

## Makena, HI - Sep 1890

| Date |     | High  |     |       |     | Low   |     |       |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft  | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 5:07  | 1.5 | 5:29  | 1.8 | 10:51 | 0.2 | 11:42 | 0.2 | 5:38                                                                                | 6:09 |    |
| 2    | Tue | 5:56  | 1.5 | 5:51  | 1.6 | 11:34 | 0.3 |       |     | 5:38                                                                                | 6:09 |    |
| 3    | Wed | 6:51  | 1.4 | 6:06  | 1.4 | 12:13 | 0.2 | 12:20 | 0.5 | 5:38                                                                                | 6:08 |    |
| 4    | Thu | 8:01  | 1.4 | 6:03  | 1.2 | 12:45 | 0.2 | 1:20  | 0.7 | 5:38                                                                                | 6:07 |    |
| 5    | Fri | 9:49  | 1.4 |       |     | 1:21  | 0.2 |       |     | 5:39                                                                                | 6:06 |    |
| 6    | Sat |       |     | 12:02 | 1.4 | 2:12  | 0.3 |       |     | 5:39                                                                                | 6:05 |    |
| 7    | Sun |       |     | 1:09  | 1.6 | 3:46  | 0.3 |       |     | 5:39                                                                                | 6:04 |    |
| 8    | Mon |       |     | 1:48  | 1.7 | 5:26  | 0.3 | 9:04  | 0.5 | 5:39                                                                                | 6:03 |    |
| 9    | Tue | 12:53 | 0.8 | 2:17  | 1.7 | 6:28  | 0.2 | 8:58  | 0.5 | 5:40                                                                                | 6:02 |    |
| 10   | Wed | 1:35  | 0.9 | 2:42  | 1.8 | 7:12  | 0.1 | 9:03  | 0.4 | 5:40                                                                                | 6:01 |    |
| 11   | Thu | 2:08  | 1.1 | 3:05  | 1.8 | 7:49  | 0.1 | 9:15  | 0.4 | 5:40                                                                                | 6:00 |    |
| 12   | Fri | 2:38  | 1.2 | 3:27  | 1.8 | 8:22  | 0.0 | 9:31  | 0.3 | 5:40                                                                                | 5:59 |   |
| 13   | Sat | 3:08  | 1.3 | 3:49  | 1.8 | 8:54  | 0.0 | 9:49  | 0.3 | 5:41                                                                                | 5:59 |  |
| 14   | Sun | 3:40  | 1.4 | 4:09  | 1.8 | 9:25  | 0.1 | 10:10 | 0.2 | 5:41                                                                                | 5:58 |  |
| 15   | Mon | 4:12  | 1.5 | 4:29  | 1.7 | 9:57  | 0.1 | 10:31 | 0.2 | 5:41                                                                                | 5:57 |  |
| 16   | Tue | 4:47  | 1.5 | 4:47  | 1.6 | 10:30 | 0.3 | 10:53 | 0.2 | 5:41                                                                                | 5:56 |  |
| 17   | Wed | 5:24  | 1.5 | 5:04  | 1.5 | 11:05 | 0.4 | 11:17 | 0.1 | 5:41                                                                                | 5:55 |  |
| 18   | Thu | 6:06  | 1.5 | 5:17  | 1.3 | 11:45 | 0.5 | 11:44 | 0.1 | 5:42                                                                                | 5:54 |  |
| 19   | Fri | 7:01  | 1.5 | 5:25  | 1.2 |       |     | 12:37 | 0.7 | 5:42                                                                                | 5:53 |  |
| 20   | Sat | 8:26  | 1.4 | 4:57  | 1.1 | 12:17 | 0.1 | 2:29  | 0.8 | 5:42                                                                                | 5:52 |  |
| 21   | Sun | 10:41 | 1.5 |       |     | 1:05  | 0.2 |       |     | 5:42                                                                                | 5:51 |  |
| 22   | Mon |       |     | 12:15 | 1.6 | 2:32  | 0.2 |       |     | 5:43                                                                                | 5:50 |  |
| 23   | Tue |       |     | 1:08  | 1.8 | 4:36  | 0.2 | 8:09  | 0.5 | 5:43                                                                                | 5:49 |  |
| 24   | Wed | 12:10 | 0.8 | 1:47  | 1.9 | 6:00  | 0.1 | 8:17  | 0.4 | 5:43                                                                                | 5:48 |  |
| 25   | Thu | 1:17  | 1.0 | 2:22  | 2.0 | 6:59  | 0.0 | 8:36  | 0.3 | 5:43                                                                                | 5:47 |  |
| 26   | Fri | 2:06  | 1.3 | 2:53  | 2.0 | 7:48  | 0.0 | 9:00  | 0.2 | 5:44                                                                                | 5:46 |  |
| 27   | Sat | 2:50  | 1.5 | 3:23  | 2.0 | 8:34  | 0.0 | 9:26  | 0.1 | 5:44                                                                                | 5:45 |  |
| 28   | Sun | 3:33  | 1.6 | 3:51  | 1.9 | 9:17  | 0.1 | 9:53  | 0.1 | 5:44                                                                                | 5:45 |  |
| 29   | Mon | 4:15  | 1.7 | 4:16  | 1.7 | 10:00 | 0.2 | 10:20 | 0.0 | 5:44                                                                                | 5:44 |  |
| 30   | Tue | 4:57  | 1.8 | 4:38  | 1.5 | 10:43 | 0.3 | 10:46 | 0.0 | 5:45                                                                                | 5:43 |  |