

## Napoopoo, Kealakekua Bay, HI - Jun 1861

| Date |     | High  |     |       |     | Low   |      |          |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sat |       |     | 12:20 | 1.2 | 5:16  | 0.2  | 5:29     | 0.7  | 5:12                                                                                | 6:26 |    |
| 2    | Sun |       |     | 1:12  | 1.4 | 5:50  | 0.1  | 6:52     | 0.7  | 5:12                                                                                | 6:27 |    |
| 3    | Mon |       |     | 1:51  | 1.6 | 6:21  | 0.0  | 7:58     | 0.6  | 5:12                                                                                | 6:27 |    |
| 4    | Tue | 12:22 | 1.1 | 2:24  | 1.8 | 6:54  | -0.1 | 8:45     | 0.6  | 5:12                                                                                | 6:28 |    |
| 5    | Wed | 1:05  | 1.0 | 2:56  | 1.9 | 7:27  | -0.2 | 9:25     | 0.5  | 5:12                                                                                | 6:28 |    |
| 6    | Thu | 1:47  | 1.0 | 3:27  | 2.0 | 8:01  | -0.2 | 10:03    | 0.5  | 5:12                                                                                | 6:28 |    |
| 7    | Fri | 2:27  | 1.0 | 4:01  | 2.1 | 8:35  | -0.3 | 10:43    | 0.4  | 5:12                                                                                | 6:29 |    |
| 8    | Sat | 3:04  | 0.9 | 4:36  | 2.2 | 9:10  | -0.3 | 11:24    | 0.4  | 5:12                                                                                | 6:29 |    |
| 9    | Sun | 3:41  | 0.9 | 5:13  | 2.2 | 9:45  | -0.3 |          |      | 5:12                                                                                | 6:29 |    |
| 10   | Mon | 4:20  | 0.9 | 5:50  | 2.2 | 12:05 | 0.4  | 10:23 AM | -0.2 | 5:12                                                                                | 6:30 |    |
| 11   | Tue | 5:05  | 0.9 | 6:28  | 2.1 | 12:44 | 0.4  | 11:03 AM | -0.1 | 5:12                                                                                | 6:30 |    |
| 12   | Wed | 5:59  | 0.9 | 7:05  | 2.0 | 1:24  | 0.4  | 11:46 AM | 0.0  | 5:13                                                                                | 6:30 |   |
| 13   | Thu | 7:04  | 0.9 | 7:44  | 1.9 | 2:06  | 0.3  | 12:35    | 0.2  | 5:13                                                                                | 6:31 |  |
| 14   | Fri | 8:28  | 1.0 | 8:26  | 1.8 | 2:52  | 0.3  | 1:34     | 0.4  | 5:13                                                                                | 6:31 |  |
| 15   | Sat | 10:11 | 1.1 | 9:16  | 1.6 | 3:41  | 0.2  | 3:02     | 0.6  | 5:13                                                                                | 6:31 |  |
| 16   | Sun | 11:34 | 1.4 | 10:12 | 1.4 | 4:30  | 0.1  | 4:54     | 0.7  | 5:13                                                                                | 6:31 |  |
| 17   | Mon |       |     | 12:41 | 1.7 | 5:16  | -0.1 | 6:32     | 0.7  | 5:13                                                                                | 6:32 |  |
| 18   | Tue |       |     | 1:37  | 2.0 | 6:02  | -0.2 | 7:56     | 0.6  | 5:13                                                                                | 6:32 |  |
| 19   | Wed | 12:09 | 1.1 | 2:25  | 2.2 | 6:48  | -0.3 | 8:57     | 0.5  | 5:14                                                                                | 6:32 |  |
| 20   | Thu | 1:11  | 1.1 | 3:09  | 2.4 | 7:35  | -0.3 | 9:47     | 0.5  | 5:14                                                                                | 6:32 |  |
| 21   | Fri | 2:09  | 1.0 | 3:51  | 2.5 | 8:21  | -0.4 | 10:33    | 0.4  | 5:14                                                                                | 6:33 |  |
| 22   | Sat | 3:01  | 1.0 | 4:32  | 2.5 | 9:06  | -0.4 | 11:17    | 0.4  | 5:14                                                                                | 6:33 |  |
| 23   | Sun | 3:48  | 1.0 | 5:13  | 2.4 | 9:50  | -0.3 | 11:59    | 0.3  | 5:14                                                                                | 6:33 |  |
| 24   | Mon | 4:36  | 1.0 | 5:52  | 2.3 | 10:34 | -0.2 |          |      | 5:15                                                                                | 6:33 |  |
| 25   | Tue | 5:27  | 1.0 | 6:29  | 2.2 | 12:38 | 0.3  | 11:17 AM | -0.1 | 5:15                                                                                | 6:33 |  |
| 26   | Wed | 6:20  | 1.0 | 7:03  | 2.0 | 1:15  | 0.3  | 12:01    | 0.1  | 5:15                                                                                | 6:33 |  |
| 27   | Thu | 7:17  | 1.0 | 7:35  | 1.8 | 1:51  | 0.3  | 12:44    | 0.3  | 5:16                                                                                | 6:34 |  |
| 28   | Fri | 8:28  | 1.1 | 8:05  | 1.6 | 2:30  | 0.3  | 1:32     | 0.5  | 5:16                                                                                | 6:34 |  |
| 29   | Sat | 10:05 | 1.1 | 8:38  | 1.4 | 3:12  | 0.2  | 2:43     | 0.7  | 5:16                                                                                | 6:34 |  |
| 30   | Sun | 11:33 | 1.3 | 9:19  | 1.2 | 3:58  | 0.2  | 4:45     | 0.8  | 5:16                                                                                | 6:34 |  |