US HARBORS www.USHarbors.com

# Waianae, HI - Dec 2048

| Date | | High | | | | Low | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Tue | 1:30 | 1.7 | 12:32 | 1.0 | 7:46 | 0.6 | 6:46 | -0.1 | 6:54 | 5:49 | |
| 2 | Wed | 2:10 | 1.9 | 1:25 | 0.9 | 8:49 | 0.5 | 7:22 | -0.2 | 6:55 | 5:49 | |
| 3 | Thu | 2:51 | 2.2 | 2:18 | 0.8 | 9:44 | 0.3 | 8:01 | -0.3 | 6:55 | 5:49 | |
| 4 | Fri | 3:34 | 2.3 | 3:09 | 0.7 | 10:36 | 0.2 | 8:43 | -0.3 | 6:56 | 5:50 | |
| 5 | Sat | 4:18 | 2.4 | 4:01 | 0.7 | 11:26 | 0.1 | 9:27 | -0.3 | 6:57 | 5:50 | |
| 6 | Sun | 5:03 | 2.4 | 4:55 | 0.7 | | | 12:15 | 0.1 | 6:57 | 5:50 | |
| 7 | Mon | 5:49 | 2.4 | 5:54 | 0.7 | | | 1:04 | 0.1 | 6:58 | 5:50 | |
| 8 | Tue | 6:36 | 2.3 | 7:00 | 0.7 | | | 1:53 | 0.1 | 6:59 | 5:51 | |
| 9 | Wed | 7:24 | 2.1 | 8:17 | 0.8 | | | 2:41 | 0.1 | 6:59 | 5:51 | |
| 10 | Thu | 8:13 | 1.8 | 9:43 | 0.9 | 1:01 | 0.4 | 3:28 | 0.0 | 7:00 | 5:51 | |
| 11 | Fri | 9:04 | 1.6 | 11:06 | 1.1 | 2:25 | 0.6 | 4:12 | 0.0 | 7:01 | 5:51 | |
| 12 | Sat | 10:00 | 1.3 | | | 4:10 | 0.8 | 4:54 | 0.0 | 7:01 | 5:52 | |
| 13 | Sun | 12:12 | 1.4 | 10:59 AM | 1.1 | 6:01 | 0.8 | 5:33 | 0.0 | 7:02 | 5:52 | |
| 14 | Mon | 1:03 | 1.6 | 11:59 AM | 0.9 | 7:39 | 0.7 | 6:10 | 0.0 | 7:02 | 5:53 | |
| 15 | Tue | 1:46 | 1.8 | 12:56 | 0.8 | 8:49 | 0.6 | 6:45 | -0.1 | 7:03 | 5:53 | |
| 16 | Wed | 2:25 | 1.9 | 1:46 | 0.7 | 9:39 | 0.4 | 7:21 | -0.1 | 7:03 | 5:53 | |
| 17 | Thu | 3:00 | 2.0 | 2:31 | 0.6 | 10:17 | 0.3 | 7:56 | -0.1 | 7:04 | 5:54 | |
| 18 | Fri | 3:35 | 2.0 | 3:12 | 0.6 | 10:50 | 0.3 | 8:32 | -0.1 | 7:04 | 5:54 | |
| 19 | Sat | 4:08 | 2.0 | 3:50 | 0.6 | 11:20 | 0.2 | 9:07 | -0.1 | 7:05 | 5:55 | |
| 20 | Sun | 4:40 | 2.0 | 4:28 | 0.6 | 11:51 | 0.2 | 9:42 | -0.1 | 7:05 | 5:55 | |
| 21 | Mon | 5:12 | 2.0 | 5:06 | 0.6 | | | 12:22 | 0.2 | 7:06 | 5:56 | |
| 22 | Tue | 5:44 | 1.9 | 5:47 | 0.6 | | | 12:55 | 0.2 | 7:06 | 5:56 | |
| 23 | Wed | 6:14 | 1.9 | 6:35 | 0.7 | | | 1:29 | 0.1 | 7:07 | 5:57 | |
| 24 | Thu | 6:45 | 1.8 | 7:33 | 0.7 | | | 2:03 | 0.1 | 7:07 | 5:57 | |
| 25 | Fri | 7:17 | 1.6 | 8:44 | 0.8 | 12:13 | 0.4 | 2:38 | 0.1 | 7:08 | 5:58 | |
| 26 | Sat | 7:51 | 1.4 | 10:04 | 1.0 | 1:12 | 0.6 | 3:14 | 0.1 | 7:08 | 5:58 | |
| 27 | Sun | 8:30 | 1.3 | 11:16 | 1.2 | 2:44 | 0.7 | 3:52 | 0.0 | 7:09 | 5:59 | |
| 28 | Mon | 9:21 | 1.0 | | | 4:44 | 0.8 | 4:33 | 0.0 | 7:09 | 6:00 | |
| 29 | Tue | 12:15 | 1.5 | 10:30 AM | 0.9 | 6:34 | 0.7 | 5:16 | -0.1 | 7:09 | 6:00 | |
| 30 | Wed | 1:05 | 1.7 | 11:51 AM | 0.7 | 7:58 | 0.6 | 6:03 | -0.2 | 7:10 | 6:01 | |

| Date | | High | | | | Low | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 31 | Thu | **1:51** | 2.0 | **1:04** | 0.6 | **8:58** | 0.4 | **6:57** | -0.3 | 7:10 | 6:01 | |