


































Haleiwa, Waialua Bay, HI - Dec 2019

| Date | | High | | | | Low | | | |  | |  |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|---|------|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Sun | 6:35 | 1.6 | 7:39 | 0.5 | | | 1:16 | 0.2 | 6:54 | 5:48 |  |
| 2 | Mon | 7:27 | 1.4 | 9:21 | 0.6 | | | 2:09 | 0.2 | 6:54 | 5:49 |  |
| 3 | Tue | 8:23 | 1.3 | 10:37 | 0.7 | | | 2:53 | 0.2 | 6:55 | 5:49 |  |
| 4 | Wed | 9:19 | 1.2 | 11:25 | 0.9 | 1:31 | 0.6 | 3:29 | 0.1 | 6:56 | 5:49 |  |
| 5 | Thu | 10:11 | 1.1 | | | 3:07 | 0.6 | 4:00 | 0.1 | 6:56 | 5:49 |  |
| 6 | Fri | 12:01 | 1.1 | 10:58 AM | 1.0 | 4:23 | 0.6 | 4:29 | 0.0 | 6:57 | 5:49 |  |
| 7 | Sat | 12:34 | 1.2 | 11:41 AM | 1.0 | 5:26 | 0.5 | 4:56 | 0.0 | 6:57 | 5:49 |  |
| 8 | Sun | 1:05 | 1.4 | 12:21 | 0.9 | 6:20 | 0.4 | 5:23 | -0.1 | 6:58 | 5:50 |  |
| 9 | Mon | 1:37 | 1.5 | 1:00 | 0.8 | 7:09 | 0.4 | 5:51 | -0.1 | 6:59 | 5:50 |  |
| 10 | Tue | 2:09 | 1.7 | 1:39 | 0.7 | 7:56 | 0.3 | 6:20 | -0.1 | 6:59 | 5:50 |  |
| 11 | Wed | 2:44 | 1.8 | 2:19 | 0.6 | 8:42 | 0.2 | 6:51 | -0.1 | 7:00 | 5:51 |  |
| 12 | Thu | 3:21 | 1.8 | 3:01 | 0.6 | 9:29 | 0.2 | 7:25 | -0.1 | 7:01 | 5:51 |  |
| 13 | Fri | 4:01 | 1.9 | 3:47 | 0.5 | 10:18 | 0.1 | 8:02 | -0.1 | 7:01 | 5:51 |  |
| 14 | Sat | 4:43 | 1.9 | 4:40 | 0.5 | 11:08 | 0.1 | 8:44 | 0.0 | 7:02 | 5:52 |  |
| 15 | Sun | 5:29 | 1.8 | 5:47 | 0.5 | | | 12:01 | 0.1 | 7:02 | 5:52 |  |
| 16 | Mon | 6:18 | 1.7 | 7:14 | 0.5 | | | 12:53 | 0.1 | 7:03 | 5:52 |  |
| 17 | Tue | 7:11 | 1.6 | 8:48 | 0.7 | | | 1:44 | 0.0 | 7:03 | 5:53 |  |
| 18 | Wed | 8:08 | 1.4 | 10:08 | 0.9 | 12:04 | 0.4 | 2:29 | 0.0 | 7:04 | 5:53 |  |
| 19 | Thu | 9:08 | 1.3 | 11:09 | 1.1 | 1:54 | 0.5 | 3:11 | -0.1 | 7:05 | 5:54 |  |
| 20 | Fri | 10:09 | 1.1 | 11:59 | 1.4 | 3:37 | 0.5 | 3:49 | -0.1 | 7:05 | 5:54 |  |
| 21 | Sat | 11:07 | 0.9 | | | 5:04 | 0.5 | 4:25 | -0.2 | 7:06 | 5:55 |  |
| 22 | Sun | 12:44 | 1.6 | 12:01 | 0.8 | 6:15 | 0.4 | 5:01 | -0.2 | 7:06 | 5:55 |  |
| 23 | Mon | 1:26 | 1.8 | 12:52 | 0.7 | 7:14 | 0.3 | 5:36 | -0.2 | 7:07 | 5:56 |  |
| 24 | Tue | 2:06 | 1.9 | 1:41 | 0.6 | 8:05 | 0.2 | 6:12 | -0.2 | 7:07 | 5:56 |  |
| 25 | Wed | 2:45 | 1.9 | 2:27 | 0.6 | 8:50 | 0.1 | 6:49 | -0.2 | 7:07 | 5:57 |  |
| 26 | Thu | 3:23 | 1.9 | 3:11 | 0.5 | 9:32 | 0.1 | 7:26 | -0.1 | 7:08 | 5:57 |  |
| 27 | Fri | 4:01 | 1.9 | 3:56 | 0.5 | 10:11 | 0.1 | 8:03 | -0.1 | 7:08 | 5:58 |  |
| 28 | Sat | 4:39 | 1.8 | 4:42 | 0.5 | 10:50 | 0.1 | 8:41 | 0.0 | 7:09 | 5:58 |  |
| 29 | Sun | 5:16 | 1.7 | 5:34 | 0.5 | 11:30 | 0.1 | 9:20 | 0.1 | 7:09 | 5:59 |  |
| 30 | Mon | 5:53 | 1.5 | 6:39 | 0.5 | | | 12:12 | 0.1 | 7:09 | 6:00 |  |
| 31 | Tue | 6:31 | 1.4 | 8:02 | 0.6 | | | 12:57 | 0.1 | 7:10 | 6:00 |  |