




































## Makena, HI - Jan 2018

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|---|------|---|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise  | Set  | Moon  |
| 1    | Mon | 3:53  | 2.1 | 2:47     | 1.0 | 10:08 | 0.4 | 8:58  | -0.4 | 7:02  | 5:56 |    |
| 2    | Tue | 4:34  | 2.1 | 3:33     | 1.0 | 10:55 | 0.4 | 9:41  | -0.4 | 7:02  | 5:57 |    |
| 3    | Wed | 5:16  | 2.1 | 4:20     | 1.0 | 11:41 | 0.4 | 10:24 | -0.3 | 7:02  | 5:58 |    |
| 4    | Thu | 5:57  | 2.0 | 5:08     | 0.9 |       |     | 12:29 | 0.3  | 7:03  | 5:58 |    |
| 5    | Fri | 6:38  | 1.9 | 6:03     | 0.9 |       |     | 1:18  | 0.3  | 7:03  | 5:59 |    |
| 6    | Sat | 7:19  | 1.7 | 7:14     | 0.8 |       |     | 2:10  | 0.3  | 7:03  | 6:00 |    |
| 7    | Sun | 7:59  | 1.5 | 9:04     | 0.8 | 12:35 | 0.2 | 3:07  | 0.3  | 7:03  | 6:00 |    |
| 8    | Mon | 8:40  | 1.3 | 11:25    | 0.9 | 1:31  | 0.4 | 4:06  | 0.2  | 7:03  | 6:01 |    |
| 9    | Tue | 9:24  | 1.2 |          |     | 3:10  | 0.6 | 5:00  | 0.2  | 7:04  | 6:02 |    |
| 10   | Wed | 12:56 | 1.1 | 10:16 AM | 1.0 | 5:44  | 0.6 | 5:45  | 0.1  | 7:04  | 6:02 |    |
| 11   | Thu | 1:45  | 1.3 | 11:17 AM | 0.9 | 7:26  | 0.6 | 6:22  | 0.0  | 7:04  | 6:03 |    |
| 12   | Fri | 2:19  | 1.5 | 12:15    | 0.9 | 8:21  | 0.5 | 6:56  | -0.1 | 7:04  | 6:04 |   |
| 13   | Sat | 2:49  | 1.6 | 1:04     | 0.9 | 8:57  | 0.5 | 7:29  | -0.1 | 7:04  | 6:04 |  |
| 14   | Sun | 3:17  | 1.7 | 1:47     | 0.9 | 9:26  | 0.4 | 8:02  | -0.2 | 7:04  | 6:05 |  |
| 15   | Mon | 3:45  | 1.7 | 2:26     | 0.9 | 9:54  | 0.4 | 8:34  | -0.2 | 7:04  | 6:06 |  |
| 16   | Tue | 4:13  | 1.8 | 3:02     | 0.9 | 10:23 | 0.4 | 9:07  | -0.2 | 7:04  | 6:06 |  |
| 17   | Wed | 4:41  | 1.8 | 3:36     | 0.9 | 10:53 | 0.3 | 9:38  | -0.2 | 7:04  | 6:07 |  |
| 18   | Thu | 5:09  | 1.8 | 4:10     | 0.9 | 11:24 | 0.3 | 10:09 | -0.2 | 7:04  | 6:08 |  |
| 19   | Fri | 5:37  | 1.7 | 4:45     | 0.9 | 11:55 | 0.3 | 10:40 | -0.1 | 7:04  | 6:08 |  |
| 20   | Sat | 6:04  | 1.7 | 5:24     | 0.9 |       |     | 12:28 | 0.3  | 7:04  | 6:09 |  |
| 21   | Sun | 6:31  | 1.6 | 6:12     | 0.9 |       |     | 1:03  | 0.3  | 7:04  | 6:09 |  |
| 22   | Mon | 6:58  | 1.5 | 7:17     | 0.8 |       |     | 1:43  | 0.3  | 7:04  | 6:10 |  |
| 23   | Tue | 7:26  | 1.3 | 9:00     | 0.9 | 12:25 | 0.3 | 2:31  | 0.2  | 7:04  | 6:11 |  |
| 24   | Wed | 8:00  | 1.2 | 11:17    | 1.0 | 1:24  | 0.5 | 3:31  | 0.1  | 7:03  | 6:11 |  |
| 25   | Thu | 8:48  | 1.0 |          |     | 3:43  | 0.6 | 4:37  | 0.1  | 7:03  | 6:12 |  |
| 26   | Fri | 12:48 | 1.3 | 10:09 AM | 0.9 | 6:40  | 0.6 | 5:38  | -0.1 | 7:03  | 6:13 |  |
| 27   | Sat | 1:41  | 1.5 | 11:44 AM | 0.9 | 7:57  | 0.5 | 6:32  | -0.2 | 7:03  | 6:13 |  |
| 28   | Sun | 2:24  | 1.7 | 1:00     | 0.9 | 8:43  | 0.4 | 7:21  | -0.3 | 7:03  | 6:14 |  |
| 29   | Mon | 3:04  | 1.9 | 1:59     | 0.9 | 9:22  | 0.4 | 8:08  | -0.3 | 7:02  | 6:15 |  |
| 30   | Tue | 3:43  | 2.0 | 2:51     | 1.0 | 9:59  | 0.3 | 8:52  | -0.4 | 7:02  | 6:15 |  |

| Date      |     | High        |     |             |     | Low          |     |             |      |  |      |   |
|-----------|-----|-------------|-----|-------------|-----|--------------|-----|-------------|------|--|------|---|
|           |     | AM          | ft  | PM          | ft  | AM           | ft  | PM          | ft   | Rise   | Set  | Moon  |
| <b>31</b> | Wed | <b>4:20</b> | 2.1 | <b>3:38</b> | 1.0 | <b>10:35</b> | 0.3 | <b>9:36</b> | -0.3 | 7:02   | 6:16 |  |