| 22   | Wed | 11:47 | 14.5 |          |      | 5:46  | 2.8 | 6:37  | -0.8 | 9:05                                                                                | 3:26 |  |
| 23   | Thu | 12:50 | 13.0 | 12:34    | 15.0 | 6:38  | 2.5 | 7:21  | -1.5 | 9:05                                                                                | 3:27 |  |
| 24   | Fri | 1:37  | 13.6 | 1:17     | 15.2 | 7:24  | 2.2 | 8:02  | -2.0 | 9:05                                                                                | 3:28 |  |
| 25   | Sat | 2:20  | 14.1 | 1:58     | 15.3 | 8:07  | 2.0 | 8:41  | -2.1 | 9:05                                                                                | 3:29 |  |
| 26   | Sun | 3:00  | 14.2 | 2:37     | 15.1 | 8:48  | 2.0 | 9:18  | -1.9 | 9:06                                                                                | 3:29 |  |
| 27   | Mon | 3:37  | 14.1 | 3:14     | 14.7 | 9:27  | 2.1 | 9:54  | -1.4 | 9:06                                                                                | 3:30 |  |
| 28   | Tue | 4:14  | 13.8 | 3:51     | 14.0 | 10:06 | 2.4 | 10:30 | -0.7 | 9:06                                                                                | 3:31 |  |
| 29   | Wed | 4:50  | 13.4 | 4:29     | 13.1 | 10:46 | 2.9 | 11:06 | 0.3  | 9:05                                                                                | 3:32 |  |
| 30   | Thu | 5:27  | 12.8 | 5:09     | 12.1 | 11:29 | 3.4 | 11:44 | 1.3  | 9:05                                                                                | 3:34 |  |
| 31   | Fri | 6:07  | 12.2 | 5:55     | 11.0 |       |     | 12:15 | 3.9  | 9:05                                                                                | 3:35 |  |