

## Makena, HI - Dec 1989

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Fri | 6:06  | 1.8 | 3:58     | 0.9 |       |     | 12:54 | 0.6  | 6:45                                                                                | 5:44 |    |
| 2    | Sat | 6:48  | 1.8 | 4:32     | 0.8 |       |     | 1:57  | 0.6  | 6:46                                                                                | 5:44 |    |
| 3    | Sun | 7:33  | 1.7 | 5:31     | 0.7 |       |     | 3:06  | 0.5  | 6:47                                                                                | 5:44 |    |
| 4    | Mon | 8:20  | 1.6 | 7:44     | 0.7 |       |     | 4:01  | 0.4  | 6:47                                                                                | 5:44 |    |
| 5    | Tue | 9:07  | 1.6 | 10:32    | 0.8 | 12:52 | 0.3 | 4:39  | 0.3  | 6:48                                                                                | 5:44 |    |
| 6    | Wed | 9:53  | 1.5 |          |     | 2:29  | 0.5 | 5:12  | 0.2  | 6:49                                                                                | 5:44 |    |
| 7    | Thu | 12:13 | 1.1 | 10:40 AM | 1.3 | 4:45  | 0.6 | 5:45  | 0.0  | 6:49                                                                                | 5:45 |    |
| 8    | Fri | 1:12  | 1.4 | 11:26 AM | 1.2 | 6:32  | 0.6 | 6:19  | -0.1 | 6:50                                                                                | 5:45 |    |
| 9    | Sat | 1:59  | 1.7 | 12:12    | 1.1 | 7:50  | 0.6 | 6:56  | -0.2 | 6:50                                                                                | 5:45 |    |
| 10   | Sun | 2:43  | 2.0 | 12:59    | 1.0 | 8:53  | 0.6 | 7:34  | -0.3 | 6:51                                                                                | 5:46 |    |
| 11   | Mon | 3:25  | 2.1 | 1:46     | 1.0 | 9:47  | 0.5 | 8:14  | -0.4 | 6:52                                                                                | 5:46 |    |
| 12   | Tue | 4:07  | 2.2 | 2:31     | 0.9 | 10:38 | 0.5 | 8:55  | -0.4 | 6:52                                                                                | 5:46 |   |
| 13   | Wed | 4:48  | 2.2 | 3:14     | 0.9 | 11:26 | 0.5 | 9:37  | -0.3 | 6:53                                                                                | 5:47 |  |
| 14   | Thu | 5:30  | 2.1 | 3:57     | 0.9 |       |     | 12:13 | 0.5  | 6:53                                                                                | 5:47 |  |
| 15   | Fri | 6:11  | 2.0 | 4:41     | 0.8 |       |     | 1:01  | 0.5  | 6:54                                                                                | 5:47 |  |
| 16   | Sat | 6:51  | 1.8 | 5:31     | 0.8 |       |     | 1:50  | 0.5  | 6:55                                                                                | 5:48 |  |
| 17   | Sun | 7:29  | 1.7 | 6:41     | 0.7 |       |     | 2:41  | 0.4  | 6:55                                                                                | 5:48 |  |
| 18   | Mon | 8:05  | 1.5 | 8:44     | 0.7 | 12:15 | 0.2 | 3:31  | 0.4  | 6:56                                                                                | 5:49 |  |
| 19   | Tue | 8:37  | 1.4 | 11:28    | 0.9 | 12:58 | 0.4 | 4:16  | 0.3  | 6:56                                                                                | 5:49 |  |
| 20   | Wed | 9:08  | 1.2 |          |     | 2:17  | 0.6 | 4:53  | 0.2  | 6:57                                                                                | 5:50 |  |
| 21   | Thu | 12:58 | 1.1 | 9:40 AM  | 1.1 | 5:04  | 0.7 | 5:26  | 0.1  | 6:57                                                                                | 5:50 |  |
| 22   | Fri | 1:39  | 1.3 | 10:22 AM | 1.0 | 7:14  | 0.7 | 5:58  | 0.1  | 6:58                                                                                | 5:51 |  |
| 23   | Sat | 2:10  | 1.5 | 11:17 AM | 0.9 | 8:24  | 0.6 | 6:31  | 0.0  | 6:58                                                                                | 5:51 |  |
| 24   | Sun | 2:40  | 1.6 | 12:14    | 0.8 | 9:05  | 0.6 | 7:05  | -0.1 | 6:59                                                                                | 5:52 |  |
| 25   | Mon | 3:09  | 1.7 | 1:06     | 0.8 | 9:37  | 0.5 | 7:39  | -0.2 | 6:59                                                                                | 5:52 |  |
| 26   | Tue | 3:40  | 1.8 | 1:51     | 0.8 | 10:07 | 0.5 | 8:15  | -0.2 | 7:00                                                                                | 5:53 |  |
| 27   | Wed | 4:12  | 1.9 | 2:32     | 0.8 | 10:38 | 0.5 | 8:50  | -0.3 | 7:00                                                                                | 5:53 |  |
| 28   | Thu | 4:44  | 1.9 | 3:10     | 0.9 | 11:11 | 0.4 | 9:26  | -0.3 | 7:00                                                                                | 5:54 |  |
| 29   | Fri | 5:16  | 1.9 | 3:49     | 0.9 | 11:45 | 0.4 | 10:01 | -0.2 | 7:01                                                                                | 5:54 |  |
| 30   | Sat | 5:48  | 1.9 | 4:32     | 0.9 |       |     | 12:20 | 0.4  | 7:01                                                                                | 5:55 |  |

| Date |     | High |     |      |     | Low |    |       |     |  |      |   |
|------|-----|------|-----|------|-----|-----|----|-------|-----|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM   | ft  | AM  | ft | PM    | ft  | Rise                                                                               | Set  | Moon                                                                                |
| 31   | Sun | 6:20 | 1.9 | 5:23 | 0.9 |     |    | 12:57 | 0.4 | 7:01                                                                               | 5:56 |  |