

## Napoopoo, Kealakekua Bay, HI - Jun 1890

| Date |     | High  |     |       |     | Low   |      |          |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sun | 1:58  | 1.3 | 3:25  | 2.2 | 8:16  | -0.3 | 9:41     | 0.4  | 5:12                                                                                | 6:26 |    |
| 2    | Mon | 2:37  | 1.2 | 4:06  | 2.3 | 8:50  | -0.4 | 10:34    | 0.4  | 5:12                                                                                | 6:27 |    |
| 3    | Tue | 3:17  | 1.1 | 4:51  | 2.4 | 9:28  | -0.4 | 11:30    | 0.4  | 5:12                                                                                | 6:27 |    |
| 4    | Wed | 3:59  | 1.0 | 5:38  | 2.4 | 10:08 | -0.4 |          |      | 5:12                                                                                | 6:28 |    |
| 5    | Thu | 4:45  | 0.9 | 6:28  | 2.4 | 12:27 | 0.4  | 10:53 AM | -0.3 | 5:12                                                                                | 6:28 |    |
| 6    | Fri | 5:40  | 0.9 | 7:19  | 2.2 | 1:24  | 0.4  | 11:43 AM | -0.2 | 5:12                                                                                | 6:28 |    |
| 7    | Sat | 6:47  | 0.8 | 8:14  | 2.1 | 2:24  | 0.4  | 12:37    | 0.0  | 5:12                                                                                | 6:29 |    |
| 8    | Sun | 8:16  | 0.8 | 9:13  | 1.9 | 3:30  | 0.3  | 1:39     | 0.2  | 5:12                                                                                | 6:29 |    |
| 9    | Mon | 10:13 | 0.9 | 10:12 | 1.8 | 4:31  | 0.2  | 3:04     | 0.4  | 5:12                                                                                | 6:29 |    |
| 10   | Tue | 11:43 | 1.1 | 11:04 | 1.6 | 5:19  | 0.1  | 4:46     | 0.6  | 5:12                                                                                | 6:30 |    |
| 11   | Wed |       |     | 12:51 | 1.4 | 5:58  | 0.0  | 6:13     | 0.6  | 5:13                                                                                | 6:30 |    |
| 12   | Thu |       |     | 1:42  | 1.7 | 6:33  | -0.1 | 7:30     | 0.6  | 5:13                                                                                | 6:30 |   |
| 13   | Fri | 12:33 | 1.3 | 2:23  | 1.9 | 7:05  | -0.1 | 8:30     | 0.6  | 5:13                                                                                | 6:31 |  |
| 14   | Sat | 1:14  | 1.2 | 2:58  | 2.0 | 7:37  | -0.2 | 9:19     | 0.5  | 5:13                                                                                | 6:31 |  |
| 15   | Sun | 1:54  | 1.1 | 3:31  | 2.1 | 8:09  | -0.2 | 10:03    | 0.5  | 5:13                                                                                | 6:31 |  |
| 16   | Mon | 2:32  | 1.1 | 4:04  | 2.2 | 8:41  | -0.3 | 10:45    | 0.5  | 5:13                                                                                | 6:31 |  |
| 17   | Tue | 3:09  | 1.0 | 4:38  | 2.2 | 9:13  | -0.2 | 11:27    | 0.4  | 5:13                                                                                | 6:32 |  |
| 18   | Wed | 3:45  | 0.9 | 5:14  | 2.1 | 9:47  | -0.2 |          |      | 5:13                                                                                | 6:32 |  |
| 19   | Thu | 4:22  | 0.9 | 5:51  | 2.1 | 12:09 | 0.4  | 10:22 AM | -0.1 | 5:14                                                                                | 6:32 |  |
| 20   | Fri | 5:01  | 0.9 | 6:28  | 2.0 | 12:49 | 0.4  | 10:58 AM | -0.1 | 5:14                                                                                | 6:32 |  |
| 21   | Sat | 5:46  | 0.8 | 7:05  | 1.9 | 1:30  | 0.4  | 11:36 AM | 0.0  | 5:14                                                                                | 6:33 |  |
| 22   | Sun | 6:38  | 0.8 | 7:43  | 1.8 | 2:14  | 0.4  | 12:15    | 0.2  | 5:14                                                                                | 6:33 |  |
| 23   | Mon | 7:46  | 0.8 | 8:24  | 1.7 | 3:03  | 0.4  | 12:58    | 0.3  | 5:15                                                                                | 6:33 |  |
| 24   | Tue | 9:30  | 0.8 | 9:09  | 1.6 | 3:54  | 0.4  | 1:57     | 0.5  | 5:15                                                                                | 6:33 |  |
| 25   | Wed | 11:05 | 1.0 | 9:59  | 1.5 | 4:36  | 0.3  | 3:39     | 0.7  | 5:15                                                                                | 6:33 |  |
| 26   | Thu |       |     | 12:10 | 1.3 | 5:13  | 0.2  | 5:20     | 0.7  | 5:15                                                                                | 6:34 |  |
| 27   | Fri |       |     | 1:03  | 1.6 | 5:48  | 0.1  | 6:43     | 0.7  | 5:16                                                                                | 6:34 |  |
| 28   | Sat |       |     | 1:49  | 1.9 | 6:25  | -0.1 | 7:54     | 0.6  | 5:16                                                                                | 6:34 |  |
| 29   | Sun | 12:28 | 1.2 | 2:32  | 2.1 | 7:04  | -0.2 | 8:51     | 0.5  | 5:16                                                                                | 6:34 |  |
| 30   | Mon | 1:22  | 1.2 | 3:13  | 2.3 | 7:46  | -0.3 | 9:42     | 0.5  | 5:16                                                                                | 6:34 |  |