

## Napoopoo, Kealakekua Bay, HI - Dec 1861

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sun | 3:37  | 2.6 | 2:49     | 1.2 | 10:08 | 0.4 | 8:59  | -0.4 | 6:10                                                                                | 5:12 |    |
| 2    | Mon | 4:21  | 2.6 | 3:35     | 1.2 | 11:01 | 0.4 | 9:42  | -0.4 | 6:11                                                                                | 5:13 |    |
| 3    | Tue | 5:07  | 2.6 | 4:23     | 1.1 | 11:53 | 0.4 | 10:27 | -0.3 | 6:11                                                                                | 5:13 |    |
| 4    | Wed | 5:53  | 2.5 | 5:14     | 1.1 |       |     | 12:42 | 0.4  | 6:12                                                                                | 5:13 |    |
| 5    | Thu | 6:39  | 2.3 | 6:12     | 1.0 |       |     | 1:30  | 0.4  | 6:13                                                                                | 5:13 |    |
| 6    | Fri | 7:23  | 2.1 | 7:18     | 1.0 | 12:03 | 0.1 | 2:19  | 0.4  | 6:13                                                                                | 5:13 |    |
| 7    | Sat | 8:07  | 1.9 | 8:46     | 1.0 | 12:53 | 0.3 | 3:12  | 0.4  | 6:14                                                                                | 5:14 |    |
| 8    | Sun | 8:54  | 1.7 | 10:39    | 1.1 | 1:51  | 0.5 | 4:05  | 0.3  | 6:14                                                                                | 5:14 |    |
| 9    | Mon | 9:44  | 1.5 |          |     | 3:19  | 0.7 | 4:50  | 0.3  | 6:15                                                                                | 5:14 |    |
| 10   | Tue | 12:02 | 1.3 | 10:33 AM | 1.3 | 5:12  | 0.8 | 5:29  | 0.2  | 6:16                                                                                | 5:15 |    |
| 11   | Wed | 1:01  | 1.5 | 11:20 AM | 1.2 | 6:50  | 0.8 | 6:05  | 0.1  | 6:16                                                                                | 5:15 |    |
| 12   | Thu | 1:44  | 1.7 | 12:06    | 1.1 | 8:02  | 0.7 | 6:40  | 0.0  | 6:17                                                                                | 5:15 |   |
| 13   | Fri | 2:17  | 1.9 | 12:54    | 1.1 | 8:47  | 0.6 | 7:15  | -0.1 | 6:17                                                                                | 5:16 |  |
| 14   | Sat | 2:48  | 2.0 | 1:39     | 1.0 | 9:23  | 0.6 | 7:51  | -0.1 | 6:18                                                                                | 5:16 |  |
| 15   | Sun | 3:19  | 2.1 | 2:20     | 1.0 | 9:56  | 0.5 | 8:26  | -0.2 | 6:19                                                                                | 5:16 |  |
| 16   | Mon | 3:50  | 2.2 | 2:58     | 1.0 | 10:30 | 0.5 | 9:00  | -0.2 | 6:19                                                                                | 5:17 |  |
| 17   | Tue | 4:23  | 2.2 | 3:34     | 1.0 | 11:06 | 0.5 | 9:35  | -0.2 | 6:20                                                                                | 5:17 |  |
| 18   | Wed | 4:57  | 2.2 | 4:10     | 1.0 | 11:43 | 0.4 | 10:10 | -0.2 | 6:20                                                                                | 5:18 |  |
| 19   | Thu | 5:31  | 2.2 | 4:50     | 1.0 |       |     | 12:19 | 0.4  | 6:21                                                                                | 5:18 |  |
| 20   | Fri | 6:05  | 2.2 | 5:36     | 1.0 |       |     | 12:55 | 0.4  | 6:21                                                                                | 5:19 |  |
| 21   | Sat | 6:38  | 2.1 | 6:32     | 1.0 |       |     | 1:32  | 0.4  | 6:22                                                                                | 5:19 |  |
| 22   | Sun | 7:12  | 2.0 | 7:41     | 1.0 | 12:08 | 0.2 | 2:11  | 0.3  | 6:22                                                                                | 5:20 |  |
| 23   | Mon | 7:47  | 1.8 | 9:17     | 1.1 | 12:59 | 0.4 | 2:57  | 0.2  | 6:23                                                                                | 5:20 |  |
| 24   | Tue | 8:29  | 1.6 | 10:56    | 1.4 | 2:09  | 0.6 | 3:48  | 0.2  | 6:23                                                                                | 5:21 |  |
| 25   | Wed | 9:23  | 1.4 |          |     | 4:06  | 0.8 | 4:40  | 0.0  | 6:24                                                                                | 5:21 |  |
| 26   | Thu | 12:11 | 1.7 | 10:29 AM | 1.3 | 6:00  | 0.8 | 5:31  | -0.1 | 6:24                                                                                | 5:22 |  |
| 27   | Fri | 1:13  | 1.9 | 11:37 AM | 1.1 | 7:34  | 0.7 | 6:22  | -0.2 | 6:24                                                                                | 5:22 |  |
| 28   | Sat | 2:04  | 2.2 | 12:45    | 1.1 | 8:38  | 0.6 | 7:12  | -0.3 | 6:25                                                                                | 5:23 |  |
| 29   | Sun | 2:48  | 2.4 | 1:49     | 1.1 | 9:26  | 0.5 | 8:02  | -0.4 | 6:25                                                                                | 5:24 |  |
| 30   | Mon | 3:30  | 2.5 | 2:43     | 1.1 | 10:09 | 0.4 | 8:49  | -0.4 | 6:26                                                                                | 5:24 |  |

| Date |     | High |     |      |     | Low   |     |      |      |  |      |   |
|------|-----|------|-----|------|-----|-------|-----|------|------|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM   | ft  | AM    | ft  | PM   | ft   | Rise                                                                               | Set  | Moon                                                                                |
| 31   | Tue | 4:11 | 2.5 | 3:35 | 1.2 | 10:51 | 0.3 | 9:36 | -0.4 | 6:26                                                                               | 5:25 |  |