

# Table of Contents

<b>AREDN</b> .....	1
<b><i>A Quick Note</i></b> .....	1



# AREDN



- [AREDN](#) (Amateur Radio Emergency Data Network) is a project aimed at using wifi devices flashed with an [open firmware](#) to create a computer network independent of the internet. Since hams have access to sections of the [2.4 GHz](#) and [5.8 GHz](#) bands that regular wifi devices don't, those channels are quieter and longer distances can be achieved with directional antennas.
- [NARA](#) on the Vancouver Island is doing a lot of work to create this network in our area, and more people on the West Coast have started experimenting with some of the equipment.
- [This map](#) shows the nodes that are live in the area.
- [This site](#) is useful to model line of sight, including the [Fresnel zone](#).
- [This message board](#) is very active with local hams and is the best place to ask questions.



The new stable release of the AREDN firmware (3.22.1.0) is now available.

- See [here for more info](#)
- [Download here](#)

## A Quick Note

We've tried to make this website as accessible as possible to the general public. However, some links can only be accessed while connected to AREDN. When that's the case, links will have this mesh icon on the left  instead of the regular globe . For example:

- <https://wcairedn.ca> is accessible to everyone.
- [!\[\]\(d27edc55493507da2f9b8c7a52b3b96f\_img.jpg\)http://va7fi-linux.local.mesh/wiki](http://va7fi-linux.local.mesh/wiki) is only accessible when connected to AREDN.

From:

<https://wcairedn.ca/> - **West Coast  
AREDN**

Permanent link:

<https://wcairedn.ca/home>

Last update: **2022/01/16 17:36**