

## Makena, HI - Dec 2051

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Fri | 3:14  | 1.7 | 2:00     | 1.1 | 9:07  | 0.5 | 8:12  | -0.1 | 6:45                                                                                | 5:44 |    |
| 2    | Sat | 3:43  | 1.8 | 2:31     | 1.1 | 9:43  | 0.4 | 8:41  | -0.2 | 6:46                                                                                | 5:44 |    |
| 3    | Sun | 4:14  | 1.9 | 3:02     | 1.0 | 10:20 | 0.4 | 9:11  | -0.2 | 6:47                                                                                | 5:44 |    |
| 4    | Mon | 4:46  | 1.9 | 3:33     | 1.0 | 10:58 | 0.4 | 9:41  | -0.2 | 6:47                                                                                | 5:44 |    |
| 5    | Tue | 5:19  | 1.9 | 4:05     | 1.0 | 11:39 | 0.5 | 10:13 | -0.1 | 6:48                                                                                | 5:44 |    |
| 6    | Wed | 5:54  | 1.8 | 4:40     | 0.9 |       |     | 12:23 | 0.5  | 6:48                                                                                | 5:44 |    |
| 7    | Thu | 6:31  | 1.7 | 5:23     | 0.9 |       |     | 1:12  | 0.5  | 6:49                                                                                | 5:45 |    |
| 8    | Fri | 7:10  | 1.7 | 6:26     | 0.8 |       |     | 2:08  | 0.4  | 6:50                                                                                | 5:45 |    |
| 9    | Sat | 7:55  | 1.6 | 8:15     | 0.8 | 12:04 | 0.2 | 3:11  | 0.4  | 6:50                                                                                | 5:45 |    |
| 10   | Sun | 8:46  | 1.5 | 10:39    | 0.9 | 1:03  | 0.4 | 4:11  | 0.3  | 6:51                                                                                | 5:45 |    |
| 11   | Mon | 9:43  | 1.4 |          |     | 2:47  | 0.5 | 5:02  | 0.2  | 6:52                                                                                | 5:46 |    |
| 12   | Tue | 12:16 | 1.2 | 10:44 AM | 1.3 | 5:05  | 0.6 | 5:46  | 0.0  | 6:52                                                                                | 5:46 |   |
| 13   | Wed | 1:14  | 1.4 | 11:43 AM | 1.2 | 6:42  | 0.6 | 6:28  | -0.1 | 6:53                                                                                | 5:46 |  |
| 14   | Thu | 2:00  | 1.7 | 12:38    | 1.2 | 7:49  | 0.5 | 7:08  | -0.2 | 6:53                                                                                | 5:47 |  |
| 15   | Fri | 2:43  | 1.9 | 1:28     | 1.1 | 8:44  | 0.5 | 7:49  | -0.3 | 6:54                                                                                | 5:47 |  |
| 16   | Sat | 3:24  | 2.0 | 2:16     | 1.1 | 9:32  | 0.4 | 8:29  | -0.3 | 6:54                                                                                | 5:48 |  |
| 17   | Sun | 4:03  | 2.1 | 3:01     | 1.1 | 10:18 | 0.4 | 9:09  | -0.3 | 6:55                                                                                | 5:48 |  |
| 18   | Mon | 4:43  | 2.1 | 3:44     | 1.0 | 11:02 | 0.4 | 9:49  | -0.3 | 6:56                                                                                | 5:48 |  |
| 19   | Tue | 5:21  | 2.0 | 4:27     | 1.0 | 11:46 | 0.4 | 10:28 | -0.2 | 6:56                                                                                | 5:49 |  |
| 20   | Wed | 5:58  | 1.9 | 5:11     | 0.9 |       |     | 12:30 | 0.4  | 6:57                                                                                | 5:49 |  |
| 21   | Thu | 6:35  | 1.8 | 6:01     | 0.9 |       |     | 1:15  | 0.4  | 6:57                                                                                | 5:50 |  |
| 22   | Fri | 7:10  | 1.6 | 7:07     | 0.8 |       |     | 2:04  | 0.4  | 6:58                                                                                | 5:50 |  |
| 23   | Sat | 7:45  | 1.5 | 8:58     | 0.8 | 12:22 | 0.3 | 2:59  | 0.3  | 6:58                                                                                | 5:51 |  |
| 24   | Sun | 8:21  | 1.3 | 11:34    | 0.9 | 1:07  | 0.5 | 3:57  | 0.3  | 6:58                                                                                | 5:51 |  |
| 25   | Mon | 9:02  | 1.2 |          |     | 2:40  | 0.6 | 4:51  | 0.2  | 6:59                                                                                | 5:52 |  |
| 26   | Tue | 12:59 | 1.1 | 9:57 AM  | 1.0 | 5:28  | 0.7 | 5:36  | 0.1  | 6:59                                                                                | 5:53 |  |
| 27   | Wed | 1:39  | 1.3 | 11:01 AM | 1.0 | 7:09  | 0.6 | 6:13  | 0.1  | 7:00                                                                                | 5:53 |  |
| 28   | Thu | 2:10  | 1.4 | 12:02    | 0.9 | 8:01  | 0.6 | 6:47  | 0.0  | 7:00                                                                                | 5:54 |  |
| 29   | Fri | 2:38  | 1.6 | 12:52    | 0.9 | 8:38  | 0.5 | 7:20  | -0.1 | 7:01                                                                                | 5:54 |  |
| 30   | Sat | 3:06  | 1.7 | 1:36     | 0.9 | 9:10  | 0.5 | 7:53  | -0.2 | 7:01                                                                                | 5:55 |  |

| Date |     | High |     |      |     | Low  |     |      |      |  |      |   |
|------|-----|------|-----|------|-----|------|-----|------|------|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM   | ft  | AM   | ft  | PM   | ft   | Rise                                                                               | Set  | Moon                                                                                |
| 31   | Sun | 3:35 | 1.8 | 2:16 | 1.0 | 9:41 | 0.4 | 8:27 | -0.2 | 7:01                                                                               | 5:55 |  |