

## Makena, HI - May 2003

| Date |     | High  |     |       |     | Low   |      |          |      |  |      |  |
|------|-----|-------|-----|-------|-----|-------|------|----------|------|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft   | Rise                                                                                | Set  | Moon                                                                                |
| 1    | Thu | 3:08  | 1.1 | 4:22  | 1.7 | 9:12  | -0.2 | 10:19    | 0.3  | 5:55                                                                                | 6:50 | ●                                                                                   |
| 2    | Fri | 3:27  | 1.0 | 4:54  | 1.7 | 9:34  | -0.2 | 10:59    | 0.4  | 5:55                                                                                | 6:50 | ●                                                                                   |
| 3    | Sat | 3:44  | 0.9 | 5:28  | 1.7 | 9:57  | -0.2 | 11:43    | 0.4  | 5:54                                                                                | 6:50 | ●                                                                                   |
| 4    | Sun | 3:57  | 0.9 | 6:07  | 1.6 | 10:22 | -0.2 |          |      | 5:53                                                                                | 6:51 | ●                                                                                   |
| 5    | Mon | 4:04  | 0.8 | 6:53  | 1.5 | 12:35 | 0.5  | 10:48 AM | -0.1 | 5:53                                                                                | 6:51 | ◐                                                                                   |
| 6    | Tue | 3:47  | 0.7 | 7:53  | 1.4 | 1:59  | 0.5  | 11:18 AM | -0.1 | 5:52                                                                                | 6:52 | ◐                                                                                   |
| 7    | Wed |       |     | 9:11  | 1.4 | 11:57 | 0.0  |          |      | 5:52                                                                                | 6:52 | ◐                                                                                   |
| 8    | Thu |       |     | 10:28 | 1.4 |       |      | 12:59    | 0.1  | 5:51                                                                                | 6:52 | ◐                                                                                   |
| 9    | Fri | 10:04 | 0.5 | 11:26 | 1.5 | 7:33  | 0.3  | 3:02     | 0.2  | 5:51                                                                                | 6:53 | ◐                                                                                   |
| 10   | Sat |       |     | 12:14 | 0.7 | 6:51  | 0.3  | 4:58     | 0.3  | 5:50                                                                                | 6:53 | ◐                                                                                   |
| 11   | Sun | 12:10 | 1.5 | 1:10  | 1.0 | 6:59  | 0.1  | 6:16     | 0.3  | 5:50                                                                                | 6:54 | ◐                                                                                   |
| 12   | Mon | 12:48 | 1.5 | 1:56  | 1.3 | 7:18  | 0.0  | 7:19     | 0.3  | 5:49                                                                                | 6:54 | ◐                                                                                   |
| 13   | Tue | 1:23  | 1.4 | 2:40  | 1.6 | 7:43  | -0.1 | 8:16     | 0.3  | 5:49                                                                                | 6:54 | ○                                                                                   |
| 14   | Wed | 1:56  | 1.3 | 3:23  | 1.8 | 8:11  | -0.3 | 9:11     | 0.3  | 5:48                                                                                | 6:55 | ○                                                                                   |
| 15   | Thu | 2:29  | 1.2 | 4:06  | 2.0 | 8:41  | -0.3 | 10:07    | 0.3  | 5:48                                                                                | 6:55 | ○                                                                                   |
| 16   | Fri | 3:02  | 1.1 | 4:51  | 2.0 | 9:14  | -0.4 | 11:06    | 0.4  | 5:48                                                                                | 6:56 | ○                                                                                   |
| 17   | Sat | 3:34  | 1.0 | 5:38  | 2.0 | 9:49  | -0.4 |          |      | 5:47                                                                                | 6:56 | ○                                                                                   |
| 18   | Sun | 4:04  | 0.9 | 6:28  | 1.9 | 12:09 | 0.4  | 10:26 AM | -0.3 | 5:47                                                                                | 6:56 | ○                                                                                   |
| 19   | Mon | 4:30  | 0.7 | 7:24  | 1.8 | 1:23  | 0.5  | 11:04 AM | -0.2 | 5:47                                                                                | 6:57 | ○                                                                                   |
| 20   | Tue | 4:43  | 0.6 | 8:28  | 1.7 | 3:08  | 0.5  | 11:45 AM | -0.1 | 5:46                                                                                | 6:57 | ○                                                                                   |
| 21   | Wed |       |     | 9:37  | 1.5 |       |      | 12:32    | 0.1  | 5:46                                                                                | 6:58 | ○                                                                                   |
| 22   | Thu | 9:11  | 0.5 | 10:40 | 1.4 | 6:22  | 0.3  | 1:44     | 0.3  | 5:46                                                                                | 6:58 | ○                                                                                   |
| 23   | Fri |       |     | 12:00 | 0.6 | 6:23  | 0.3  | 3:47     | 0.4  | 5:45                                                                                | 6:59 | ◐                                                                                   |
| 24   | Sat |       |     | 1:03  | 0.9 | 6:37  | 0.2  | 5:32     | 0.4  | 5:45                                                                                | 6:59 | ◐                                                                                   |
| 25   | Sun | 12:08 | 1.3 | 1:42  | 1.1 | 6:51  | 0.1  | 6:43     | 0.5  | 5:45                                                                                | 6:59 | ◐                                                                                   |
| 26   | Mon | 12:38 | 1.2 | 2:13  | 1.3 | 7:08  | 0.0  | 7:36     | 0.5  | 5:45                                                                                | 7:00 | ◐                                                                                   |
| 27   | Tue | 1:03  | 1.2 | 2:43  | 1.5 | 7:26  | 0.0  | 8:22     | 0.5  | 5:45                                                                                | 7:00 | ◐                                                                                   |
| 28   | Wed | 1:28  | 1.1 | 3:12  | 1.6 | 7:47  | -0.1 | 9:05     | 0.5  | 5:44                                                                                | 7:01 | ◐                                                                                   |
| 29   | Thu | 1:53  | 1.0 | 3:42  | 1.7 | 8:10  | -0.2 | 9:47     | 0.4  | 5:44                                                                                | 7:01 | ◐                                                                                   |
| 30   | Fri | 2:19  | 0.9 | 4:14  | 1.8 | 8:36  | -0.2 | 10:30    | 0.4  | 5:44                                                                                | 7:01 | ◐                                                                                   |

| Date |     | High |     |      |     | Low  |      |       |     |  |      |   |
|------|-----|------|-----|------|-----|------|------|-------|-----|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM   | ft  | AM   | ft   | PM    | ft  | Rise                                                                               | Set  | Moon                                                                                |
| 31   | Sat | 2:45 | 0.9 | 4:47 | 1.8 | 9:03 | -0.2 | 11:14 | 0.5 | 5:44                                                                               | 7:02 |  |