

## Napoopoo, Kealakekua Bay, HI - Dec 1881

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Thu | 1:24  | 1.8 | 12:19    | 1.4 | 7:24  | 0.7 | 6:48  | -0.1 | 6:10                                                                                | 5:12 |    |
| 2    | Fri | 2:09  | 2.1 | 1:07     | 1.3 | 8:26  | 0.6 | 7:26  | -0.2 | 6:11                                                                                | 5:13 |    |
| 3    | Sat | 2:47  | 2.2 | 1:53     | 1.2 | 9:13  | 0.5 | 8:03  | -0.2 | 6:11                                                                                | 5:13 |    |
| 4    | Sun | 3:23  | 2.3 | 2:34     | 1.2 | 9:56  | 0.5 | 8:39  | -0.2 | 6:12                                                                                | 5:13 |    |
| 5    | Mon | 3:58  | 2.3 | 3:13     | 1.1 | 10:36 | 0.5 | 9:14  | -0.2 | 6:13                                                                                | 5:13 |    |
| 6    | Tue | 4:33  | 2.3 | 3:51     | 1.1 | 11:16 | 0.4 | 9:50  | -0.2 | 6:13                                                                                | 5:13 |    |
| 7    | Wed | 5:08  | 2.2 | 4:29     | 1.1 | 11:55 | 0.4 | 10:27 | -0.1 | 6:14                                                                                | 5:14 |    |
| 8    | Thu | 5:44  | 2.2 | 5:10     | 1.0 |       |     | 12:34 | 0.4  | 6:14                                                                                | 5:14 |    |
| 9    | Fri | 6:20  | 2.1 | 5:56     | 1.0 |       |     | 1:12  | 0.4  | 6:15                                                                                | 5:14 |    |
| 10   | Sat | 6:54  | 1.9 | 6:48     | 0.9 |       |     | 1:52  | 0.4  | 6:16                                                                                | 5:15 |    |
| 11   | Sun | 7:29  | 1.8 | 7:56     | 0.9 | 12:21 | 0.3 | 2:37  | 0.4  | 6:16                                                                                | 5:15 |    |
| 12   | Mon | 8:05  | 1.6 | 9:40     | 1.0 | 1:04  | 0.5 | 3:27  | 0.4  | 6:17                                                                                | 5:15 |   |
| 13   | Tue | 8:47  | 1.5 | 11:15    | 1.2 | 2:06  | 0.6 | 4:16  | 0.3  | 6:17                                                                                | 5:16 |  |
| 14   | Wed | 9:40  | 1.4 |          |     | 3:59  | 0.8 | 4:59  | 0.2  | 6:18                                                                                | 5:16 |  |
| 15   | Thu | 12:20 | 1.4 | 10:37 AM | 1.3 | 5:43  | 0.8 | 5:39  | 0.1  | 6:19                                                                                | 5:16 |  |
| 16   | Fri | 1:10  | 1.6 | 11:31 AM | 1.2 | 7:05  | 0.7 | 6:18  | 0.0  | 6:19                                                                                | 5:17 |  |
| 17   | Sat | 1:52  | 1.9 | 12:26    | 1.1 | 8:06  | 0.6 | 6:59  | -0.1 | 6:20                                                                                | 5:17 |  |
| 18   | Sun | 2:30  | 2.1 | 1:20     | 1.1 | 8:52  | 0.6 | 7:41  | -0.2 | 6:20                                                                                | 5:18 |  |
| 19   | Mon | 3:08  | 2.3 | 2:11     | 1.1 | 9:35  | 0.5 | 8:24  | -0.3 | 6:21                                                                                | 5:18 |  |
| 20   | Tue | 3:46  | 2.4 | 2:59     | 1.2 | 10:17 | 0.4 | 9:06  | -0.4 | 6:21                                                                                | 5:19 |  |
| 21   | Wed | 4:26  | 2.5 | 3:46     | 1.2 | 11:01 | 0.4 | 9:50  | -0.4 | 6:22                                                                                | 5:19 |  |
| 22   | Thu | 5:08  | 2.5 | 4:35     | 1.2 | 11:46 | 0.3 | 10:36 | -0.3 | 6:22                                                                                | 5:20 |  |
| 23   | Fri | 5:50  | 2.4 | 5:30     | 1.2 |       |     | 12:30 | 0.3  | 6:23                                                                                | 5:20 |  |
| 24   | Sat | 6:31  | 2.3 | 6:31     | 1.2 |       |     | 1:13  | 0.2  | 6:23                                                                                | 5:21 |  |
| 25   | Sun | 7:11  | 2.1 | 7:41     | 1.2 | 12:16 | 0.1 | 1:58  | 0.2  | 6:24                                                                                | 5:21 |  |
| 26   | Mon | 7:53  | 1.9 | 9:12     | 1.3 | 1:12  | 0.3 | 2:47  | 0.2  | 6:24                                                                                | 5:22 |  |
| 27   | Tue | 8:38  | 1.6 | 10:54    | 1.4 | 2:23  | 0.6 | 3:42  | 0.1  | 6:25                                                                                | 5:22 |  |
| 28   | Wed | 9:32  | 1.4 |          |     | 4:15  | 0.8 | 4:37  | 0.1  | 6:25                                                                                | 5:23 |  |
| 29   | Thu | 12:15 | 1.6 | 10:36 AM | 1.2 | 6:18  | 0.8 | 5:29  | 0.0  | 6:25                                                                                | 5:24 |  |
| 30   | Fri | 1:18  | 1.8 | 11:40 AM | 1.1 | 7:57  | 0.7 | 6:17  | -0.1 | 6:26                                                                                | 5:24 |  |

| Date |     | High |     |       |     | Low  |     |      |      |  |      |   |
|------|-----|------|-----|-------|-----|------|-----|------|------|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM    | ft  | AM   | ft  | PM   | ft   | Rise                                                                               | Set  | Moon                                                                                |
| 31   | Sat | 2:05 | 2.0 | 12:43 | 1.0 | 8:50 | 0.6 | 7:07 | -0.1 | 6:26                                                                               | 5:25 |  |