

## Hanauma Bay, HI - Nov 1889

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Fri | 10:37 | 2.0 | 11:53    | 1.2 | 3:50  | 0.6 | 6:02  | 0.1  | 6:02                                                                                | 5:23 |    |
| 2    | Sat | 11:29 | 1.9 |          |     | 5:14  | 0.5 | 6:33  | 0.1  | 6:03                                                                                | 5:22 |    |
| 3    | Sun | 12:36 | 1.4 | 12:15    | 1.8 | 6:22  | 0.5 | 7:01  | 0.0  | 6:03                                                                                | 5:22 |    |
| 4    | Mon | 1:14  | 1.7 | 12:55    | 1.6 | 7:20  | 0.5 | 7:26  | 0.0  | 6:04                                                                                | 5:21 |    |
| 5    | Tue | 1:51  | 1.9 | 1:32     | 1.5 | 8:12  | 0.4 | 7:51  | 0.0  | 6:04                                                                                | 5:21 |    |
| 6    | Wed | 2:25  | 2.0 | 2:07     | 1.3 | 9:00  | 0.4 | 8:15  | 0.0  | 6:05                                                                                | 5:20 |    |
| 7    | Thu | 3:00  | 2.1 | 2:40     | 1.2 | 9:47  | 0.4 | 8:39  | 0.0  | 6:05                                                                                | 5:20 |    |
| 8    | Fri | 3:33  | 2.2 | 3:13     | 1.0 | 10:34 | 0.4 | 9:04  | 0.0  | 6:06                                                                                | 5:20 |    |
| 9    | Sat | 4:08  | 2.2 | 3:47     | 0.9 | 11:22 | 0.4 | 9:30  | 0.1  | 6:07                                                                                | 5:19 |    |
| 10   | Sun | 4:44  | 2.1 | 4:23     | 0.8 |       |     | 12:13 | 0.4  | 6:07                                                                                | 5:19 |    |
| 11   | Mon | 5:23  | 2.0 | 5:07     | 0.7 |       |     | 1:11  | 0.4  | 6:08                                                                                | 5:18 |    |
| 12   | Tue | 6:08  | 1.9 | 6:19     | 0.6 |       |     | 2:17  | 0.4  | 6:08                                                                                | 5:18 |   |
| 13   | Wed | 7:01  | 1.8 | 8:24     | 0.6 |       |     | 3:24  | 0.4  | 6:09                                                                                | 5:18 |  |
| 14   | Thu | 8:01  | 1.7 | 10:10    | 0.7 |       |     | 4:18  | 0.3  | 6:10                                                                                | 5:18 |  |
| 15   | Fri | 9:03  | 1.7 | 11:05    | 0.9 | 1:31  | 0.6 | 4:58  | 0.2  | 6:10                                                                                | 5:17 |  |
| 16   | Sat | 9:59  | 1.7 | 11:42    | 1.1 | 3:22  | 0.7 | 5:29  | 0.2  | 6:11                                                                                | 5:17 |  |
| 17   | Sun | 10:48 | 1.6 |          |     | 4:46  | 0.7 | 5:57  | 0.1  | 6:11                                                                                | 5:17 |  |
| 18   | Mon | 12:16 | 1.3 | 11:33 AM | 1.6 | 5:54  | 0.6 | 6:24  | 0.0  | 6:12                                                                                | 5:17 |  |
| 19   | Tue | 12:50 | 1.6 | 12:14    | 1.5 | 6:53  | 0.5 | 6:50  | -0.1 | 6:13                                                                                | 5:16 |  |
| 20   | Wed | 1:25  | 1.9 | 12:56    | 1.4 | 7:50  | 0.4 | 7:18  | -0.1 | 6:13                                                                                | 5:16 |  |
| 21   | Thu | 2:03  | 2.1 | 1:38     | 1.2 | 8:45  | 0.3 | 7:48  | -0.2 | 6:14                                                                                | 5:16 |  |
| 22   | Fri | 2:43  | 2.3 | 2:21     | 1.1 | 9:41  | 0.3 | 8:21  | -0.2 | 6:15                                                                                | 5:16 |  |
| 23   | Sat | 3:26  | 2.5 | 3:06     | 0.9 | 10:37 | 0.2 | 8:56  | -0.2 | 6:15                                                                                | 5:16 |  |
| 24   | Sun | 4:11  | 2.5 | 3:56     | 0.8 | 11:36 | 0.2 | 9:35  | -0.2 | 6:16                                                                                | 5:16 |  |
| 25   | Mon | 5:00  | 2.5 | 4:54     | 0.7 |       |     | 12:39 | 0.2  | 6:17                                                                                | 5:16 |  |
| 26   | Tue | 5:53  | 2.4 | 6:09     | 0.6 |       |     | 1:44  | 0.2  | 6:17                                                                                | 5:16 |  |
| 27   | Wed | 6:50  | 2.2 | 7:46     | 0.6 |       |     | 2:49  | 0.1  | 6:18                                                                                | 5:16 |  |
| 28   | Thu | 7:51  | 2.1 | 9:27     | 0.8 | 12:15 | 0.3 | 3:47  | 0.1  | 6:19                                                                                | 5:16 |  |
| 29   | Fri | 8:54  | 1.9 | 10:45    | 1.0 | 1:51  | 0.5 | 4:34  | 0.1  | 6:19                                                                                | 5:16 |  |
| 30   | Sat | 9:55  | 1.7 | 11:39    | 1.3 | 3:38  | 0.7 | 5:13  | 0.0  | 6:20                                                                                | 5:16 |  |