

## Waimanalo, HI - Dec 1981

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue | 6:14  | 1.9 |          |     |       |     | 10:24 | 0.1  | 6:52                                                                                | 5:47 |    |
| 2    | Wed | 7:06  | 1.8 |          |     |       |     | 11:06 | 0.3  | 6:52                                                                                | 5:47 |    |
| 3    | Thu | 8:02  | 1.8 | 7:40     | 0.7 |       |     | 4:46  | 0.6  | 6:53                                                                                | 5:48 |    |
| 4    | Fri | 8:58  | 1.7 | 10:39    | 0.9 | 12:14 | 0.5 | 4:45  | 0.4  | 6:54                                                                                | 5:48 |    |
| 5    | Sat | 9:47  | 1.7 | 11:44    | 1.2 | 2:22  | 0.6 | 5:04  | 0.3  | 6:54                                                                                | 5:48 |    |
| 6    | Sun | 10:31 | 1.6 |          |     | 4:21  | 0.7 | 5:29  | 0.1  | 6:55                                                                                | 5:48 |    |
| 7    | Mon | 12:30 | 1.5 | 11:10 AM | 1.5 | 5:43  | 0.7 | 5:58  | -0.1 | 6:56                                                                                | 5:48 |    |
| 8    | Tue | 1:12  | 1.9 | 11:49 AM | 1.5 | 6:47  | 0.7 | 6:30  | -0.3 | 6:56                                                                                | 5:49 |    |
| 9    | Wed | 1:55  | 2.1 | 12:27    | 1.4 | 7:45  | 0.7 | 7:05  | -0.4 | 6:57                                                                                | 5:49 |    |
| 10   | Thu | 2:38  | 2.3 | 1:05     | 1.3 | 8:41  | 0.7 | 7:42  | -0.5 | 6:57                                                                                | 5:49 |    |
| 11   | Fri | 3:21  | 2.5 | 1:44     | 1.2 | 9:38  | 0.7 | 8:22  | -0.5 | 6:58                                                                                | 5:50 |    |
| 12   | Sat | 4:06  | 2.5 | 2:24     | 1.1 | 10:37 | 0.7 | 9:03  | -0.4 | 6:59                                                                                | 5:50 |   |
| 13   | Sun | 4:53  | 2.4 | 3:05     | 1.0 | 11:39 | 0.7 | 9:46  | -0.3 | 6:59                                                                                | 5:50 |  |
| 14   | Mon | 5:40  | 2.3 | 3:50     | 0.9 |       |     | 12:46 | 0.7  | 7:00                                                                                | 5:51 |  |
| 15   | Tue | 6:29  | 2.1 | 4:52     | 0.8 |       |     | 2:00  | 0.6  | 7:00                                                                                | 5:51 |  |
| 16   | Wed | 7:19  | 1.9 | 7:17     | 0.7 |       |     | 3:13  | 0.5  | 7:01                                                                                | 5:51 |  |
| 17   | Thu | 8:09  | 1.8 | 10:24    | 0.9 | 12:09 | 0.4 | 4:04  | 0.4  | 7:01                                                                                | 5:52 |  |
| 18   | Fri | 8:58  | 1.6 | 11:53    | 1.1 | 1:31  | 0.7 | 4:39  | 0.3  | 7:02                                                                                | 5:52 |  |
| 19   | Sat | 9:41  | 1.4 |          |     | 3:35  | 0.8 | 5:07  | 0.2  | 7:03                                                                                | 5:53 |  |
| 20   | Sun | 12:39 | 1.4 | 10:19 AM | 1.3 | 5:22  | 0.9 | 5:32  | 0.1  | 7:03                                                                                | 5:53 |  |
| 21   | Mon | 1:12  | 1.6 | 10:52 AM | 1.2 | 6:32  | 0.8 | 5:56  | 0.0  | 7:04                                                                                | 5:54 |  |
| 22   | Tue | 1:40  | 1.8 | 11:23 AM | 1.2 | 7:23  | 0.8 | 6:20  | -0.1 | 7:04                                                                                | 5:54 |  |
| 23   | Wed | 2:06  | 1.9 | 11:55 AM | 1.1 | 8:03  | 0.8 | 6:46  | -0.2 | 7:05                                                                                | 5:55 |  |
| 24   | Thu | 2:32  | 2.0 | 12:28    | 1.1 | 8:39  | 0.7 | 7:14  | -0.2 | 7:05                                                                                | 5:55 |  |
| 25   | Fri | 3:00  | 2.1 | 1:02     | 1.1 | 9:16  | 0.7 | 7:42  | -0.3 | 7:05                                                                                | 5:56 |  |
| 26   | Sat | 3:30  | 2.1 | 1:36     | 1.0 | 9:53  | 0.7 | 8:12  | -0.3 | 7:06                                                                                | 5:56 |  |
| 27   | Sun | 4:01  | 2.1 | 2:10     | 1.0 | 10:32 | 0.7 | 8:43  | -0.2 | 7:06                                                                                | 5:57 |  |
| 28   | Mon | 4:34  | 2.1 | 2:44     | 1.0 | 11:14 | 0.7 | 9:15  | -0.2 | 7:07                                                                                | 5:57 |  |
| 29   | Tue | 5:08  | 2.0 | 3:22     | 0.9 | 11:57 | 0.6 | 9:47  | -0.1 | 7:07                                                                                | 5:58 |  |

| Date |     | High |     |      |     | Low |    |       |     |  |      |   |
|------|-----|------|-----|------|-----|-----|----|-------|-----|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM   | ft  | AM  | ft | PM    | ft  | Rise                                                                               | Set  | Moon                                                                                |
| 30   | Wed | 5:42 | 2.0 | 4:08 | 0.8 |     |    | 12:44 | 0.6 | 7:07                                                                               | 5:59 |  |
| 31   | Thu | 6:17 | 1.9 | 5:07 | 0.8 |     |    | 1:33  | 0.5 | 7:08                                                                               | 5:59 |  |