

## Makena, HI - Jun 1989

| Date |     | High  |     |       |     | Low   |      |          |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Thu | 12:41 | 1.1 | 3:03  | 1.9 | 7:17  | -0.3 | 9:15     | 0.5  | 5:44                                                                                | 7:02 |    |
| 2    | Fri | 1:23  | 1.0 | 3:45  | 2.0 | 7:54  | -0.3 | 10:12    | 0.5  | 5:44                                                                                | 7:03 |    |
| 3    | Sat | 2:06  | 0.9 | 4:27  | 2.1 | 8:32  | -0.4 | 11:06    | 0.5  | 5:44                                                                                | 7:03 |    |
| 4    | Sun | 2:48  | 0.8 | 5:09  | 2.1 | 9:12  | -0.3 | 11:57    | 0.5  | 5:44                                                                                | 7:04 |    |
| 5    | Mon | 3:30  | 0.8 | 5:51  | 2.0 | 9:52  | -0.3 |          |      | 5:44                                                                                | 7:04 |    |
| 6    | Tue | 4:11  | 0.8 | 6:33  | 1.9 | 12:47 | 0.5  | 10:33 AM | -0.2 | 5:44                                                                                | 7:04 |    |
| 7    | Wed | 4:54  | 0.7 | 7:14  | 1.7 | 1:38  | 0.5  | 11:12 AM | -0.1 | 5:44                                                                                | 7:05 |    |
| 8    | Thu | 5:47  | 0.7 | 7:54  | 1.6 | 2:30  | 0.4  | 11:52 AM | 0.1  | 5:44                                                                                | 7:05 |    |
| 9    | Fri | 7:12  | 0.6 | 8:31  | 1.5 | 3:23  | 0.4  | 12:32    | 0.2  | 5:44                                                                                | 7:05 |    |
| 10   | Sat | 9:33  | 0.7 | 9:06  | 1.3 | 4:08  | 0.3  | 1:23     | 0.4  | 5:44                                                                                | 7:06 |    |
| 11   | Sun | 11:49 | 0.8 | 9:39  | 1.2 | 4:44  | 0.3  | 2:57     | 0.6  | 5:44                                                                                | 7:06 |    |
| 12   | Mon |       |     | 1:00  | 1.1 | 5:13  | 0.2  | 5:14     | 0.7  | 5:44                                                                                | 7:06 |   |
| 13   | Tue |       |     | 1:41  | 1.3 | 5:40  | 0.1  | 6:59     | 0.7  | 5:44                                                                                | 7:07 |  |
| 14   | Wed |       |     | 2:13  | 1.5 | 6:08  | 0.0  | 8:10     | 0.6  | 5:44                                                                                | 7:07 |  |
| 15   | Thu |       |     | 2:44  | 1.6 | 6:38  | -0.1 | 9:01     | 0.6  | 5:44                                                                                | 7:07 |  |
| 16   | Fri | 12:20 | 0.9 | 3:16  | 1.8 | 7:11  | -0.1 | 9:43     | 0.5  | 5:45                                                                                | 7:08 |  |
| 17   | Sat | 1:07  | 0.8 | 3:49  | 1.9 | 7:45  | -0.2 | 10:21    | 0.5  | 5:45                                                                                | 7:08 |  |
| 18   | Sun | 1:53  | 0.8 | 4:24  | 1.9 | 8:21  | -0.2 | 10:59    | 0.5  | 5:45                                                                                | 7:08 |  |
| 19   | Mon | 2:36  | 0.8 | 4:59  | 2.0 | 8:59  | -0.3 | 11:37    | 0.5  | 5:45                                                                                | 7:08 |  |
| 20   | Tue | 3:18  | 0.8 | 5:36  | 2.0 | 9:37  | -0.3 |          |      | 5:45                                                                                | 7:09 |  |
| 21   | Wed | 4:01  | 0.8 | 6:12  | 2.0 | 12:17 | 0.5  | 10:16 AM | -0.2 | 5:45                                                                                | 7:09 |  |
| 22   | Thu | 4:50  | 0.8 | 6:48  | 1.9 | 12:57 | 0.4  | 10:55 AM | -0.1 | 5:46                                                                                | 7:09 |  |
| 23   | Fri | 5:49  | 0.8 | 7:22  | 1.8 | 1:38  | 0.4  | 11:37 AM | 0.0  | 5:46                                                                                | 7:09 |  |
| 24   | Sat | 7:09  | 0.8 | 7:56  | 1.7 | 2:20  | 0.3  | 12:23    | 0.2  | 5:46                                                                                | 7:09 |  |
| 25   | Sun | 8:57  | 0.9 | 8:30  | 1.5 | 3:04  | 0.3  | 1:22     | 0.4  | 5:46                                                                                | 7:09 |  |
| 26   | Mon | 11:00 | 1.1 | 9:04  | 1.3 | 3:48  | 0.2  | 3:02     | 0.7  | 5:47                                                                                | 7:10 |  |
| 27   | Tue |       |     | 12:35 | 1.3 | 4:34  | 0.0  | 5:43     | 0.8  | 5:47                                                                                | 7:10 |  |
| 28   | Wed |       |     | 1:36  | 1.6 | 5:21  | -0.1 | 7:56     | 0.7  | 5:47                                                                                | 7:10 |  |
| 29   | Thu |       |     | 2:23  | 1.8 | 6:07  | -0.1 | 9:13     | 0.6  | 5:48                                                                                | 7:10 |  |

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|------|-----|------|----|------|-----|------|------|------|-----|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft | PM   | ft  | AM   | ft   | PM   | ft  | Rise                                                                               | Set  | Moon                                                                                |
| 30   | Fri |      |    | 3:05 | 2.0 | 6:53 | -0.2 | 9:58 | 0.6 | 5:48                                                                               | 7:10 |  |