

## Nonopapa, Niihau Island, HI - Oct 1983

| Date |     | High  |     |       |     | Low   |     |       |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft  | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sat |       |     | 12:11 | 1.7 | 4:49  | 0.3 | 7:32  | 0.2 | 6:32                                                                                | 6:29 |    |
| 2    | Sun | 12:48 | 0.8 | 1:01  | 1.7 | 6:02  | 0.2 | 8:04  | 0.1 | 6:32                                                                                | 6:28 |    |
| 3    | Mon | 1:35  | 0.9 | 1:45  | 1.7 | 7:05  | 0.2 | 8:34  | 0.1 | 6:32                                                                                | 6:27 |    |
| 4    | Tue | 2:19  | 1.1 | 2:27  | 1.7 | 8:02  | 0.1 | 9:03  | 0.0 | 6:33                                                                                | 6:26 |    |
| 5    | Wed | 3:02  | 1.3 | 3:06  | 1.6 | 8:57  | 0.1 | 9:31  | 0.0 | 6:33                                                                                | 6:25 |    |
| 6    | Thu | 3:45  | 1.5 | 3:43  | 1.4 | 9:51  | 0.2 | 10:00 | 0.0 | 6:33                                                                                | 6:24 |    |
| 7    | Fri | 4:28  | 1.6 | 4:20  | 1.2 | 10:46 | 0.3 | 10:27 | 0.0 | 6:34                                                                                | 6:23 |    |
| 8    | Sat | 5:12  | 1.6 | 4:57  | 1.0 | 11:43 | 0.3 | 10:55 | 0.1 | 6:34                                                                                | 6:22 |    |
| 9    | Sun | 5:58  | 1.6 | 5:34  | 0.8 |       |     | 12:47 | 0.4 | 6:34                                                                                | 6:21 |    |
| 10   | Mon | 6:48  | 1.6 | 6:18  | 0.7 |       |     | 2:01  | 0.4 | 6:35                                                                                | 6:20 |    |
| 11   | Tue | 7:45  | 1.5 | 7:28  | 0.5 |       |     | 3:35  | 0.4 | 6:35                                                                                | 6:19 |    |
| 12   | Wed | 8:52  | 1.5 | 9:41  | 0.5 | 12:31 | 0.3 | 5:18  | 0.4 | 6:35                                                                                | 6:19 |   |
| 13   | Thu | 10:04 | 1.4 | 11:30 | 0.6 | 1:35  | 0.4 | 6:18  | 0.3 | 6:36                                                                                | 6:18 |  |
| 14   | Fri | 11:08 | 1.4 |       |     | 3:22  | 0.5 | 6:50  | 0.3 | 6:36                                                                                | 6:17 |  |
| 15   | Sat | 12:24 | 0.7 | 12:00 | 1.4 | 4:54  | 0.5 | 7:15  | 0.2 | 6:36                                                                                | 6:16 |  |
| 16   | Sun | 12:59 | 0.8 | 12:43 | 1.4 | 6:00  | 0.4 | 7:37  | 0.2 | 6:37                                                                                | 6:15 |  |
| 17   | Mon | 1:30  | 0.9 | 1:19  | 1.4 | 6:52  | 0.4 | 7:59  | 0.2 | 6:37                                                                                | 6:14 |  |
| 18   | Tue | 2:00  | 1.0 | 1:51  | 1.4 | 7:38  | 0.3 | 8:21  | 0.1 | 6:38                                                                                | 6:14 |  |
| 19   | Wed | 2:30  | 1.2 | 2:21  | 1.3 | 8:22  | 0.3 | 8:43  | 0.1 | 6:38                                                                                | 6:13 |  |
| 20   | Thu | 3:00  | 1.3 | 2:50  | 1.2 | 9:05  | 0.3 | 9:05  | 0.1 | 6:38                                                                                | 6:12 |  |
| 21   | Fri | 3:32  | 1.4 | 3:20  | 1.1 | 9:50  | 0.3 | 9:27  | 0.1 | 6:39                                                                                | 6:11 |  |
| 22   | Sat | 4:06  | 1.5 | 3:50  | 1.0 | 10:37 | 0.3 | 9:50  | 0.0 | 6:39                                                                                | 6:11 |  |
| 23   | Sun | 4:43  | 1.6 | 4:21  | 0.9 | 11:30 | 0.3 | 10:14 | 0.1 | 6:40                                                                                | 6:10 |  |
| 24   | Mon | 5:24  | 1.6 | 4:56  | 0.7 |       |     | 12:31 | 0.4 | 6:40                                                                                | 6:09 |  |
| 25   | Tue | 6:12  | 1.7 | 5:38  | 0.6 |       |     | 1:45  | 0.4 | 6:41                                                                                | 6:08 |  |
| 26   | Wed | 7:09  | 1.6 | 6:46  | 0.5 |       |     | 3:13  | 0.4 | 6:41                                                                                | 6:08 |  |
| 27   | Thu | 8:17  | 1.6 | 8:57  | 0.4 | 12:00 | 0.2 | 4:38  | 0.3 | 6:42                                                                                | 6:07 |  |
| 28   | Fri | 9:30  | 1.6 | 10:49 | 0.5 | 1:11  | 0.3 | 5:37  | 0.2 | 6:42                                                                                | 6:06 |  |
| 29   | Sat | 10:38 | 1.6 | 11:56 | 0.7 | 3:00  | 0.4 | 6:17  | 0.1 | 6:43                                                                                | 6:06 |  |
| 30   | Sun | 11:37 | 1.6 |       |     | 4:42  | 0.4 | 6:50  | 0.1 | 6:43                                                                                | 6:05 |  |
| 31   | Mon | 12:46 | 0.9 | 12:27 | 1.5 | 6:02  | 0.4 | 7:20  | 0.0 | 6:44                                                                                | 6:05 |  |