

## Napoopoo, Kealakekua Bay, HI - Jul 1878

| Date |     | High  |     |       |     | Low   |      |          |      |  |      |  |
|------|-----|-------|-----|-------|-----|-------|------|----------|------|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft   | Rise                                                                                | Set  | Moon                                                                                |
| 1    | Mon | 3:55  | 1.0 | 5:21  | 2.4 | 9:57  | -0.3 |          |      | 5:17                                                                                | 6:34 | ●                                                                                   |
| 2    | Tue | 4:44  | 1.0 | 5:59  | 2.4 | 12:10 | 0.4  | 10:42 AM | -0.2 | 5:17                                                                                | 6:34 | ●                                                                                   |
| 3    | Wed | 5:40  | 1.1 | 6:36  | 2.3 | 12:47 | 0.3  | 11:29 AM | -0.1 | 5:17                                                                                | 6:34 | ●                                                                                   |
| 4    | Thu | 6:42  | 1.1 | 7:11  | 2.1 | 1:25  | 0.2  | 12:19    | 0.1  | 5:18                                                                                | 6:34 | ◐                                                                                   |
| 5    | Fri | 7:53  | 1.2 | 7:46  | 1.9 | 2:04  | 0.2  | 1:14     | 0.4  | 5:18                                                                                | 6:34 | ◑                                                                                   |
| 6    | Sat | 9:25  | 1.3 | 8:23  | 1.6 | 2:48  | 0.1  | 2:26     | 0.7  | 5:18                                                                                | 6:34 | ◑                                                                                   |
| 7    | Sun | 11:00 | 1.5 | 9:07  | 1.4 | 3:37  | 0.1  | 4:20     | 0.8  | 5:19                                                                                | 6:34 | ◑                                                                                   |
| 8    | Mon |       |     | 12:18 | 1.8 | 4:29  | 0.0  | 6:28     | 0.9  | 5:19                                                                                | 6:34 | ◑                                                                                   |
| 9    | Tue |       |     | 1:21  | 2.0 | 5:21  | -0.1 | 8:17     | 0.8  | 5:19                                                                                | 6:34 | ◑                                                                                   |
| 10   | Wed |       |     | 2:11  | 2.2 | 6:13  | -0.1 | 9:09     | 0.6  | 5:20                                                                                | 6:34 | ○                                                                                   |
| 11   | Thu | 12:32 | 0.9 | 2:52  | 2.3 | 7:04  | -0.2 | 9:45     | 0.5  | 5:20                                                                                | 6:34 | ○                                                                                   |
| 12   | Fri | 1:39  | 0.9 | 3:29  | 2.3 | 7:52  | -0.2 | 10:17    | 0.5  | 5:21                                                                                | 6:34 | ○                                                                                   |
| 13   | Sat | 2:33  | 1.0 | 4:04  | 2.4 | 8:37  | -0.2 | 10:48    | 0.4  | 5:21                                                                                | 6:34 | ○                                                                                   |
| 14   | Sun | 3:17  | 1.0 | 4:38  | 2.3 | 9:17  | -0.2 | 11:19    | 0.4  | 5:21                                                                                | 6:33 | ○                                                                                   |
| 15   | Mon | 3:59  | 1.1 | 5:11  | 2.3 | 9:56  | -0.2 | 11:49    | 0.3  | 5:22                                                                                | 6:33 | ○                                                                                   |
| 16   | Tue | 4:40  | 1.1 | 5:41  | 2.2 | 10:34 | -0.1 |          |      | 5:22                                                                                | 6:33 | ○                                                                                   |
| 17   | Wed | 5:24  | 1.2 | 6:09  | 2.0 | 12:19 | 0.3  | 11:11 AM | 0.1  | 5:22                                                                                | 6:33 | ○                                                                                   |
| 18   | Thu | 6:09  | 1.2 | 6:35  | 1.9 | 12:48 | 0.3  | 11:48 AM | 0.2  | 5:23                                                                                | 6:33 | ○                                                                                   |
| 19   | Fri | 6:58  | 1.2 | 6:58  | 1.7 | 1:17  | 0.3  | 12:26    | 0.4  | 5:23                                                                                | 6:33 | ○                                                                                   |
| 20   | Sat | 7:55  | 1.2 | 7:16  | 1.5 | 1:47  | 0.3  | 1:08     | 0.6  | 5:23                                                                                | 6:32 | ○                                                                                   |
| 21   | Sun | 9:18  | 1.2 | 7:30  | 1.3 | 2:21  | 0.3  | 2:07     | 0.8  | 5:24                                                                                | 6:32 | ○                                                                                   |
| 22   | Mon | 10:59 | 1.4 | 7:30  | 1.2 | 3:03  | 0.2  | 4:34     | 0.9  | 5:24                                                                                | 6:32 | ◐                                                                                   |
| 23   | Tue |       |     | 12:19 | 1.5 | 3:58  | 0.2  |          |      | 5:25                                                                                | 6:31 | ◑                                                                                   |
| 24   | Wed |       |     | 1:17  | 1.8 | 4:57  | 0.1  | 9:07     | 0.7  | 5:25                                                                                | 6:31 | ◑                                                                                   |
| 25   | Thu |       |     | 2:00  | 2.0 | 5:53  | 0.0  | 9:08     | 0.7  | 5:25                                                                                | 6:31 | ◑                                                                                   |
| 26   | Fri | 12:16 | 0.9 | 2:36  | 2.1 | 6:47  | -0.1 | 9:26     | 0.6  | 5:26                                                                                | 6:30 | ◑                                                                                   |
| 27   | Sat | 1:26  | 1.0 | 3:10  | 2.3 | 7:37  | -0.2 | 9:51     | 0.5  | 5:26                                                                                | 6:30 | ◑                                                                                   |
| 28   | Sun | 2:20  | 1.1 | 3:45  | 2.4 | 8:23  | -0.3 | 10:20    | 0.4  | 5:26                                                                                | 6:30 | ◑                                                                                   |
| 29   | Mon | 3:07  | 1.2 | 4:19  | 2.5 | 9:07  | -0.3 | 10:53    | 0.3  | 5:27                                                                                | 6:29 | ●                                                                                   |
| 30   | Tue | 3:54  | 1.3 | 4:53  | 2.5 | 9:51  | -0.2 | 11:27    | 0.3  | 5:27                                                                                | 6:29 | ●                                                                                   |

| Date |     | High |     |      |     | Low   |      |    |    |  |      |   |
|------|-----|------|-----|------|-----|-------|------|----|----|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM   | ft  | AM    | ft   | PM | ft | Rise                                                                               | Set  | Moon                                                                                |
| 31   | Wed | 4:43 | 1.4 | 5:27 | 2.4 | 10:37 | -0.1 |    |    | 5:27                                                                               | 6:28 |  |