

# The 40Meter.net web site

The 40 Meter web site has evolved over the past 10 years to support HF communications in Hawaii, one of the most important interisland Amateur Radio communication media in Hawaii. Recently it has been extended to support VHF and UHF nets.

This web site provides education, propagation, net control management, and many other useful functions for new and even experienced Amateurs. There is a lot of information on six pages with real-time information about HF activities in the Pacific.

It is well worth the time learning about so many aspects of our HF privileges.

<http://40meter.net>

# Home Page – Left Column

**40meter.net**  
Supporting Ham Radio in Hawaii

**Hawaiian Time**  
TUE 2/11/2020  
20:17:42

**GMT/UTC Time**  
WED 2/12/2020  
06:17:42

**Talk Timer 00:00**  
start stop reset

Reset the Clocks  
Check Your Compter's Clock

<b>Weather</b> <a href="#">Hawaii WXR map</a> <a href="#">Hurricane Center</a> <a href="#">E. Pacific Loop</a> <a href="#">HI Wxr Radar</a> <a href="#">Satellite Weather</a>	<b>Lightning</b> <a href="#">Local Lightning</a> <a href="#">Volcano/Vog</a> <a href="#">Hawaii Vog Map</a> <a href="#">Earthquakes</a> <a href="#">Volcano</a>	<b>Propagation</b> <a href="#">VOACAP</a> <a href="#">Reverse Bcns</a> <a href="#">FT8 Reporter</a> <a href="#">Trans EQ MAP</a>
<b>Other Links</b> <a href="#">RFI &amp; NOISE!</a> <a href="#">GMT to HST</a> <a href="#">Fldigi</a> <a href="#">WJST-X</a> <a href="#">Dipole Tuning</a> <a href="#">ARRL Band Plan</a> <a href="#">Azimuth Maps</a>	<b>Equipment</b> <a href="#">Swap &amp; Shop</a> <a href="#">Craigslist</a> <a href="#">Antenna Rope</a> <a href="#">Antenna Supplies</a> <a href="#">SWR Explained!</a> <a href="#">Antenna Handbook</a>	<b>40meter.net</b> <a href="#">The NCO List</a> <a href="#">Facebook</a> <a href="#">HF Log</a> <a href="#">VHF/UHF Log</a> <a href="#">Email AH6GT</a>

**AIGVN/KH6 SDR - Kahakuloa, Maui**  
 7.188 7.088 5.371.5 3.880 1.857  
 7095 ← Alternet Net Frequencies ⇒ 3.888

**NH6XO SDR - Kaneohe, Oahu**  
 7.188 7.088 5.371.5 3.880 1.857  
 7.095 ← Alternet Net Frequencies ⇒ 3.888

**VHF/UHF/DMR Repeaters in Hawaii**  
[HI Allstar Map](#) [HI Allstar Nodes](#)  
[KH7MS - DMR in Hawaii](#) [HI Coordinated Repeaters](#)

Below the header graphics are

Hawaii Time and GMT clocks

A timer that can be used to monitor transmit .time

Hosted and remote websites links for

Weather, Lightning  
Volcano,  
Propagation

Ham radio interest,  
Equipment and  
40meter.net  
administrative and  
social media links.

SDR preprogrammed  
buttons for popular HF  
net frequencies on Maui  
and Oahu SDR radios

Links to sites of interest  
to VHF/UHF/DMR  
repeater and nets.

# Home Page - Center Column

The screenshot shows a web interface with a color-coded map of the Pacific Rim. The map is titled "Map refreshes every 5 minutes." and has a legend at the top with 11 color swatches labeled 1 through 11 Mhz. The map shows various colored regions representing different frequency bands. Below the map is a navigation bar with buttons for "NVIS MAP", "NVIS & Solar Data", "Wind & Weather", "Pacific Lightning", "Links", "Notices!", "Cellphone Notifications", and "Making Signal Reports". Below the navigation bar is a "Post a message to The QRZ BOX" section with a form for entering a callsign and a message, and a "POST" button. Below the form is a log of recent activity with entries for "KH6PXM: Who's running the Net?" and "WH6BY: Copying AH6V just fine on 20m.". At the bottom of the log is a button for "Email AH6GT" and a link for "Here's How".

The top frame displays information selected by clicking on buttons below it.

NVIS MAP: displays a colorful map of the Pacific Rim and the current frequencies the current foF2 layer is reflecting.

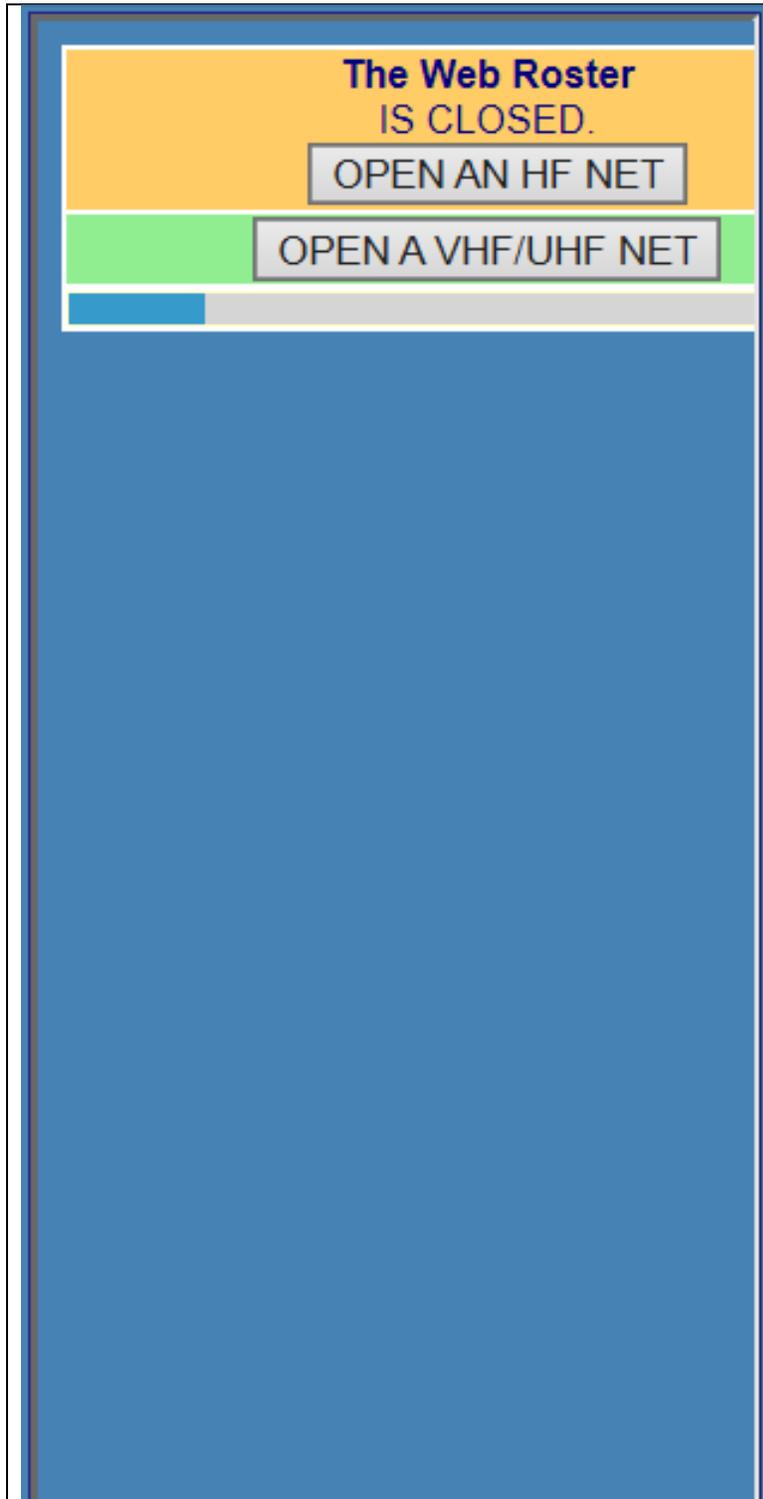
The VVIS & Solar Data page, a useful tool for HF Net Control Stations selecting the best band during changing propagation conditions.

The WINDY.COM Weather Page to monitor weather around the Hawaiian Islands

A satellite view of the Pacific showing locations of current lightning activity.

Notifications allows cellphone users to START or STOP receiving text messages when an HF net is opened, or another station makes a general announcement.

## Home Page - Right Column



When a net is opened, this is where the list of stations created by the Net Control Station.

The small blue bar is a 20 second timer. Both the Web Roster and the QRZ Box refresh every 20 seconds.

The website can accommodate one HF and one VHF/UHF net at the same time. An HF net has an orange background, the VHF/UHF a green one.

The two buttons that appear when no nets open will bring up the ROSTER EDITOR to be used by the Net Control Stations. These buttons disappear when the Web Roster is opened

Clicking on a callsign in the Web Roster will open a window that displays stations that frequently checking to the net. NCS can confirm a station in this list just by clicking on the callsign. Stations not in the list are enter from the keyboard.