

## Nonopapa, Niihau Island, HI - May 1978

| Date |     | High  |     |       |     | Low   |      |          |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon |       |     | 12:38 | 0.9 | 6:20  | -0.1 | 6:11     | 0.3  | 6:09                                                                                | 7:06 |    |
| 2    | Tue | 12:15 | 1.2 | 1:23  | 1.1 | 6:56  | -0.1 | 7:18     | 0.2  | 6:08                                                                                | 7:07 |    |
| 3    | Wed | 1:02  | 1.1 | 2:03  | 1.2 | 7:28  | -0.2 | 8:15     | 0.2  | 6:07                                                                                | 7:07 |    |
| 4    | Thu | 1:46  | 1.0 | 2:41  | 1.4 | 7:58  | -0.2 | 9:06     | 0.2  | 6:07                                                                                | 7:08 |    |
| 5    | Fri | 2:25  | 0.9 | 3:17  | 1.5 | 8:27  | -0.2 | 9:52     | 0.1  | 6:06                                                                                | 7:08 |    |
| 6    | Sat | 3:03  | 0.8 | 3:52  | 1.5 | 8:55  | -0.2 | 10:37    | 0.1  | 6:06                                                                                | 7:08 |    |
| 7    | Sun | 3:40  | 0.7 | 4:27  | 1.5 | 9:24  | -0.2 | 11:20    | 0.1  | 6:05                                                                                | 7:09 |    |
| 8    | Mon | 4:16  | 0.6 | 5:02  | 1.5 | 9:53  | -0.1 |          |      | 6:04                                                                                | 7:09 |    |
| 9    | Tue | 4:54  | 0.6 | 5:38  | 1.5 | 12:04 | 0.1  | 10:24 AM | -0.1 | 6:04                                                                                | 7:10 |    |
| 10   | Wed | 5:35  | 0.5 | 6:17  | 1.4 | 12:50 | 0.1  | 10:56 AM | 0.0  | 6:03                                                                                | 7:10 |    |
| 11   | Thu | 6:25  | 0.4 | 6:59  | 1.3 | 1:41  | 0.1  | 11:31 AM | 0.1  | 6:03                                                                                | 7:11 |    |
| 12   | Fri | 7:36  | 0.4 | 7:48  | 1.2 | 2:37  | 0.1  | 12:13    | 0.2  | 6:02                                                                                | 7:11 |   |
| 13   | Sat | 9:13  | 0.4 | 8:43  | 1.1 | 3:34  | 0.1  | 1:15     | 0.3  | 6:02                                                                                | 7:11 |  |
| 14   | Sun | 10:41 | 0.5 | 9:42  | 1.1 | 4:27  | 0.1  | 2:49     | 0.4  | 6:02                                                                                | 7:12 |  |
| 15   | Mon | 11:41 | 0.7 | 10:39 | 1.0 | 5:11  | 0.1  | 4:25     | 0.4  | 6:01                                                                                | 7:12 |  |
| 16   | Tue |       |     | 12:24 | 0.8 | 5:47  | 0.0  | 5:45     | 0.4  | 6:01                                                                                | 7:13 |  |
| 17   | Wed |       |     | 1:02  | 1.0 | 6:20  | -0.1 | 6:51     | 0.3  | 6:00                                                                                | 7:13 |  |
| 18   | Thu | 12:20 | 1.0 | 1:38  | 1.2 | 6:52  | -0.1 | 7:49     | 0.3  | 6:00                                                                                | 7:14 |  |
| 19   | Fri | 1:05  | 0.9 | 2:16  | 1.4 | 7:23  | -0.2 | 8:44     | 0.2  | 6:00                                                                                | 7:14 |  |
| 20   | Sat | 1:50  | 0.8 | 2:55  | 1.6 | 7:56  | -0.2 | 9:37     | 0.1  | 5:59                                                                                | 7:15 |  |
| 21   | Sun | 2:36  | 0.8 | 3:36  | 1.7 | 8:31  | -0.3 | 10:29    | 0.1  | 5:59                                                                                | 7:15 |  |
| 22   | Mon | 3:22  | 0.7 | 4:19  | 1.8 | 9:08  | -0.3 | 11:22    | 0.0  | 5:59                                                                                | 7:15 |  |
| 23   | Tue | 4:11  | 0.6 | 5:05  | 1.8 | 9:48  | -0.2 |          |      | 5:58                                                                                | 7:16 |  |
| 24   | Wed | 5:04  | 0.6 | 5:52  | 1.8 | 12:16 | 0.0  | 10:31 AM | -0.2 | 5:58                                                                                | 7:16 |  |
| 25   | Thu | 6:05  | 0.5 | 6:43  | 1.7 | 1:11  | 0.0  | 11:19 AM | -0.1 | 5:58                                                                                | 7:17 |  |
| 26   | Fri | 7:19  | 0.5 | 7:38  | 1.6 | 2:09  | 0.0  | 12:15    | 0.1  | 5:58                                                                                | 7:17 |  |
| 27   | Sat | 8:46  | 0.6 | 8:36  | 1.4 | 3:07  | 0.0  | 1:28     | 0.3  | 5:57                                                                                | 7:18 |  |
| 28   | Sun | 10:14 | 0.7 | 9:37  | 1.3 | 4:01  | 0.0  | 3:02     | 0.4  | 5:57                                                                                | 7:18 |  |
| 29   | Mon | 11:27 | 0.9 | 10:37 | 1.1 | 4:50  | -0.1 | 4:41     | 0.5  | 5:57                                                                                | 7:18 |  |
| 30   | Tue |       |     | 12:22 | 1.1 | 5:33  | -0.1 | 6:10     | 0.5  | 5:57                                                                                | 7:19 |  |

| Date |     | High |    |      |     | Low  |      |      |     |  |      |   |
|------|-----|------|----|------|-----|------|------|------|-----|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft | PM   | ft  | AM   | ft   | PM   | ft  | Rise                                                                               | Set  | Moon                                                                                |
| 31   | Wed |      |    | 1:08 | 1.3 | 6:10 | -0.1 | 7:24 | 0.4 | 5:57                                                                               | 7:19 |  |