





Nonopapa, Niihau Island, HI - Dec 2022

| Date | | High | | | | Low | | | |  | |  |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|---|------|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Thu | 10:40 | 1.3 | | | 4:22 | 0.5 | 5:47 | 0.0 | 7:03 | 5:56 |  |
| 2 | Fri | 12:28 | 1.1 | 11:33 AM | 1.2 | 5:57 | 0.5 | 6:17 | 0.0 | 7:03 | 5:57 |  |
| 3 | Sat | 1:10 | 1.3 | 12:20 | 1.0 | 7:16 | 0.5 | 6:44 | -0.1 | 7:04 | 5:57 |  |
| 4 | Sun | 1:48 | 1.5 | 1:04 | 0.8 | 8:22 | 0.4 | 7:10 | -0.1 | 7:05 | 5:57 |  |
| 5 | Mon | 2:24 | 1.6 | 1:45 | 0.7 | 9:19 | 0.4 | 7:36 | -0.1 | 7:05 | 5:57 |  |
| 6 | Tue | 2:58 | 1.7 | 2:24 | 0.6 | 10:08 | 0.3 | 8:03 | -0.1 | 7:06 | 5:57 |  |
| 7 | Wed | 3:32 | 1.8 | 3:03 | 0.5 | 10:52 | 0.3 | 8:32 | -0.1 | 7:07 | 5:57 |  |
| 8 | Thu | 4:06 | 1.8 | 3:41 | 0.5 | 11:33 | 0.2 | 9:03 | -0.1 | 7:07 | 5:58 |  |
| 9 | Fri | 4:41 | 1.7 | 4:19 | 0.4 | | | 12:14 | 0.2 | 7:08 | 5:58 |  |
| 10 | Sat | 5:17 | 1.7 | 5:01 | 0.4 | | | 12:56 | 0.2 | 7:09 | 5:58 |  |
| 11 | Sun | 5:54 | 1.6 | 5:50 | 0.4 | | | 1:41 | 0.2 | 7:09 | 5:59 |  |
| 12 | Mon | 6:33 | 1.5 | 6:58 | 0.4 | | | 2:28 | 0.2 | 7:10 | 5:59 |  |
| 13 | Tue | 7:14 | 1.4 | 8:32 | 0.4 | | | 3:14 | 0.2 | 7:10 | 5:59 |  |
| 14 | Wed | 7:58 | 1.3 | 10:09 | 0.6 | 12:09 | 0.3 | 3:55 | 0.1 | 7:11 | 6:00 |  |
| 15 | Thu | 8:45 | 1.2 | 11:15 | 0.7 | 1:31 | 0.5 | 4:31 | 0.1 | 7:12 | 6:00 |  |
| 16 | Fri | 9:34 | 1.1 | | | 3:26 | 0.6 | 5:02 | 0.1 | 7:12 | 6:00 |  |
| 17 | Sat | 12:00 | 0.9 | 10:27 AM | 1.0 | 5:12 | 0.6 | 5:31 | 0.0 | 7:13 | 6:01 |  |
| 18 | Sun | 12:39 | 1.2 | 11:20 AM | 0.9 | 6:38 | 0.5 | 6:00 | -0.1 | 7:13 | 6:01 |  |
| 19 | Mon | 1:16 | 1.4 | 12:14 | 0.7 | 7:50 | 0.4 | 6:31 | -0.1 | 7:14 | 6:02 |  |
| 20 | Tue | 1:55 | 1.6 | 1:07 | 0.6 | 8:52 | 0.3 | 7:06 | -0.2 | 7:14 | 6:02 |  |
| 21 | Wed | 2:35 | 1.8 | 1:59 | 0.5 | 9:47 | 0.2 | 7:44 | -0.3 | 7:15 | 6:03 |  |
| 22 | Thu | 3:18 | 1.9 | 2:51 | 0.5 | 10:39 | 0.1 | 8:26 | -0.3 | 7:15 | 6:03 |  |
| 23 | Fri | 4:03 | 2.0 | 3:44 | 0.4 | 11:29 | 0.1 | 9:10 | -0.3 | 7:16 | 6:04 |  |
| 24 | Sat | 4:48 | 2.0 | 4:39 | 0.4 | | | 12:18 | 0.0 | 7:16 | 6:04 |  |
| 25 | Sun | 5:35 | 2.0 | 5:40 | 0.4 | | | 1:07 | 0.0 | 7:17 | 6:05 |  |
| 26 | Mon | 6:23 | 1.8 | 6:51 | 0.5 | | | 1:55 | 0.0 | 7:17 | 6:05 |  |
| 27 | Tue | 7:11 | 1.7 | 8:14 | 0.6 | | | 2:42 | 0.0 | 7:17 | 6:06 |  |
| 28 | Wed | 8:00 | 1.5 | 9:43 | 0.7 | 12:51 | 0.3 | 3:26 | 0.0 | 7:18 | 6:07 |  |
| 29 | Thu | 8:52 | 1.2 | 11:01 | 1.0 | 2:23 | 0.5 | 4:08 | 0.0 | 7:18 | 6:07 |  |
| 30 | Fri | 9:46 | 1.0 | | | 4:17 | 0.6 | 4:46 | 0.0 | 7:19 | 6:08 | |

| Date | | High | | | | Low | | | |  | |  |
|-----------|-----|--------------|-----|-----------------|-----|-------------|-----|-------------|------|--|------|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 31 | Sat | 12:02 | 1.2 | 10:45 AM | 0.8 | 6:12 | 0.6 | 5:14 | -0.1 | 7:19 | 6:08 |  |