

## Makena, HI - Dec 1858

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

| Date |     | High |     |       |     | Low  |     |      |      |  |      |   |
|------|-----|------|-----|-------|-----|------|-----|------|------|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM    | ft  | AM   | ft  | PM   | ft   | Rise                                                                               | Set  | Moon                                                                                |
| 31   | Fri | 2:42 | 1.7 | 12:04 | 0.8 | 9:32 | 0.6 | 7:03 | -0.1 | 6:30                                                                               | 5:24 |  |