

## Makena, HI - Oct 1899

| Date |     | High  |     |       |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sun | 2:02  | 1.3 | 2:13  | 1.6 | 7:33  | 0.2 | 8:17  | 0.2  | 5:46                                                                                | 5:43 |    |
| 2    | Mon | 2:32  | 1.4 | 2:33  | 1.6 | 8:08  | 0.2 | 8:33  | 0.2  | 5:47                                                                                | 5:42 |    |
| 3    | Tue | 3:02  | 1.6 | 2:53  | 1.6 | 8:42  | 0.3 | 8:52  | 0.1  | 5:47                                                                                | 5:42 |    |
| 4    | Wed | 3:33  | 1.7 | 3:13  | 1.5 | 9:16  | 0.3 | 9:13  | 0.0  | 5:47                                                                                | 5:41 |    |
| 5    | Thu | 4:05  | 1.7 | 3:33  | 1.4 | 9:52  | 0.4 | 9:36  | 0.0  | 5:47                                                                                | 5:40 |    |
| 6    | Fri | 4:39  | 1.8 | 3:53  | 1.3 | 10:30 | 0.4 | 10:01 | 0.0  | 5:48                                                                                | 5:39 |    |
| 7    | Sat | 5:16  | 1.8 | 4:11  | 1.2 | 11:10 | 0.5 | 10:29 | 0.0  | 5:48                                                                                | 5:38 |    |
| 8    | Sun | 5:59  | 1.7 | 4:26  | 1.2 | 11:59 | 0.6 | 11:01 | 0.0  | 5:48                                                                                | 5:37 |    |
| 9    | Mon | 6:53  | 1.6 | 4:34  | 1.1 |       |     | 1:10  | 0.7  | 5:49                                                                                | 5:36 |    |
| 10   | Tue | 8:10  | 1.6 |       |     |       |     |       |      | 5:49                                                                                | 5:36 |    |
| 11   | Wed | 9:52  | 1.6 |       |     | 12:30 | 0.2 |       |      | 5:49                                                                                | 5:35 |    |
| 12   | Thu | 11:14 | 1.6 | 10:39 | 0.8 | 1:59  | 0.3 | 6:57  | 0.5  | 5:50                                                                                | 5:34 |   |
| 13   | Fri |       |     | 12:08 | 1.7 | 4:09  | 0.3 | 6:57  | 0.4  | 5:50                                                                                | 5:33 |  |
| 14   | Sat | 12:21 | 1.0 | 12:49 | 1.7 | 5:41  | 0.3 | 7:15  | 0.3  | 5:50                                                                                | 5:32 |  |
| 15   | Sun | 1:17  | 1.3 | 1:24  | 1.7 | 6:46  | 0.3 | 7:37  | 0.1  | 5:51                                                                                | 5:31 |  |
| 16   | Mon | 2:04  | 1.5 | 1:56  | 1.7 | 7:39  | 0.3 | 8:03  | 0.0  | 5:51                                                                                | 5:31 |  |
| 17   | Tue | 2:46  | 1.8 | 2:25  | 1.6 | 8:28  | 0.3 | 8:30  | -0.1 | 5:51                                                                                | 5:30 |  |
| 18   | Wed | 3:27  | 1.9 | 2:54  | 1.5 | 9:15  | 0.4 | 8:59  | -0.1 | 5:52                                                                                | 5:29 |  |
| 19   | Thu | 4:07  | 2.0 | 3:21  | 1.4 | 10:01 | 0.4 | 9:29  | -0.2 | 5:52                                                                                | 5:28 |  |
| 20   | Fri | 4:47  | 2.0 | 3:45  | 1.2 | 10:48 | 0.5 | 9:59  | -0.1 | 5:52                                                                                | 5:28 |  |
| 21   | Sat | 5:28  | 2.0 | 4:06  | 1.1 | 11:38 | 0.6 | 10:30 | -0.1 | 5:53                                                                                | 5:27 |  |
| 22   | Sun | 6:12  | 1.8 | 4:20  | 1.0 |       |     | 12:35 | 0.6  | 5:53                                                                                | 5:26 |  |
| 23   | Mon | 7:02  | 1.7 | 4:08  | 0.9 |       |     | 2:05  | 0.7  | 5:54                                                                                | 5:26 |  |
| 24   | Tue | 8:06  | 1.6 |       |     |       |     |       |      | 5:54                                                                                | 5:25 |  |
| 25   | Wed | 9:31  | 1.5 |       |     | 12:14 | 0.3 |       |      | 5:55                                                                                | 5:24 |  |
| 26   | Thu | 10:50 | 1.4 | 11:54 | 0.7 | 1:24  | 0.4 | 7:12  | 0.5  | 5:55                                                                                | 5:24 |  |
| 27   | Fri | 11:44 | 1.4 |       |     | 3:49  | 0.5 | 6:57  | 0.4  | 5:55                                                                                | 5:23 |  |
| 28   | Sat | 12:49 | 0.9 | 12:20 | 1.4 | 5:28  | 0.5 | 7:01  | 0.3  | 5:56                                                                                | 5:22 |  |
| 29   | Sun | 1:23  | 1.1 | 12:48 | 1.4 | 6:28  | 0.5 | 7:12  | 0.2  | 5:56                                                                                | 5:22 |  |
| 30   | Mon | 1:53  | 1.3 | 1:13  | 1.4 | 7:14  | 0.4 | 7:28  | 0.1  | 5:57                                                                                | 5:21 |  |
| 31   | Tue | 2:22  | 1.5 | 1:37  | 1.4 | 7:55  | 0.4 | 7:47  | 0.0  | 5:57                                                                                | 5:21 |  |