

## Kawaihae, HI - Jan 1890

| Date |     | High  |     |          |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 1:40  | 2.0 | 12:48    | 0.9 | 8:38  | 0.6  | 6:43  | -0.1 | 6:27                                                                                | 5:24 |    |
| 2    | Thu | 2:18  | 2.2 | 1:43     | 0.8 | 9:29  | 0.4  | 7:18  | -0.1 | 6:27                                                                                | 5:25 |    |
| 3    | Fri | 2:53  | 2.3 | 2:30     | 0.7 | 10:09 | 0.3  | 7:52  | -0.1 | 6:28                                                                                | 5:25 |    |
| 4    | Sat | 3:26  | 2.3 | 3:12     | 0.7 | 10:43 | 0.2  | 8:28  | -0.1 | 6:28                                                                                | 5:26 |    |
| 5    | Sun | 3:58  | 2.4 | 3:49     | 0.7 | 11:14 | 0.2  | 9:04  | -0.1 | 6:28                                                                                | 5:26 |    |
| 6    | Mon | 4:30  | 2.4 | 4:24     | 0.7 | 11:45 | 0.1  | 9:40  | -0.1 | 6:28                                                                                | 5:27 |    |
| 7    | Tue | 5:01  | 2.4 | 4:59     | 0.7 |       |      | 12:16 | 0.1  | 6:29                                                                                | 5:28 |    |
| 8    | Wed | 5:33  | 2.3 | 5:36     | 0.8 |       |      | 12:47 | 0.1  | 6:29                                                                                | 5:28 |    |
| 9    | Thu | 6:05  | 2.2 | 6:18     | 0.8 |       |      | 1:19  | 0.1  | 6:29                                                                                | 5:29 |    |
| 10   | Fri | 6:36  | 2.1 | 7:10     | 0.8 |       |      | 1:51  | 0.1  | 6:29                                                                                | 5:30 |    |
| 11   | Sat | 7:10  | 1.9 | 8:16     | 0.9 | 12:13 | 0.3  | 2:24  | 0.1  | 6:29                                                                                | 5:30 |    |
| 12   | Sun | 7:46  | 1.7 | 9:34     | 1.1 | 1:08  | 0.5  | 3:00  | 0.1  | 6:29                                                                                | 5:31 |   |
| 13   | Mon | 8:28  | 1.5 | 10:50    | 1.4 | 2:25  | 0.7  | 3:39  | 0.0  | 6:29                                                                                | 5:32 |  |
| 14   | Tue | 9:22  | 1.2 | 11:53    | 1.7 | 4:15  | 0.8  | 4:23  | 0.0  | 6:29                                                                                | 5:32 |  |
| 15   | Wed | 10:32 | 1.0 |          |     | 6:17  | 0.7  | 5:11  | -0.1 | 6:30                                                                                | 5:33 |  |
| 16   | Thu | 12:48 | 2.0 | 11:51 AM | 0.8 | 7:45  | 0.5  | 6:02  | -0.2 | 6:30                                                                                | 5:34 |  |
| 17   | Fri | 1:38  | 2.3 | 1:06     | 0.7 | 8:46  | 0.3  | 6:54  | -0.3 | 6:30                                                                                | 5:34 |  |
| 18   | Sat | 2:25  | 2.5 | 2:11     | 0.7 | 9:36  | 0.1  | 7:45  | -0.4 | 6:30                                                                                | 5:35 |  |
| 19   | Sun | 3:11  | 2.7 | 3:08     | 0.8 | 10:21 | -0.1 | 8:35  | -0.5 | 6:29                                                                                | 5:36 |  |
| 20   | Mon | 3:56  | 2.8 | 4:00     | 0.8 | 11:04 | -0.2 | 9:25  | -0.5 | 6:29                                                                                | 5:36 |  |
| 21   | Tue | 4:40  | 2.8 | 4:51     | 0.9 | 11:45 | -0.2 | 10:16 | -0.4 | 6:29                                                                                | 5:37 |  |
| 22   | Wed | 5:23  | 2.7 | 5:42     | 1.0 |       |      | 12:25 | -0.2 | 6:29                                                                                | 5:38 |  |
| 23   | Thu | 6:05  | 2.5 | 6:37     | 1.1 |       |      | 1:04  | -0.2 | 6:29                                                                                | 5:38 |  |
| 24   | Fri | 6:46  | 2.2 | 7:37     | 1.1 |       |      | 1:41  | -0.2 | 6:29                                                                                | 5:39 |  |
| 25   | Sat | 7:27  | 1.9 | 8:46     | 1.3 | 12:56 | 0.2  | 2:19  | -0.1 | 6:29                                                                                | 5:39 |  |
| 26   | Sun | 8:08  | 1.6 | 10:01    | 1.4 | 2:03  | 0.5  | 2:57  | -0.1 | 6:29                                                                                | 5:40 |  |
| 27   | Mon | 8:54  | 1.2 | 11:14    | 1.6 | 3:34  | 0.7  | 3:38  | 0.0  | 6:28                                                                                | 5:41 |  |
| 28   | Tue | 9:52  | 0.9 |          |     | 5:46  | 0.7  | 4:23  | 0.0  | 6:28                                                                                | 5:41 |  |
| 29   | Wed | 12:17 | 1.7 | 11:12 AM | 0.7 | 7:46  | 0.6  | 5:13  | 0.0  | 6:28                                                                                | 5:42 |  |
| 30   | Thu | 1:09  | 1.9 | 12:34    | 0.6 | 8:48  | 0.4  | 6:04  | 0.0  | 6:28                                                                                | 5:43 |  |
| 31   | Fri | 1:53  | 2.0 | 1:39     | 0.6 | 9:26  | 0.3  | 6:53  | 0.0  | 6:27                                                                                | 5:43 |  |