



Niagara ARES

August 3, 2017

Volume 1, Issue 25

Special points of interest:

- Niagara ARES Newsletter will be published periodically and emailed to ARES members in the Niagara Region.
- 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@gmail.com
- Niagara ARES Net every Monday 8:00pm VE3RAF.

Contents

- Niagara ARES News from Henry, VA3OV, GC, CEC.
- Canal Days & Ride for Kids
- Canada Day Parade in Niagara Falls.
- Links on Weather and Radar
- Solar Eclipse: Aug. 21, 2017

One third of summer has gone by. We are expecting some severe weather to come by and disturb our daily routine. Water levels in our waterways are at all time highs. Low lying areas are constantly threatened by floods. Thunderstorms delivering 1 inch of rain per hour are common these days. It is time we apply the CANWARN training and become vigilant by monitoring the Weather Channel, Environment Canada Alerts and the **CANWARN Net** on 145.190 MHz repeater. As individuals, we need to remain vigilant and ready for community scale emergencies.

On a festive note, **Canal Days in Port Colborne** from *August 4 to August 7*. NPARC will have a special event station operating during the festivities. Check the **NPARC web site** for more details.

The next special event is the **Ride for Kids**. This is a big event covering a large territory in the Niagara Peninsula and beyond for 3 consecutive days from *Friday August 18 to Sunday August 20*. Each day there are 3 circuits of various distances from 60 km to 240 km of cycling along country roads. **This may be our way to Help the Kids**. If you are interested in participating as a radio operator volunteer, I encourage you to **read on** in details the information given in these sites. This is a great opportunity for our amateur radio community to come forward and demonstrate that we will commit our time and equipment for a good cause. The web site links for more information are :

<http://www.meskes.ca/tfk/> and www.tourforkids.com

This event is different from anything we have done in the past, it will test our equipment, communications skills and navigation skills. You can volunteer your time in blocks of 2 to 4 hours throughout the day, **there is no need to commit a full day**. We do require from 8 to 12 volunteers per day for an effective coverage of the event. Please let me know if you will volunteer especially as regards your availability for either Friday, Saturday or Sunday and preferred time frames. Some races start at approximately at 7:30 AM and end at 16:30. This is a mobile operation, so we may have to move along the course to provide assistance, water and food. **Send your questions, comments and your desire to participate to va3ov@bell.net or call me at 289-407-4499.** **So far I have only 4 volunteers registered. We are running out of time.**



CANADA 150



CANADA 150



CANADA 150

On the agenda for our next meeting:

Are we ready for a 24 hours deployment?

Bring your mobile VHF/UHF station or Go Kit for demonstration and evaluation. I will bring an antenna analyzer to check the antenna and transmission line performance. Bring individual items (or a list there off) that you would use for such deployment.

Our next ARES Meeting is on August 16 at 1900H
Niagara Regional Headquarters, Rm C103 at,1815 Sir Isaac Brock Way, Thorold, ON.

Our continued participation in public service events is a reflection of our commitment to our community. I have great expectations from our amateur radio group.

Thanks 73

Henry VA3OV
GC, CEC Niagara ARES
Field Day Manager
va3ov@bell.net



Canada Day 150 in Niagara Falls

Photos from: <https://www.facebook.com/CityOfNiagaraFallsCanada>; and flag by VE3CJX.

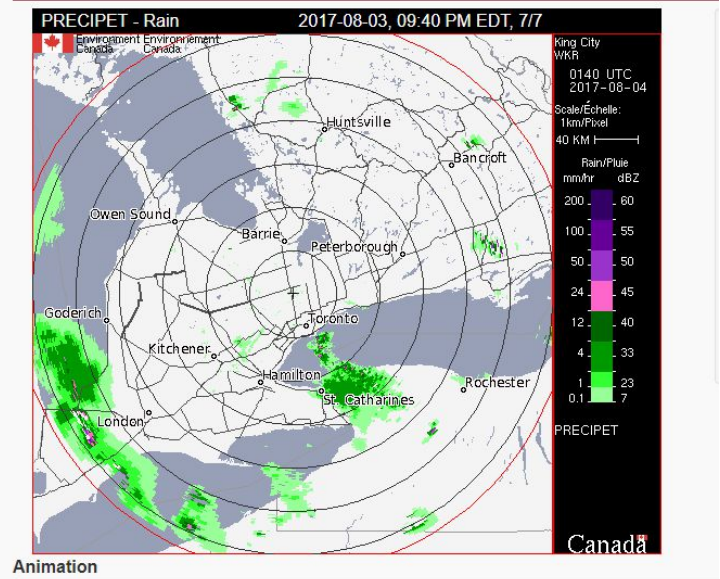
Outrageous Hurricanes in Canada... have a Look...

<https://www.ec.gc.ca/ouragans-hurricanes/> and <https://www.youtube.com/watch?v=n7RH1KDoUMA>



From: http://weather.gc.ca/canada_e.html

Weather Radar - King City, ON



weather.gc.ca/radar/index_e.html?id=WKR

Radar Applications:

<https://www.youtube.com/channel/UCdPRKH8tj1VTsTdDc8c8fGg>

Explanation of How a Radar Operates:

Radar is a vital tool for weather forecasting. Environment and Climate Change Canada currently operates over 30 radars from coast to coast. As part of the ongoing radar renewal projects, many of these radars will be upgraded and new radars installed. These upgrades will allow meteorologists to produce more accurate weather warnings and forecasts.

Each radar sends out pulses of “electromagnetic energy”, which encounters precipitation targets such as rain droplets, snowflakes and hail. The returned energy from the radar is then processed and turned into a variety of weather products such as the standard color radar image, which depicts precipitation intensity. Doppler radar imagery allows meteorologists to more accurately forecast summer tornadoes, winter freezing rain and wind shear for aviation safety during take-off and landing. Radars are key in supporting Environment and Climate Change Canada’s mandate to inform Canadians, keeping them safe and able to plan and adapt to our diverse spectrum of weather as well as minimizing the potential for property damage. (From the Environment and Climate Change Canada web site.)

Don't Forget: Total Solar Eclipse of August 21, 2017!

7/10/1972	Northern Alaska only. This might also have been the eclipse that Carly Simon was referring to in her 1972 song " <u>You're so vain</u> ".... They were both visible from Nova Scotia! (The song came out in December of 72, so it's unlikely that it was this one, but hey - you never know!
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From: <http://www.eclipse2017.org/2017/maps.htm>