

## Waimea Bay, HI - Jun 1889

| Date |     | High  |     |       |     | Low   |      |          |      |  |      |  |
|------|-----|-------|-----|-------|-----|-------|------|----------|------|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft   | Rise                                                                                | Set  | Moon                                                                                |
| 1    | Sat | 4:34  | 0.4 | 6:08  | 1.6 | 1:05  | 0.3  | 10:25 AM | -0.1 | 5:23                                                                                | 6:46 | ●                                                                                   |
| 2    | Sun | 5:12  | 0.4 | 6:48  | 1.6 | 1:59  | 0.3  | 10:56 AM | 0.0  | 5:23                                                                                | 6:47 | ◐                                                                                   |
| 3    | Mon | 6:07  | 0.4 | 7:32  | 1.5 | 3:01  | 0.3  | 11:29 AM | 0.1  | 5:22                                                                                | 6:47 | ◐                                                                                   |
| 4    | Tue | 7:36  | 0.4 | 8:19  | 1.4 | 4:00  | 0.3  | 12:10    | 0.2  | 5:22                                                                                | 6:48 | ◐                                                                                   |
| 5    | Wed | 9:33  | 0.5 | 9:10  | 1.3 | 4:43  | 0.3  | 1:13     | 0.4  | 5:22                                                                                | 6:48 | ◐                                                                                   |
| 6    | Thu | 11:11 | 0.6 | 10:02 | 1.3 | 5:14  | 0.2  | 3:04     | 0.5  | 5:22                                                                                | 6:48 | ◐                                                                                   |
| 7    | Fri |       |     | 12:12 | 0.9 | 5:41  | 0.1  | 5:03     | 0.6  | 5:22                                                                                | 6:49 | ◐                                                                                   |
| 8    | Sat |       |     | 12:57 | 1.1 | 6:08  | 0.0  | 6:36     | 0.6  | 5:22                                                                                | 6:49 | ◐                                                                                   |
| 9    | Sun |       |     | 1:39  | 1.4 | 6:36  | -0.1 | 7:51     | 0.5  | 5:22                                                                                | 6:49 | ◐                                                                                   |
| 10   | Mon | 12:32 | 0.9 | 2:20  | 1.7 | 7:08  | -0.2 | 8:56     | 0.5  | 5:22                                                                                | 6:50 | ○                                                                                   |
| 11   | Tue | 1:20  | 0.8 | 3:03  | 1.9 | 7:42  | -0.3 | 9:56     | 0.4  | 5:23                                                                                | 6:50 | ○                                                                                   |
| 12   | Wed | 2:08  | 0.7 | 3:47  | 2.0 | 8:19  | -0.4 | 10:52    | 0.3  | 5:23                                                                                | 6:50 | ○                                                                                   |
| 13   | Thu | 2:57  | 0.6 | 4:32  | 2.1 | 8:59  | -0.4 | 11:48    | 0.3  | 5:23                                                                                | 6:51 | ○                                                                                   |
| 14   | Fri | 3:48  | 0.6 | 5:18  | 2.1 | 9:41  | -0.4 |          |      | 5:23                                                                                | 6:51 | ○                                                                                   |
| 15   | Sat | 4:43  | 0.5 | 6:05  | 2.0 | 12:43 | 0.3  | 10:25 AM | -0.3 | 5:23                                                                                | 6:51 | ○                                                                                   |
| 16   | Sun | 5:44  | 0.5 | 6:54  | 1.9 | 1:39  | 0.3  | 11:11 AM | -0.1 | 5:23                                                                                | 6:52 | ○                                                                                   |
| 17   | Mon | 6:57  | 0.5 | 7:43  | 1.8 | 2:35  | 0.2  | 12:01    | 0.1  | 5:23                                                                                | 6:52 | ○                                                                                   |
| 18   | Tue | 8:26  | 0.6 | 8:33  | 1.6 | 3:29  | 0.2  | 1:00     | 0.3  | 5:23                                                                                | 6:52 | ○                                                                                   |
| 19   | Wed | 10:06 | 0.7 | 9:25  | 1.4 | 4:17  | 0.2  | 2:24     | 0.5  | 5:24                                                                                | 6:52 | ○                                                                                   |
| 20   | Thu | 11:34 | 0.9 | 10:17 | 1.2 | 4:58  | 0.1  | 4:22     | 0.7  | 5:24                                                                                | 6:53 | ◐                                                                                   |
| 21   | Fri |       |     | 12:36 | 1.1 | 5:33  | 0.1  | 6:16     | 0.7  | 5:24                                                                                | 6:53 | ◐                                                                                   |
| 22   | Sat |       |     | 1:21  | 1.3 | 6:05  | 0.0  | 7:45     | 0.7  | 5:24                                                                                | 6:53 | ◐                                                                                   |
| 23   | Sun |       |     | 1:59  | 1.5 | 6:35  | 0.0  | 8:51     | 0.6  | 5:25                                                                                | 6:53 | ◐                                                                                   |
| 24   | Mon | 12:43 | 0.8 | 2:32  | 1.6 | 7:04  | -0.1 | 9:41     | 0.5  | 5:25                                                                                | 6:53 | ◐                                                                                   |
| 25   | Tue | 1:24  | 0.7 | 3:04  | 1.7 | 7:33  | -0.1 | 10:22    | 0.5  | 5:25                                                                                | 6:53 | ◐                                                                                   |
| 26   | Wed | 2:02  | 0.6 | 3:35  | 1.8 | 8:04  | -0.1 | 10:57    | 0.4  | 5:25                                                                                | 6:54 | ◐                                                                                   |
| 27   | Thu | 2:38  | 0.6 | 4:07  | 1.8 | 8:35  | -0.1 | 11:30    | 0.4  | 5:26                                                                                | 6:54 | ◐                                                                                   |
| 28   | Fri | 3:14  | 0.6 | 4:40  | 1.8 | 9:07  | -0.1 |          |      | 5:26                                                                                | 6:54 | ●                                                                                   |
| 29   | Sat | 3:50  | 0.5 | 5:13  | 1.8 | 12:04 | 0.4  | 9:39 AM  | -0.1 | 5:26                                                                                | 6:54 | ●                                                                                   |

| Date |     | High |     |      |     | Low   |     |          |      |  |      |   |
|------|-----|------|-----|------|-----|-------|-----|----------|------|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM   | ft  | AM    | ft  | PM       | ft   | Rise                                                                               | Set  | Moon                                                                                |
| 30   | Sun | 4:28 | 0.5 | 5:47 | 1.8 | 12:40 | 0.4 | 10:12 AM | -0.1 | 5:27                                                                               | 6:54 |  |