

## Waianae, HI - Nov 1863

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sun | 8:24  | 1.7 | 9:32     | 0.7 | 12:28 | 0.4 | 4:08  | 0.4  | 6:04                                                                                | 5:25 |    |
| 2    | Mon | 9:23  | 1.6 | 11:09    | 0.8 | 1:30  | 0.6 | 5:03  | 0.4  | 6:05                                                                                | 5:24 |    |
| 3    | Tue | 10:23 | 1.5 |          |     | 3:05  | 0.7 | 5:45  | 0.3  | 6:05                                                                                | 5:24 |    |
| 4    | Wed | 12:12 | 0.9 | 11:18 AM | 1.5 | 4:41  | 0.7 | 6:18  | 0.3  | 6:06                                                                                | 5:23 |    |
| 5    | Thu | 12:55 | 1.1 | 12:06    | 1.4 | 6:00  | 0.7 | 6:47  | 0.2  | 6:06                                                                                | 5:23 |    |
| 6    | Fri | 1:30  | 1.3 | 12:49    | 1.3 | 7:04  | 0.6 | 7:14  | 0.1  | 6:07                                                                                | 5:22 |    |
| 7    | Sat | 2:03  | 1.5 | 1:28     | 1.3 | 8:00  | 0.6 | 7:40  | 0.1  | 6:07                                                                                | 5:22 |    |
| 8    | Sun | 2:37  | 1.7 | 2:06     | 1.2 | 8:51  | 0.5 | 8:07  | 0.0  | 6:08                                                                                | 5:22 |    |
| 9    | Mon | 3:11  | 1.9 | 2:45     | 1.1 | 9:41  | 0.4 | 8:36  | -0.1 | 6:08                                                                                | 5:21 |    |
| 10   | Tue | 3:48  | 2.1 | 3:24     | 1.0 | 10:30 | 0.3 | 9:07  | -0.1 | 6:09                                                                                | 5:21 |    |
| 11   | Wed | 4:27  | 2.2 | 4:06     | 0.9 | 11:20 | 0.3 | 9:41  | -0.1 | 6:10                                                                                | 5:20 |    |
| 12   | Thu | 5:09  | 2.2 | 4:51     | 0.8 |       |     | 12:13 | 0.3  | 6:10                                                                                | 5:20 |   |
| 13   | Fri | 5:54  | 2.2 | 5:42     | 0.7 |       |     | 1:08  | 0.3  | 6:11                                                                                | 5:20 |  |
| 14   | Sat | 6:43  | 2.2 | 6:46     | 0.7 |       |     | 2:06  | 0.3  | 6:11                                                                                | 5:19 |  |
| 15   | Sun | 7:36  | 2.1 | 8:10     | 0.7 |       |     | 3:06  | 0.2  | 6:12                                                                                | 5:19 |  |
| 16   | Mon | 8:33  | 1.9 | 9:48     | 0.8 | 12:50 | 0.3 | 4:03  | 0.2  | 6:13                                                                                | 5:19 |  |
| 17   | Tue | 9:35  | 1.8 | 11:16    | 1.0 | 2:16  | 0.5 | 4:53  | 0.1  | 6:13                                                                                | 5:19 |  |
| 18   | Wed | 10:37 | 1.6 |          |     | 4:03  | 0.7 | 5:37  | 0.1  | 6:14                                                                                | 5:19 |  |
| 19   | Thu | 12:21 | 1.3 | 11:36 AM | 1.4 | 5:44  | 0.7 | 6:15  | 0.0  | 6:15                                                                                | 5:18 |  |
| 20   | Fri | 1:12  | 1.6 | 12:30    | 1.3 | 7:07  | 0.6 | 6:50  | -0.1 | 6:15                                                                                | 5:18 |  |
| 21   | Sat | 1:55  | 1.8 | 1:20     | 1.1 | 8:16  | 0.6 | 7:22  | -0.1 | 6:16                                                                                | 5:18 |  |
| 22   | Sun | 2:35  | 2.0 | 2:06     | 1.0 | 9:14  | 0.5 | 7:55  | -0.1 | 6:17                                                                                | 5:18 |  |
| 23   | Mon | 3:14  | 2.1 | 2:49     | 0.9 | 10:04 | 0.4 | 8:27  | -0.1 | 6:17                                                                                | 5:18 |  |
| 24   | Tue | 3:51  | 2.2 | 3:31     | 0.8 | 10:49 | 0.3 | 8:59  | -0.1 | 6:18                                                                                | 5:18 |  |
| 25   | Wed | 4:27  | 2.2 | 4:11     | 0.8 | 11:31 | 0.3 | 9:33  | -0.1 | 6:18                                                                                | 5:18 |  |
| 26   | Thu | 5:03  | 2.1 | 4:51     | 0.7 |       |     | 12:11 | 0.3  | 6:19                                                                                | 5:18 |  |
| 27   | Fri | 5:39  | 2.1 | 5:34     | 0.7 |       |     | 12:52 | 0.3  | 6:20                                                                                | 5:18 |  |
| 28   | Sat | 6:16  | 2.0 | 6:22     | 0.6 |       |     | 1:34  | 0.3  | 6:20                                                                                | 5:18 |  |
| 29   | Sun | 6:53  | 1.8 | 7:21     | 0.6 |       |     | 2:18  | 0.3  | 6:21                                                                                | 5:18 |  |
| 30   | Mon | 7:32  | 1.7 | 8:40     | 0.7 |       |     | 3:04  | 0.3  | 6:22                                                                                | 5:18 |  |