

## Makena, HI - Jul 1858

| Date |     | High  |     |       |     | Low   |      |          |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Thu | 6:10  | 0.8 | 7:19  | 1.6 | 1:44  | 0.4  | 11:42 AM | 0.2  | 5:16                                                                                | 6:38 |    |
| 2    | Fri | 7:27  | 0.8 | 7:43  | 1.5 | 2:19  | 0.3  | 12:20    | 0.3  | 5:17                                                                                | 6:38 |    |
| 3    | Sat | 9:17  | 0.9 | 8:08  | 1.4 | 2:57  | 0.3  | 1:15     | 0.5  | 5:17                                                                                | 6:38 |    |
| 4    | Sun | 11:21 | 1.1 | 8:35  | 1.2 | 3:39  | 0.2  | 3:10     | 0.7  | 5:17                                                                                | 6:39 |    |
| 5    | Mon |       |     | 12:47 | 1.4 | 4:27  | 0.1  | 6:21     | 0.8  | 5:18                                                                                | 6:39 |    |
| 6    | Tue |       |     | 1:42  | 1.7 | 5:18  | -0.1 | 8:25     | 0.7  | 5:18                                                                                | 6:39 |    |
| 7    | Wed |       |     | 2:27  | 1.9 | 6:09  | -0.2 | 9:19     | 0.6  | 5:18                                                                                | 6:38 |    |
| 8    | Thu |       |     | 3:10  | 2.1 | 7:00  | -0.3 | 9:57     | 0.6  | 5:19                                                                                | 6:38 |    |
| 9    | Fri | 1:11  | 0.9 | 3:51  | 2.2 | 7:50  | -0.3 | 10:33    | 0.5  | 5:19                                                                                | 6:38 |    |
| 10   | Sat | 2:18  | 0.9 | 4:32  | 2.3 | 8:38  | -0.4 | 11:09    | 0.5  | 5:20                                                                                | 6:38 |   |
| 11   | Sun | 3:15  | 0.9 | 5:10  | 2.2 | 9:25  | -0.3 | 11:45    | 0.4  | 5:20                                                                                | 6:38 |  |
| 12   | Mon | 4:08  | 1.0 | 5:47  | 2.2 | 10:10 | -0.2 |          |      | 5:20                                                                                | 6:38 |  |
| 13   | Tue | 5:00  | 1.0 | 6:20  | 2.0 | 12:21 | 0.4  | 10:53 AM | -0.1 | 5:21                                                                                | 6:38 |  |
| 14   | Wed | 5:57  | 1.0 | 6:50  | 1.8 | 12:56 | 0.3  | 11:34 AM | 0.1  | 5:21                                                                                | 6:38 |  |
| 15   | Thu | 7:02  | 1.0 | 7:15  | 1.6 | 1:32  | 0.3  | 12:15    | 0.3  | 5:21                                                                                | 6:38 |  |
| 16   | Fri | 8:28  | 1.0 | 7:32  | 1.4 | 2:07  | 0.3  | 1:00     | 0.5  | 5:22                                                                                | 6:37 |  |
| 17   | Sat | 10:28 | 1.1 | 7:37  | 1.3 | 2:45  | 0.2  | 2:08     | 0.7  | 5:22                                                                                | 6:37 |  |
| 18   | Sun |       |     | 12:31 | 1.3 | 3:28  | 0.2  |          |      | 5:23                                                                                | 6:37 |  |
| 19   | Mon |       |     | 1:34  | 1.5 | 4:19  | 0.2  |          |      | 5:23                                                                                | 6:37 |  |
| 20   | Tue |       |     | 2:12  | 1.6 | 5:15  | 0.1  |          |      | 5:23                                                                                | 6:36 |  |
| 21   | Wed |       |     | 2:43  | 1.7 | 6:08  | 0.1  |          |      | 5:24                                                                                | 6:36 |  |
| 22   | Thu |       |     | 3:12  | 1.8 | 6:55  | 0.0  | 10:04    | 0.5  | 5:24                                                                                | 6:36 |  |
| 23   | Fri | 1:07  | 0.8 | 3:40  | 1.9 | 7:36  | -0.1 | 10:13    | 0.5  | 5:25                                                                                | 6:35 |  |
| 24   | Sat | 2:00  | 0.9 | 4:07  | 1.9 | 8:14  | -0.1 | 10:31    | 0.5  | 5:25                                                                                | 6:35 |  |
| 25   | Sun | 2:42  | 0.9 | 4:33  | 2.0 | 8:49  | -0.1 | 10:53    | 0.5  | 5:25                                                                                | 6:35 |  |
| 26   | Mon | 3:21  | 1.0 | 4:58  | 2.0 | 9:22  | -0.1 | 11:17    | 0.4  | 5:26                                                                                | 6:34 |  |
| 27   | Tue | 3:59  | 1.0 | 5:22  | 1.9 | 9:54  | -0.1 | 11:42    | 0.4  | 5:26                                                                                | 6:34 |  |
| 28   | Wed | 4:38  | 1.1 | 5:43  | 1.9 | 10:25 | 0.0  |          |      | 5:26                                                                                | 6:34 |  |
| 29   | Thu | 5:21  | 1.1 | 6:03  | 1.8 | 12:07 | 0.3  | 10:57 AM | 0.1  | 5:27                                                                                | 6:33 |  |
| 30   | Fri | 6:10  | 1.1 | 6:20  | 1.6 | 12:33 | 0.3  | 11:31 AM | 0.3  | 5:27                                                                                | 6:33 |  |

| Date |     | High |     |      |     | Low  |     |       |     |  |      |   |
|------|-----|------|-----|------|-----|------|-----|-------|-----|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM   | ft  | AM   | ft  | PM    | ft  | Rise                                                                               | Set  | Moon                                                                                |
| 31   | Sat | 7:13 | 1.1 | 6:34 | 1.5 | 1:01 | 0.2 | 12:10 | 0.5 | 5:28                                                                               | 6:32 |  |