

## Waimanalo, HI - Dec 1999

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 10:28 | 1.6 |          |     | 3:54  | 0.7 | 5:34  | 0.2  | 6:51                                                                                | 5:47 |    |
| 2    | Thu | 12:32 | 1.4 | 11:05 AM | 1.5 | 5:20  | 0.8 | 5:55  | 0.1  | 6:52                                                                                | 5:47 |    |
| 3    | Fri | 1:09  | 1.6 | 11:34 AM | 1.4 | 6:22  | 0.8 | 6:16  | 0.0  | 6:53                                                                                | 5:48 |    |
| 4    | Sat | 1:40  | 1.8 | 11:58 AM | 1.3 | 7:10  | 0.8 | 6:37  | -0.1 | 6:53                                                                                | 5:48 |    |
| 5    | Sun | 2:08  | 1.9 | 12:22    | 1.3 | 7:52  | 0.8 | 7:00  | -0.1 | 6:54                                                                                | 5:48 |    |
| 6    | Mon | 2:35  | 2.0 | 12:47    | 1.2 | 8:31  | 0.7 | 7:25  | -0.2 | 6:55                                                                                | 5:48 |    |
| 7    | Tue | 3:04  | 2.1 | 1:14     | 1.2 | 9:10  | 0.7 | 7:51  | -0.2 | 6:55                                                                                | 5:48 |    |
| 8    | Wed | 3:34  | 2.1 | 1:42     | 1.1 | 9:51  | 0.7 | 8:19  | -0.2 | 6:56                                                                                | 5:49 |    |
| 9    | Thu | 4:06  | 2.1 | 2:11     | 1.0 | 10:35 | 0.7 | 8:47  | -0.2 | 6:56                                                                                | 5:49 |    |
| 10   | Fri | 4:40  | 2.0 | 2:38     | 1.0 | 11:23 | 0.7 | 9:16  | -0.1 | 6:57                                                                                | 5:49 |   |
| 11   | Sat | 5:16  | 2.0 | 3:05     | 0.9 |       |     | 12:19 | 0.7  | 6:58                                                                                | 5:49 |  |
| 12   | Sun | 5:55  | 1.9 | 3:35     | 0.8 |       |     | 1:25  | 0.7  | 6:58                                                                                | 5:50 |  |
| 13   | Mon | 6:37  | 1.8 | 4:26     | 0.8 |       |     | 2:41  | 0.6  | 6:59                                                                                | 5:50 |  |
| 14   | Tue | 7:23  | 1.7 | 7:06     | 0.7 |       |     | 3:35  | 0.5  | 7:00                                                                                | 5:50 |  |
| 15   | Wed | 8:13  | 1.7 | 10:17    | 0.9 |       |     | 4:07  | 0.4  | 7:00                                                                                | 5:51 |  |
| 16   | Thu | 9:03  | 1.6 | 11:35    | 1.2 | 1:30  | 0.7 | 4:35  | 0.2  | 7:01                                                                                | 5:51 |  |
| 17   | Fri | 9:52  | 1.5 |          |     | 3:52  | 0.8 | 5:06  | 0.1  | 7:01                                                                                | 5:52 |  |
| 18   | Sat | 12:22 | 1.5 | 10:38 AM | 1.4 | 5:31  | 0.8 | 5:38  | -0.1 | 7:02                                                                                | 5:52 |  |
| 19   | Sun | 1:04  | 1.8 | 11:23 AM | 1.4 | 6:41  | 0.8 | 6:13  | -0.3 | 7:02                                                                                | 5:52 |  |
| 20   | Mon | 1:45  | 2.1 | 12:07    | 1.3 | 7:39  | 0.7 | 6:50  | -0.4 | 7:03                                                                                | 5:53 |  |
| 21   | Tue | 2:27  | 2.3 | 12:51    | 1.2 | 8:33  | 0.7 | 7:30  | -0.5 | 7:03                                                                                | 5:53 |  |
| 22   | Wed | 3:10  | 2.4 | 1:36     | 1.2 | 9:26  | 0.7 | 8:11  | -0.5 | 7:04                                                                                | 5:54 |  |
| 23   | Thu | 3:53  | 2.5 | 2:21     | 1.1 | 10:20 | 0.6 | 8:53  | -0.4 | 7:04                                                                                | 5:54 |  |
| 24   | Fri | 4:37  | 2.4 | 3:08     | 1.0 | 11:14 | 0.6 | 9:37  | -0.3 | 7:05                                                                                | 5:55 |  |
| 25   | Sat | 5:21  | 2.3 | 4:00     | 0.9 |       |     | 12:10 | 0.6  | 7:05                                                                                | 5:56 |  |
| 26   | Sun | 6:05  | 2.1 | 5:04     | 0.8 |       |     | 1:08  | 0.5  | 7:06                                                                                | 5:56 |  |
| 27   | Mon | 6:49  | 1.9 | 6:49     | 0.8 |       |     | 2:09  | 0.5  | 7:06                                                                                | 5:57 |  |
| 28   | Tue | 7:33  | 1.7 | 9:38     | 0.9 |       |     | 3:09  | 0.4  | 7:06                                                                                | 5:57 |  |
| 29   | Wed | 8:16  | 1.5 | 11:33    | 1.1 | 1:03  | 0.6 | 3:59  | 0.3  | 7:07                                                                                | 5:58 |  |
| 30   | Thu | 8:59  | 1.4 |          |     | 3:04  | 0.8 | 4:39  | 0.2  | 7:07                                                                                | 5:58 |  |

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|------|-----|-------|-----|---------|-----|------|-----|------|-----|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM      | ft  | AM   | ft  | PM   | ft  | Rise                                                                               | Set  | Moon                                                                                |
| 31   | Fri | 12:30 | 1.4 | 9:42 AM | 1.2 | 5:17 | 0.9 | 5:12 | 0.1 | 7:08                                                                               | 5:59 |  |