

## Kukak, Kukak Bay, AK - Nov 1848

| Date |     | High  |      |       |      | Low   |      |       |      |  |      |    |
|------|-----|-------|------|-------|------|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM    | ft   | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 5:16  | 11.7 | 4:46  | 12.2 | 11:09 | 4.3  | 11:36 | 1.7  | 7:31                                                                                | 4:29 |    |
| 2    | Thu | 6:05  | 11.0 | 5:32  | 11.3 | 11:57 | 5.0  |       |      | 7:34                                                                                | 4:27 |    |
| 3    | Fri | 7:06  | 10.5 | 6:35  | 10.5 | 12:27 | 2.5  | 1:00  | 5.5  | 7:36                                                                                | 4:24 |    |
| 4    | Sat | 8:18  | 10.5 | 7:59  | 10.2 | 1:32  | 3.1  | 2:20  | 5.5  | 7:38                                                                                | 4:22 |    |
| 5    | Sun | 9:27  | 11.1 | 9:26  | 10.5 | 2:47  | 3.2  | 3:40  | 4.6  | 7:41                                                                                | 4:20 |    |
| 6    | Mon | 10:23 | 12.1 | 10:38 | 11.5 | 3:59  | 2.8  | 4:46  | 3.1  | 7:43                                                                                | 4:17 |    |
| 7    | Tue | 11:10 | 13.3 | 11:36 | 12.7 | 4:58  | 2.1  | 5:39  | 1.3  | 7:45                                                                                | 4:15 |    |
| 8    | Wed | 11:53 | 14.6 |       |      | 5:49  | 1.3  | 6:25  | -0.5 | 7:48                                                                                | 4:13 |    |
| 9    | Thu | 12:28 | 13.9 | 12:35 | 15.8 | 6:36  | 0.6  | 7:10  | -2.1 | 7:50                                                                                | 4:10 |    |
| 10   | Fri | 1:17  | 14.9 | 1:17  | 16.7 | 7:21  | 0.1  | 7:54  | -3.2 | 7:53                                                                                | 4:08 |    |
| 11   | Sat | 2:04  | 15.6 | 2:00  | 17.2 | 8:06  | -0.1 | 8:38  | -3.8 | 7:55                                                                                | 4:06 |    |
| 12   | Sun | 2:51  | 15.8 | 2:44  | 17.2 | 8:50  | 0.1  | 9:23  | -3.8 | 7:57                                                                                | 4:04 |   |
| 13   | Mon | 3:39  | 15.6 | 3:29  | 16.6 | 9:36  | 0.6  | 10:10 | -3.1 | 8:00                                                                                | 4:02 |  |
| 14   | Tue | 4:28  | 14.9 | 4:16  | 15.6 | 10:25 | 1.4  | 10:59 | -2.0 | 8:02                                                                                | 4:00 |  |
| 15   | Wed | 5:21  | 14.0 | 5:08  | 14.2 | 11:17 | 2.4  | 11:52 | -0.6 | 8:04                                                                                | 3:58 |  |
| 16   | Thu | 6:19  | 13.1 | 6:08  | 12.7 |       |      | 12:18 | 3.4  | 8:07                                                                                | 3:56 |  |
| 17   | Fri | 7:25  | 12.3 | 7:21  | 11.4 | 12:52 | 0.9  | 1:29  | 4.1  | 8:09                                                                                | 3:54 |  |
| 18   | Sat | 8:36  | 12.0 | 8:46  | 10.7 | 2:00  | 2.1  | 2:54  | 4.2  | 8:11                                                                                | 3:52 |  |
| 19   | Sun | 9:45  | 12.1 | 10:09 | 10.7 | 3:15  | 2.8  | 4:17  | 3.6  | 8:13                                                                                | 3:50 |  |
| 20   | Mon | 10:42 | 12.5 | 11:15 | 11.2 | 4:25  | 3.1  | 5:19  | 2.6  | 8:16                                                                                | 3:49 |  |
| 21   | Tue | 11:27 | 12.9 |       |      | 5:20  | 3.0  | 6:05  | 1.6  | 8:18                                                                                | 3:47 |  |
| 22   | Wed | 12:05 | 11.8 | 12:04 | 13.4 | 6:04  | 2.9  | 6:43  | 0.8  | 8:20                                                                                | 3:45 |  |
| 23   | Thu | 12:47 | 12.3 | 12:37 | 13.8 | 6:42  | 2.7  | 7:17  | 0.0  | 8:22                                                                                | 3:44 |  |
| 24   | Fri | 1:25  | 12.8 | 1:08  | 14.2 | 7:17  | 2.5  | 7:49  | -0.5 | 8:24                                                                                | 3:42 |  |
| 25   | Sat | 2:00  | 13.2 | 1:39  | 14.4 | 7:51  | 2.4  | 8:20  | -0.9 | 8:26                                                                                | 3:41 |  |
| 26   | Sun | 2:34  | 13.5 | 2:10  | 14.5 | 8:25  | 2.4  | 8:53  | -1.0 | 8:28                                                                                | 3:39 |  |
| 27   | Mon | 3:09  | 13.5 | 2:43  | 14.4 | 9:00  | 2.6  | 9:26  | -0.9 | 8:31                                                                                | 3:38 |  |
| 28   | Tue | 3:44  | 13.3 | 3:16  | 14.0 | 9:35  | 2.9  | 10:00 | -0.5 | 8:33                                                                                | 3:36 |  |
| 29   | Wed | 4:20  | 13.0 | 3:51  | 13.5 | 10:12 | 3.3  | 10:36 | 0.0  | 8:35                                                                                | 3:35 |  |
| 30   | Thu | 4:59  | 12.5 | 4:29  | 12.8 | 10:52 | 3.8  | 11:15 | 0.7  | 8:36                                                                                | 3:34 |  |