

## Hilo, Hilo Bay, Kuhio Bay, HI - Jul 1863

| Date |     | High  |     |       |     | Low   |      |          |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 2:37  | 1.5 | 3:57  | 3.2 | 8:43  | -0.6 | 10:35    | 0.4 | 5:13                                                                                | 6:31 |    |
| 2    | Thu | 3:29  | 1.5 | 4:40  | 3.1 | 9:30  | -0.5 | 11:19    | 0.3 | 5:13                                                                                | 6:31 |    |
| 3    | Fri | 4:24  | 1.6 | 5:21  | 3.0 | 10:20 | -0.3 |          |     | 5:13                                                                                | 6:31 |    |
| 4    | Sat | 5:23  | 1.6 | 6:01  | 2.7 | 12:02 | 0.3  | 11:11 AM | 0.1 | 5:14                                                                                | 6:31 |    |
| 5    | Sun | 6:26  | 1.6 | 6:40  | 2.4 | 12:44 | 0.2  | 12:04    | 0.4 | 5:14                                                                                | 6:31 |    |
| 6    | Mon | 7:40  | 1.6 | 7:18  | 2.1 | 1:28  | 0.2  | 1:03     | 0.8 | 5:14                                                                                | 6:31 |    |
| 7    | Tue | 9:16  | 1.7 | 8:01  | 1.8 | 2:17  | 0.2  | 2:27     | 1.1 | 5:15                                                                                | 6:31 |    |
| 8    | Wed | 10:46 | 1.9 | 8:56  | 1.5 | 3:10  | 0.2  | 4:30     | 1.3 | 5:15                                                                                | 6:31 |    |
| 9    | Thu | 11:58 | 2.1 | 10:01 | 1.3 | 4:04  | 0.1  | 6:34     | 1.2 | 5:15                                                                                | 6:31 |    |
| 10   | Fri |       |     | 12:52 | 2.3 | 4:54  | 0.1  | 7:43     | 1.0 | 5:16                                                                                | 6:31 |    |
| 11   | Sat |       |     | 1:31  | 2.4 | 5:41  | 0.0  | 8:18     | 0.9 | 5:16                                                                                | 6:31 |    |
| 12   | Sun | 12:06 | 1.2 | 2:03  | 2.5 | 6:25  | -0.1 | 8:44     | 0.8 | 5:16                                                                                | 6:31 |   |
| 13   | Mon | 12:59 | 1.3 | 2:32  | 2.6 | 7:06  | -0.2 | 9:09     | 0.7 | 5:17                                                                                | 6:31 |  |
| 14   | Tue | 1:43  | 1.3 | 3:01  | 2.7 | 7:44  | -0.2 | 9:36     | 0.6 | 5:17                                                                                | 6:31 |  |
| 15   | Wed | 2:21  | 1.4 | 3:30  | 2.7 | 8:20  | -0.2 | 10:05    | 0.6 | 5:18                                                                                | 6:30 |  |
| 16   | Thu | 2:58  | 1.4 | 3:59  | 2.7 | 8:54  | -0.2 | 10:35    | 0.5 | 5:18                                                                                | 6:30 |  |
| 17   | Fri | 3:35  | 1.5 | 4:27  | 2.6 | 9:29  | -0.1 | 11:05    | 0.5 | 5:18                                                                                | 6:30 |  |
| 18   | Sat | 4:15  | 1.5 | 4:55  | 2.5 | 10:03 | 0.1  | 11:35    | 0.4 | 5:19                                                                                | 6:30 |  |
| 19   | Sun | 4:56  | 1.5 | 5:21  | 2.4 | 10:39 | 0.3  |          |     | 5:19                                                                                | 6:30 |  |
| 20   | Mon | 5:42  | 1.5 | 5:47  | 2.3 | 12:05 | 0.4  | 11:17 AM | 0.5 | 5:19                                                                                | 6:29 |  |
| 21   | Tue | 6:36  | 1.5 | 6:12  | 2.1 | 12:35 | 0.4  | 12:00    | 0.8 | 5:20                                                                                | 6:29 |  |
| 22   | Wed | 7:49  | 1.6 | 6:40  | 1.9 | 1:11  | 0.3  | 12:58    | 1.1 | 5:20                                                                                | 6:29 |  |
| 23   | Thu | 9:27  | 1.8 | 7:18  | 1.6 | 1:57  | 0.3  | 2:46     | 1.3 | 5:21                                                                                | 6:28 |  |
| 24   | Fri | 10:51 | 2.0 | 8:34  | 1.4 | 2:58  | 0.2  | 4:54     | 1.3 | 5:21                                                                                | 6:28 |  |
| 25   | Sat | 11:57 | 2.3 | 10:13 | 1.4 | 4:03  | 0.1  | 6:30     | 1.1 | 5:21                                                                                | 6:28 |  |
| 26   | Sun |       |     | 12:50 | 2.6 | 5:05  | -0.1 | 7:26     | 0.9 | 5:22                                                                                | 6:27 |  |
| 27   | Mon |       |     | 1:35  | 2.9 | 6:03  | -0.3 | 8:07     | 0.7 | 5:22                                                                                | 6:27 |  |
| 28   | Tue | 12:44 | 1.5 | 2:16  | 3.1 | 6:57  | -0.4 | 8:45     | 0.6 | 5:22                                                                                | 6:27 |  |
| 29   | Wed | 1:42  | 1.6 | 2:56  | 3.2 | 7:47  | -0.5 | 9:23     | 0.4 | 5:23                                                                                | 6:26 |  |
| 30   | Thu | 2:34  | 1.8 | 3:34  | 3.2 | 8:35  | -0.4 | 10:01    | 0.3 | 5:23                                                                                | 6:26 |  |
| 31   | Fri | 3:23  | 1.9 | 4:12  | 3.1 | 9:23  | -0.3 | 10:40    | 0.2 | 5:23                                                                                | 6:25 |  |