

## Waimanalo, HI - Jan 1861

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue | 5:52  | 2.0 | 6:00     | 0.9 |       |     | 12:45 | 0.4  | 6:37                                                                                | 5:29 |    |
| 2    | Wed | 6:20  | 1.8 | 8:03     | 1.0 |       |     | 1:29  | 0.2  | 6:37                                                                                | 5:30 |    |
| 3    | Thu | 6:45  | 1.6 | 10:27    | 1.3 | 12:14 | 0.7 | 2:18  | 0.1  | 6:38                                                                                | 5:30 |    |
| 4    | Fri | 7:03  | 1.4 | 11:54    | 1.6 | 2:07  | 1.0 | 3:13  | 0.0  | 6:38                                                                                | 5:31 |    |
| 5    | Sat |       |     |          |     |       |     | 4:09  | -0.1 | 6:38                                                                                | 5:32 |    |
| 6    | Sun | 12:47 | 1.9 |          |     |       |     | 5:02  | -0.2 | 6:38                                                                                | 5:32 |    |
| 7    | Mon | 1:28  | 2.1 |          |     |       |     | 5:51  | -0.3 | 6:39                                                                                | 5:33 |    |
| 8    | Tue | 2:05  | 2.2 | 11:31 AM | 0.9 | 9:08  | 0.7 | 6:36  | -0.4 | 6:39                                                                                | 5:34 |    |
| 9    | Wed | 2:40  | 2.3 | 12:37    | 0.9 | 9:23  | 0.7 | 7:18  | -0.4 | 6:39                                                                                | 5:34 |    |
| 10   | Thu | 3:12  | 2.3 | 1:29     | 1.0 | 9:44  | 0.6 | 7:56  | -0.4 | 6:39                                                                                | 5:35 |    |
| 11   | Fri | 3:43  | 2.2 | 2:15     | 1.0 | 10:09 | 0.6 | 8:33  | -0.3 | 6:39                                                                                | 5:36 |    |
| 12   | Sat | 4:10  | 2.1 | 2:59     | 1.0 | 10:35 | 0.5 | 9:07  | -0.2 | 6:39                                                                                | 5:36 |   |
| 13   | Sun | 4:35  | 2.0 | 3:43     | 1.0 | 11:04 | 0.4 | 9:39  | 0.0  | 6:39                                                                                | 5:37 |  |
| 14   | Mon | 4:56  | 1.9 | 4:30     | 1.0 | 11:33 | 0.4 | 10:08 | 0.2  | 6:39                                                                                | 5:38 |  |
| 15   | Tue | 5:13  | 1.8 | 5:23     | 1.0 |       |     | 12:03 | 0.3  | 6:39                                                                                | 5:38 |  |
| 16   | Wed | 5:26  | 1.6 | 6:33     | 1.0 |       |     | 12:34 | 0.3  | 6:39                                                                                | 5:39 |  |
| 17   | Thu | 5:31  | 1.5 | 8:40     | 1.0 |       |     | 1:10  | 0.2  | 6:39                                                                                | 5:40 |  |
| 18   | Fri | 5:24  | 1.3 |          |     |       |     | 1:54  | 0.2  | 6:39                                                                                | 5:40 |  |
| 19   | Sat | 4:12  | 1.3 |          |     |       |     | 2:54  | 0.1  | 6:39                                                                                | 5:41 |  |
| 20   | Sun | 12:51 | 1.4 |          |     |       |     | 4:00  | 0.0  | 6:39                                                                                | 5:42 |  |
| 21   | Mon | 1:06  | 1.6 |          |     |       |     | 4:58  | -0.1 | 6:39                                                                                | 5:42 |  |
| 22   | Tue | 1:28  | 1.8 |          |     |       |     | 5:45  | -0.2 | 6:39                                                                                | 5:43 |  |
| 23   | Wed | 1:53  | 2.0 | 11:14 AM | 0.8 | 8:58  | 0.7 | 6:27  | -0.3 | 6:39                                                                                | 5:44 |  |
| 24   | Thu | 2:20  | 2.1 | 12:25    | 0.9 | 8:56  | 0.6 | 7:06  | -0.4 | 6:38                                                                                | 5:44 |  |
| 25   | Fri | 2:49  | 2.2 | 1:20     | 1.0 | 9:13  | 0.6 | 7:45  | -0.5 | 6:38                                                                                | 5:45 |  |
| 26   | Sat | 3:18  | 2.3 | 2:12     | 1.1 | 9:36  | 0.5 | 8:24  | -0.4 | 6:38                                                                                | 5:46 |  |
| 27   | Sun | 3:47  | 2.2 | 3:03     | 1.1 | 10:05 | 0.4 | 9:05  | -0.3 | 6:38                                                                                | 5:46 |  |
| 28   | Mon | 4:15  | 2.2 | 3:57     | 1.2 | 10:35 | 0.3 | 9:46  | -0.1 | 6:38                                                                                | 5:47 |  |
| 29   | Tue | 4:41  | 2.0 | 4:56     | 1.2 | 11:08 | 0.1 | 10:30 | 0.2  | 6:37                                                                                | 5:48 |  |
| 30   | Wed | 5:04  | 1.8 | 6:06     | 1.2 | 11:44 | 0.1 | 11:18 | 0.5  | 6:37                                                                                | 5:48 |  |
| 31   | Thu | 5:22  | 1.6 | 7:44     | 1.3 |       |     | 12:23 | 0.0  | 6:37                                                                                | 5:49 |  |