

## Waimanalo, HI - Jan 1880

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Thu | 5:18  | 2.0 | 4:27     | 0.9 |       |     | 12:03 | 0.5  | 6:37                                                                                | 5:29 |    |
| 2    | Fri | 5:43  | 1.9 | 5:41     | 0.9 |       |     | 12:38 | 0.4  | 6:37                                                                                | 5:29 |    |
| 3    | Sat | 6:07  | 1.7 | 7:37     | 1.0 |       |     | 1:18  | 0.3  | 6:37                                                                                | 5:30 |    |
| 4    | Sun | 6:29  | 1.6 | 10:15    | 1.2 |       |     | 2:05  | 0.2  | 6:38                                                                                | 5:30 |    |
| 5    | Mon | 6:49  | 1.4 | 11:46    | 1.5 | 1:26  | 0.9 | 3:00  | 0.0  | 6:38                                                                                | 5:31 |    |
| 6    | Tue | 6:59  | 1.2 |          |     | 5:20  | 1.0 | 3:59  | -0.1 | 6:38                                                                                | 5:32 |    |
| 7    | Wed | 12:36 | 1.8 |          |     |       |     | 4:55  | -0.3 | 6:38                                                                                | 5:32 |    |
| 8    | Thu | 1:18  | 2.1 | 10:06 AM | 1.0 | 8:18  | 0.8 | 5:47  | -0.4 | 6:39                                                                                | 5:33 |    |
| 9    | Fri | 1:58  | 2.3 | 11:37 AM | 0.9 | 8:40  | 0.7 | 6:36  | -0.5 | 6:39                                                                                | 5:34 |    |
| 10   | Sat | 2:36  | 2.4 | 12:46    | 1.0 | 9:09  | 0.6 | 7:22  | -0.5 | 6:39                                                                                | 5:34 |    |
| 11   | Sun | 3:13  | 2.4 | 1:44     | 1.0 | 9:40  | 0.6 | 8:05  | -0.5 | 6:39                                                                                | 5:35 |    |
| 12   | Mon | 3:48  | 2.4 | 2:36     | 1.1 | 10:12 | 0.5 | 8:47  | -0.4 | 6:39                                                                                | 5:36 |    |
| 13   | Tue | 4:20  | 2.3 | 3:28     | 1.1 | 10:46 | 0.4 | 9:27  | -0.2 | 6:39                                                                                | 5:36 |   |
| 14   | Wed | 4:50  | 2.1 | 4:20     | 1.1 | 11:20 | 0.4 | 10:05 | 0.0  | 6:39                                                                                | 5:37 |  |
| 15   | Thu | 5:15  | 1.9 | 5:17     | 1.0 | 11:54 | 0.3 | 10:41 | 0.3  | 6:39                                                                                | 5:38 |  |
| 16   | Fri | 5:33  | 1.7 | 6:28     | 1.0 |       |     | 12:29 | 0.2  | 6:39                                                                                | 5:39 |  |
| 17   | Sat | 5:43  | 1.5 | 8:20     | 1.0 |       |     | 1:07  | 0.2  | 6:39                                                                                | 5:39 |  |
| 18   | Sun | 5:38  | 1.4 | 11:49    | 1.2 |       |     | 1:51  | 0.2  | 6:39                                                                                | 5:40 |  |
| 19   | Mon | 4:46  | 1.3 |          |     | 12:53 | 1.0 | 2:46  | 0.1  | 6:39                                                                                | 5:41 |  |
| 20   | Tue | 12:39 | 1.4 |          |     |       |     | 3:51  | 0.1  | 6:39                                                                                | 5:41 |  |
| 21   | Wed | 1:05  | 1.6 |          |     |       |     | 4:51  | 0.0  | 6:39                                                                                | 5:42 |  |
| 22   | Thu | 1:28  | 1.7 |          |     |       |     | 5:39  | -0.1 | 6:39                                                                                | 5:43 |  |
| 23   | Fri | 1:51  | 1.8 | 10:56 AM | 0.8 | 9:19  | 0.7 | 6:19  | -0.2 | 6:39                                                                                | 5:43 |  |
| 24   | Sat | 2:15  | 1.9 | 12:10    | 0.8 | 8:59  | 0.6 | 6:54  | -0.3 | 6:39                                                                                | 5:44 |  |
| 25   | Sun | 2:38  | 2.0 | 12:58    | 0.9 | 9:07  | 0.6 | 7:27  | -0.3 | 6:38                                                                                | 5:45 |  |
| 26   | Mon | 3:03  | 2.1 | 1:41     | 1.0 | 9:23  | 0.5 | 8:00  | -0.3 | 6:38                                                                                | 5:45 |  |
| 27   | Tue | 3:27  | 2.1 | 2:23     | 1.0 | 9:44  | 0.5 | 8:32  | -0.3 | 6:38                                                                                | 5:46 |  |
| 28   | Wed | 3:51  | 2.1 | 3:06     | 1.1 | 10:08 | 0.4 | 9:06  | -0.2 | 6:38                                                                                | 5:47 |  |
| 29   | Thu | 4:14  | 2.0 | 3:53     | 1.1 | 10:34 | 0.3 | 9:41  | 0.0  | 6:37                                                                                | 5:47 |  |
| 30   | Fri | 4:35  | 1.9 | 4:45     | 1.2 | 11:02 | 0.2 | 10:18 | 0.2  | 6:37                                                                                | 5:48 |  |
| 31   | Sat | 4:54  | 1.7 | 5:48     | 1.2 | 11:33 | 0.1 | 11:00 | 0.5  | 6:37                                                                                | 5:48 |  |