

## Kawaihae, HI - Dec 1891

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |  |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                |
| 1    | Tue | 4:10  | 2.5 | 3:50     | 0.9 | 11:15 | 0.3 | 9:19  | -0.1 | 6:10                                                                                | 5:11 | ●                                                                                   |
| 2    | Wed | 4:45  | 2.6 | 4:28     | 0.8 |       |     | 12:00 | 0.2  | 6:11                                                                                | 5:11 | ●                                                                                   |
| 3    | Thu | 5:24  | 2.6 | 5:09     | 0.7 |       |     | 12:47 | 0.2  | 6:12                                                                                | 5:11 | ●                                                                                   |
| 4    | Fri | 6:06  | 2.5 | 5:57     | 0.7 |       |     | 1:37  | 0.2  | 6:12                                                                                | 5:11 | ●                                                                                   |
| 5    | Sat | 6:52  | 2.5 | 7:02     | 0.6 |       |     | 2:29  | 0.2  | 6:13                                                                                | 5:12 | ◐                                                                                   |
| 6    | Sun | 7:42  | 2.3 | 8:33     | 0.7 |       |     | 3:23  | 0.2  | 6:14                                                                                | 5:12 | ◐                                                                                   |
| 7    | Mon | 8:38  | 2.2 | 10:14    | 0.9 | 1:02  | 0.4 | 4:14  | 0.1  | 6:14                                                                                | 5:12 | ◐                                                                                   |
| 8    | Tue | 9:37  | 2.0 | 11:33    | 1.2 | 2:30  | 0.6 | 4:59  | 0.0  | 6:15                                                                                | 5:12 | ◐                                                                                   |
| 9    | Wed | 10:37 | 1.8 |          |     | 4:22  | 0.7 | 5:39  | -0.1 | 6:15                                                                                | 5:13 | ◐                                                                                   |
| 10   | Thu | 12:31 | 1.6 | 11:36 AM | 1.6 | 6:09  | 0.7 | 6:16  | -0.2 | 6:16                                                                                | 5:13 | ◐                                                                                   |
| 11   | Fri | 1:20  | 2.0 | 12:34    | 1.3 | 7:34  | 0.6 | 6:51  | -0.2 | 6:17                                                                                | 5:13 | ◐                                                                                   |
| 12   | Sat | 2:04  | 2.3 | 1:29     | 1.1 | 8:43  | 0.4 | 7:26  | -0.3 | 6:17                                                                                | 5:14 | ○                                                                                   |
| 13   | Sun | 2:46  | 2.6 | 2:23     | 1.0 | 9:42  | 0.3 | 8:02  | -0.3 | 6:18                                                                                | 5:14 | ○                                                                                   |
| 14   | Mon | 3:27  | 2.7 | 3:13     | 0.9 | 10:36 | 0.2 | 8:39  | -0.3 | 6:18                                                                                | 5:14 | ○                                                                                   |
| 15   | Tue | 4:07  | 2.8 | 4:01     | 0.8 | 11:24 | 0.1 | 9:18  | -0.3 | 6:19                                                                                | 5:15 | ○                                                                                   |
| 16   | Wed | 4:47  | 2.8 | 4:47     | 0.7 |       |     | 12:10 | 0.1  | 6:20                                                                                | 5:15 | ○                                                                                   |
| 17   | Thu | 5:27  | 2.7 | 5:33     | 0.7 |       |     | 12:54 | 0.1  | 6:20                                                                                | 5:16 | ○                                                                                   |
| 18   | Fri | 6:07  | 2.5 | 6:23     | 0.7 |       |     | 1:36  | 0.1  | 6:21                                                                                | 5:16 | ○                                                                                   |
| 19   | Sat | 6:47  | 2.3 | 7:23     | 0.7 |       |     | 2:18  | 0.1  | 6:21                                                                                | 5:16 | ○                                                                                   |
| 20   | Sun | 7:28  | 2.1 | 8:40     | 0.8 | 12:05 | 0.2 | 3:01  | 0.2  | 6:22                                                                                | 5:17 | ○                                                                                   |
| 21   | Mon | 8:10  | 1.9 | 10:07    | 0.9 | 12:56 | 0.5 | 3:43  | 0.2  | 6:22                                                                                | 5:17 | ○                                                                                   |
| 22   | Tue | 8:55  | 1.7 | 11:22    | 1.1 | 2:02  | 0.7 | 4:23  | 0.2  | 6:23                                                                                | 5:18 | ○                                                                                   |
| 23   | Wed | 9:43  | 1.5 |          |     | 3:36  | 0.8 | 5:01  | 0.2  | 6:23                                                                                | 5:18 | ◐                                                                                   |
| 24   | Thu | 12:18 | 1.4 | 10:36 AM | 1.3 | 5:31  | 0.9 | 5:35  | 0.1  | 6:24                                                                                | 5:19 | ◐                                                                                   |
| 25   | Fri | 1:00  | 1.6 | 11:33 AM | 1.1 | 7:08  | 0.8 | 6:07  | 0.1  | 6:24                                                                                | 5:20 | ◐                                                                                   |
| 26   | Sat | 1:36  | 1.9 | 12:29    | 1.0 | 8:15  | 0.6 | 6:40  | 0.0  | 6:25                                                                                | 5:20 | ◐                                                                                   |
| 27   | Sun | 2:10  | 2.1 | 1:23     | 0.8 | 9:07  | 0.5 | 7:13  | -0.1 | 6:25                                                                                | 5:21 | ◐                                                                                   |
| 28   | Mon | 2:44  | 2.3 | 2:13     | 0.8 | 9:50  | 0.3 | 7:48  | -0.2 | 6:25                                                                                | 5:21 | ◐                                                                                   |
| 29   | Tue | 3:19  | 2.4 | 2:58     | 0.7 | 10:31 | 0.2 | 8:25  | -0.2 | 6:26                                                                                | 5:22 | ◐                                                                                   |
| 30   | Wed | 3:55  | 2.5 | 3:41     | 0.7 | 11:10 | 0.1 | 9:04  | -0.3 | 6:26                                                                                | 5:22 | ◐                                                                                   |
| 31   | Thu | 4:33  | 2.6 | 4:23     | 0.7 | 11:50 | 0.1 | 9:43  | -0.3 | 6:27                                                                                | 5:23 | ●                                                                                   |