

## Waimanalo, HI - Jan 1849

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

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|------|-----|------|-----|-------|-----|------|-----|------|-----|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM    | ft  | AM   | ft  | PM   | ft  | Rise                                                                               | Set  | Moon                                                                                |
| 30   | Tue | 6:15 | 1.5 | 9:06  | 1.1 |      |     | 1:40 | 0.1 | 6:37                                                                               | 5:48 |  |
| 31   | Wed | 6:42 | 1.3 | 11:06 | 1.4 | 1:14 | 0.8 | 2:45 | 0.1 | 6:37                                                                               | 5:49 |  |