




































Makena, HI - Dec 2012

| Date | | High | | | | Low | | | |  | |  |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Sat | 5:40 | 1.8 | 4:15 | 0.9 | | | 12:07 | 0.5 | 6:46 | 5:44 |  |
| 2 | Sun | 6:14 | 1.7 | 4:47 | 0.9 | | | 12:52 | 0.5 | 6:46 | 5:44 |  |
| 3 | Mon | 6:50 | 1.7 | 5:29 | 0.8 | | | 1:43 | 0.5 | 6:47 | 5:44 |  |
| 4 | Tue | 7:28 | 1.6 | 6:43 | 0.7 | | | 2:41 | 0.5 | 6:48 | 5:44 |  |
| 5 | Wed | 8:10 | 1.5 | 9:13 | 0.8 | 12:16 | 0.3 | 3:40 | 0.4 | 6:48 | 5:44 |  |
| 6 | Thu | 8:58 | 1.4 | 11:35 | 0.9 | 1:22 | 0.5 | 4:30 | 0.3 | 6:49 | 5:45 |  |
| 7 | Fri | 9:52 | 1.3 | | | 3:33 | 0.6 | 5:12 | 0.2 | 6:49 | 5:45 |  |
| 8 | Sat | 12:45 | 1.2 | 10:49 AM | 1.2 | 5:41 | 0.6 | 5:52 | 0.0 | 6:50 | 5:45 |  |
| 9 | Sun | 1:32 | 1.5 | 11:45 AM | 1.2 | 7:04 | 0.6 | 6:32 | -0.1 | 6:51 | 5:45 |  |
| 10 | Mon | 2:14 | 1.8 | 12:39 | 1.1 | 8:05 | 0.5 | 7:12 | -0.2 | 6:51 | 5:46 |  |
| 11 | Tue | 2:55 | 2.0 | 1:31 | 1.1 | 8:58 | 0.5 | 7:53 | -0.3 | 6:52 | 5:46 |  |
| 12 | Wed | 3:37 | 2.1 | 2:19 | 1.1 | 9:47 | 0.4 | 8:35 | -0.4 | 6:52 | 5:46 |  |
| 13 | Thu | 4:18 | 2.2 | 3:07 | 1.1 | 10:34 | 0.4 | 9:18 | -0.4 | 6:53 | 5:47 |  |
| 14 | Fri | 4:59 | 2.2 | 3:54 | 1.0 | 11:21 | 0.4 | 10:01 | -0.3 | 6:54 | 5:47 |  |
| 15 | Sat | 5:41 | 2.1 | 4:42 | 1.0 | | | 12:08 | 0.4 | 6:54 | 5:47 |  |
| 16 | Sun | 6:21 | 2.0 | 5:34 | 0.9 | | | 12:56 | 0.4 | 6:55 | 5:48 |  |
| 17 | Mon | 7:01 | 1.8 | 6:38 | 0.9 | | | 1:47 | 0.4 | 6:55 | 5:48 |  |
| 18 | Tue | 7:41 | 1.6 | 8:10 | 0.8 | 12:08 | 0.2 | 2:40 | 0.3 | 6:56 | 5:49 |  |
| 19 | Wed | 8:19 | 1.4 | 10:27 | 0.9 | 12:55 | 0.4 | 3:36 | 0.3 | 6:56 | 5:49 |  |
| 20 | Thu | 8:59 | 1.2 | | | 2:08 | 0.6 | 4:30 | 0.2 | 6:57 | 5:50 |  |
| 21 | Fri | 12:27 | 1.1 | 9:44 AM | 1.1 | 4:50 | 0.7 | 5:17 | 0.1 | 6:57 | 5:50 |  |
| 22 | Sat | 1:24 | 1.3 | 10:41 AM | 1.0 | 7:09 | 0.7 | 5:58 | 0.1 | 6:58 | 5:51 |  |
| 23 | Sun | 2:01 | 1.5 | 11:42 AM | 0.9 | 8:14 | 0.6 | 6:34 | 0.0 | 6:58 | 5:51 |  |
| 24 | Mon | 2:31 | 1.6 | 12:36 | 0.9 | 8:50 | 0.6 | 7:08 | -0.1 | 6:59 | 5:52 |  |
| 25 | Tue | 2:59 | 1.7 | 1:22 | 0.9 | 9:18 | 0.5 | 7:42 | -0.1 | 6:59 | 5:52 |  |
| 26 | Wed | 3:27 | 1.8 | 2:02 | 0.9 | 9:44 | 0.5 | 8:15 | -0.2 | 7:00 | 5:53 |  |
| 27 | Thu | 3:55 | 1.8 | 2:39 | 0.9 | 10:11 | 0.4 | 8:48 | -0.2 | 7:00 | 5:53 |  |
| 28 | Fri | 4:24 | 1.9 | 3:15 | 0.9 | 10:40 | 0.4 | 9:20 | -0.2 | 7:00 | 5:54 |  |
| 29 | Sat | 4:52 | 1.9 | 3:49 | 0.9 | 11:10 | 0.4 | 9:52 | -0.2 | 7:01 | 5:55 |  |
| 30 | Sun | 5:21 | 1.8 | 4:25 | 0.9 | 11:41 | 0.4 | 10:24 | -0.1 | 7:01 | 5:55 |  |

| Date | | High | | | | Low | | | |  | |  |
|-----------|-----|-------------|-----|-------------|-----|-----|----|--------------|-----|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 31 | Mon | 5:48 | 1.8 | 5:03 | 0.9 | | | 12:13 | 0.3 | 7:02 | 5:56 |  |