

## Nonopapa, Niihau Island, HI - Jul 1970

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

| Date |     | High |     |      |     | Low  |     |       |     |  |      |   |
|------|-----|------|-----|------|-----|------|-----|-------|-----|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM   | ft  | AM   | ft  | PM    | ft  | Rise                                                                               | Set  | Moon                                                                                |
| 31   | Fri | 2:35 | 0.6 | 3:20 | 1.8 | 7:53 | 0.0 | 10:39 | 0.2 | 6:13                                                                               | 7:21 |  |