



Niagara/GTA ARES

March 16, 2021

Volume 5 Issue 3

Special Points of Interest:

- Niagara ARES Member Newsletter will be published periodically and emailed to ARES members in the Niagara Region. / Website: <http://www.aresniagara.ca/>
- Niagara ARES CEC is Henry, VA3OV.
- Contact Henry at: va3ov@bell.net.
- Newsletter prepared by Geddie, VE3CJX.
- To unsubscribe from this newsletter, contact Geddie at ve3cjx@cogeco.ca
- **Niagara ARES Voice Net every Monday 8:00pm on VE3RAF / switching to VE3RFM (UHF)**
- **Packet Net on Wednesdays.**

[Join In. Say Hello!](#)

[March 17th](#)

[a Good Day to Participate in our next](#)

[On-line ARES meeting \(19:00 hr\) & Technite at 19:30 local time](#)

[Learn about](#)

[NVIS Antenna Features](#)

NVIS...Check it Out

Headlining our latest on-line meeting last month, Jason Tremblay, our RAC Community Services Director presented enthusiastically on the future path for ARES and Public Services in Canada offering promises that our national organization has plans to move ARES into the future. Check out the general details at the <https://www.rac.ca/about-rac/> as well as our local website <https://aresniagara.ca>.

The **Niagara ARES weekly Monday night net** is well attended from within the region and beyond on VE3RAF 145.190MHz. We plan to continue to hold ZOOM meetings to share information and offer ongoing ARES training. Also, we continue to invite especially newly licensed radio operators to get on the air Monday to Friday at 0900 to the Niagara Social Net. NPARC is also hosting ZOOM Virtual Breakfast Meetups at 0900 on the first and third Tuesday of the month. You are invited to send an email to webmaster@nparc.ca and let us know so a link can be sent out beforehand.

We see a resurgence of hams using Winlink Packet and VARA-FM. In Northern Ontario, Manitoba, Alberta, they are primarily using Winlink VARA-HF P2P to pass messages to EOC's and PEC's during their exercises.

Following up on some concerns expressed at our last October SET debriefing regarding existing communications between Southern and Northern Ontario ARES Sections.

Peel, York and Niagara ARES are busy building a core group of HF stations capable to pass messages using digital and voice mode. The main component to make this a successful project is implementation of an antenna system capable to provide proper communication to cover HF coverage from 20 km to 400 km. The **NVIS (Near Vertical Incidence Skywave) antenna** offers the appropriate characteristic that we are looking for.

Our March meeting agenda is light on activity, and includes a Technite /NVIS Antenna building session. Please join us if you can.

1900 to 1930

Niagara ARES meeting

1930 to 2100

**Antenna building NVIS (80M to 20M)
VHF/UHF antenna building.**

Check the following for information for NVIS antenna:

https://www.w8ji.com/nvis_n_v_i_s_antenna.htm

<https://ve3ips.wordpress.com/2017/09/01/nvis-806040m-correct-as-2259-values>

<https://static.dxengineering.com/pdf/WP-NVIS-Rev2.pdf>

This is just a sample of the information that is available on the web. There are also many theories you can work on. The proof is in the results, making contacts. The antenna needs to be simple, deployable and low cost. We will review the various designs available and select a couple that we deem to be viable and be in a position to test the various antennas and report on their performance at our meeting scheduled in April.

At our April Technite: FOX HUNT , antenna building and theory.

Check the aresniagara.ca web site calendar of events for up to date information.

**Next Meeting on Zoom, Wednesday, March 17 2021 at 1900
See you there!**

Check your email for an invitation prior to the meeting to prevent any issues.
If you have any questions regarding the Niagara ARES activities
you can contact me at the address below.

73 Be prepared. Stay safe.

Henry Jarzyna VA3OV
EC, CEC Niagara ARES
va3ov@bell.net
289-407-4499

