


































Waianae, HI - Jan 1999

| Date | | High | | | | Low | | | |  | |  |
|------|-----|-------|-----|----------|-----|-------|------|-------|------|---|------|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Fri | 4:06 | 2.3 | 3:59 | 0.7 | 11:10 | 0.1 | 9:24 | -0.3 | 7:10 | 6:02 |  |
| 2 | Sat | 4:48 | 2.3 | 4:49 | 0.7 | 11:53 | 0.0 | 10:07 | -0.2 | 7:11 | 6:02 |  |
| 3 | Sun | 5:29 | 2.2 | 5:39 | 0.7 | | | 12:36 | 0.0 | 7:11 | 6:03 |  |
| 4 | Mon | 6:10 | 2.1 | 6:32 | 0.7 | | | 1:17 | 0.0 | 7:11 | 6:04 |  |
| 5 | Tue | 6:50 | 1.9 | 7:32 | 0.7 | | | 1:59 | 0.0 | 7:11 | 6:04 |  |
| 6 | Wed | 7:30 | 1.7 | 8:41 | 0.8 | 12:23 | 0.2 | 2:41 | 0.1 | 7:12 | 6:05 |  |
| 7 | Thu | 8:10 | 1.5 | 10:00 | 0.9 | 1:19 | 0.4 | 3:24 | 0.1 | 7:12 | 6:05 |  |
| 8 | Fri | 8:54 | 1.3 | 11:17 | 1.0 | 2:34 | 0.6 | 4:07 | 0.1 | 7:12 | 6:06 |  |
| 9 | Sat | 9:45 | 1.1 | | | 4:12 | 0.7 | 4:50 | 0.1 | 7:12 | 6:07 |  |
| 10 | Sun | 12:19 | 1.2 | 10:47 AM | 0.9 | 5:57 | 0.7 | 5:31 | 0.0 | 7:12 | 6:07 |  |
| 11 | Mon | 1:07 | 1.4 | 11:52 AM | 0.8 | 7:26 | 0.6 | 6:11 | 0.0 | 7:12 | 6:08 |  |
| 12 | Tue | 1:46 | 1.5 | 12:51 | 0.7 | 8:28 | 0.5 | 6:48 | -0.1 | 7:12 | 6:09 |  |
| 13 | Wed | 2:22 | 1.7 | 1:41 | 0.7 | 9:13 | 0.4 | 7:25 | -0.1 | 7:12 | 6:10 |  |
| 14 | Thu | 2:56 | 1.8 | 2:26 | 0.6 | 9:51 | 0.3 | 8:01 | -0.2 | 7:13 | 6:10 |  |
| 15 | Fri | 3:30 | 1.9 | 3:07 | 0.6 | 10:26 | 0.2 | 8:37 | -0.2 | 7:13 | 6:11 |  |
| 16 | Sat | 4:03 | 2.0 | 3:46 | 0.6 | 11:01 | 0.1 | 9:13 | -0.2 | 7:13 | 6:12 |  |
| 17 | Sun | 4:37 | 2.0 | 4:26 | 0.7 | 11:36 | 0.1 | 9:50 | -0.2 | 7:13 | 6:12 |  |
| 18 | Mon | 5:11 | 2.0 | 5:08 | 0.7 | | | 12:11 | 0.0 | 7:13 | 6:13 |  |
| 19 | Tue | 5:47 | 2.0 | 5:55 | 0.7 | | | 12:47 | 0.0 | 7:12 | 6:14 |  |
| 20 | Wed | 6:23 | 1.9 | 6:49 | 0.8 | | | 1:24 | 0.0 | 7:12 | 6:14 |  |
| 21 | Thu | 7:01 | 1.7 | 7:54 | 0.9 | | | 2:03 | 0.0 | 7:12 | 6:15 |  |
| 22 | Fri | 7:42 | 1.5 | 9:11 | 1.0 | 12:59 | 0.3 | 2:45 | 0.0 | 7:12 | 6:16 |  |
| 23 | Sat | 8:30 | 1.3 | 10:33 | 1.2 | 2:20 | 0.5 | 3:31 | -0.1 | 7:12 | 6:16 |  |
| 24 | Sun | 9:28 | 1.1 | 11:47 | 1.4 | 4:11 | 0.6 | 4:20 | -0.1 | 7:12 | 6:17 |  |
| 25 | Mon | 10:44 | 0.9 | | | 6:07 | 0.6 | 5:12 | -0.1 | 7:12 | 6:18 |  |
| 26 | Tue | 12:48 | 1.7 | 12:05 | 0.7 | 7:41 | 0.5 | 6:04 | -0.2 | 7:11 | 6:18 |  |
| 27 | Wed | 1:40 | 1.9 | 1:15 | 0.7 | 8:45 | 0.3 | 6:56 | -0.2 | 7:11 | 6:19 |  |
| 28 | Thu | 2:27 | 2.0 | 2:15 | 0.7 | 9:34 | 0.2 | 7:46 | -0.3 | 7:11 | 6:20 |  |
| 29 | Fri | 3:10 | 2.1 | 3:06 | 0.7 | 10:14 | 0.0 | 8:33 | -0.3 | 7:11 | 6:20 |  |
| 30 | Sat | 3:51 | 2.1 | 3:53 | 0.7 | 10:51 | 0.0 | 9:18 | -0.3 | 7:10 | 6:21 |  |
| 31 | Sun | 4:30 | 2.1 | 4:38 | 0.8 | 11:25 | -0.1 | 10:02 | -0.2 | 7:10 | 6:22 |  |