



Niagara ARES

January 1, 2019

Volume 3 Issue 41

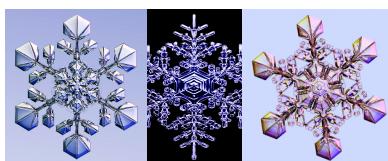
Special points of interest:

- Niagara ARES 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 VE3RAF & Packet Net on Wednesdays.**

Contents:

- **Join in the ARES Monday and Wednesday Nets, etc., Read about snowflakes, CoCoRaHs, Provincial EST Training on -line and water levels in Lake Ontario.**
- **When's the Next Meeting?**

January 16, 2019



Facing the New Year!

My best wishes for 2019 to everyone. 2019 will be a busy year. **Be ready. Be prepared.**

Another year has come and gone. We had a busy year participating in various Hamfests, including volunteering in many public service events.

Some of us were instrumental in setting up and operating HF radio stations during public events (Balls Falls Conservation Area, Canal Days, Fort George in Niagara on the Lake).

We took part in the spring and fall **SET Exercises**. It was concluded that we need to continue training in voice and digital communications. The failures of our computers during the exercise limited our capability to communicate.

In October we participated in the **Regional Emergency Management Conference**. The various first responders were represented (Police, Fire, EMS, some municipal managers), radio communications is not a concern at this time.

In the November/ December issue of **TCA** you will find some interesting articles covering emergencies that occurred in Canada in the last 20 years. During some of these emergencies, Amateur Radio were utilized to their full potential.

RAC, Salvation Army, Red Cross, St Johns Ambulance and the Canadian Government (Policy and Outreach for Public Safety) are shifting their approach to disaster management that would improve the understanding of disaster risks.

At this time, it will be in ARES' interest to shift our attention to the NGO's for our next client base but we can not ignore our present partners that already (or may) provide services and infrastructure.

For 2019 we will need to **reopen our contacts with the Regional NGO's and build a working relationship. We have some work ahead of us.**

We will continue:

- training in message and traffic handling;
- offering our assistance in public service events;
- demonstrating our hobby to the public; and
- participating in community and radio events such as: the CNPOTA,
Canadian National Park On The Air.

We will also continue to hold Packet/Winlink nets on an informal basis.

Next Meeting Topic: Be Prepared. Be Safe.

Are You Ready to be isolated from the outside world for a period of 120 hours (5 days) in time of catastrophic emergency (flood, ice storm, snow storm, power outage)?

What are the steps you have taken to survive?

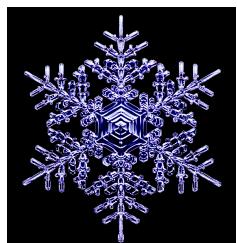
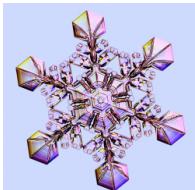
Is your radio station operational during the emergency?

How long?

Thank you for your support and participation in 2018. You are making the difference.

Next meeting will be on **January 16 2019 at the Niagara Regional Police Headquarters at 1900. Corner of Valley Way and Stanley in Niagara Falls.**

Henry VA3OV
EC, CEC Niagara ARES
va3ov@bell.net



Find out more about these photographed snowflake images using about \$7K apparatus at
<http://www.snowcrystals.com/designer/designer.html>
and
<http://www.snowcrystals.com/photos/photos.html>

ARES Activity Calendar:

Wishing You a Happy New Year!

January 16, 2019 @ NRP Headquarters in Niagara Falls

Online Emergency Service Training Available from Provincial Government

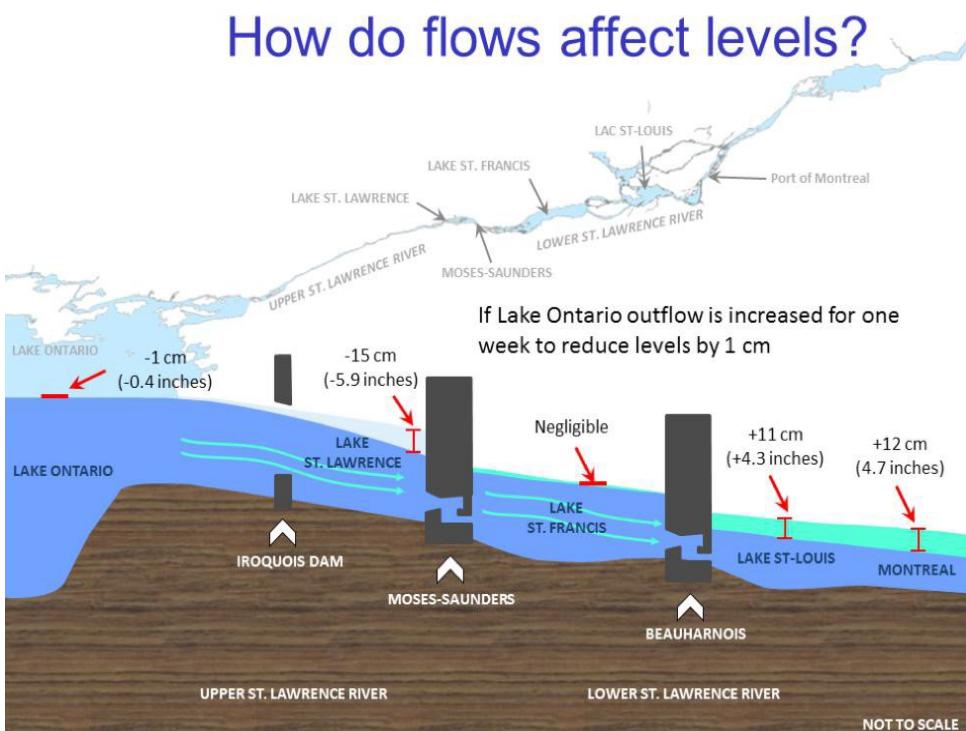
Online Courses Code	Name	Length	Delivery Method
EM 125	<u>Exercise Programs: An Introduction</u>	4 hours	Online
EM 131	<u>Accessible Customer Service for Emergency Responders</u>	4 hours	Online
IMS 100	<u>Introduction to Incident Management System</u>	4 hours	Online

From: https://training.emergencymanagementontario.ca/TPOnline/TPOnline.dll/EMO_Public_Courses

Check it out... Niagara Region... # of family emergency action plans... second after Middlesex Co. (See: <https://beprepared.emergencymanagementontario.ca/myplan>)

One thing different for ARES member emergency plans is to take care of our radios and batteries... experiment with the various modes and how to maintain them for 72 hours...to know your protocols and to know your members and network. Whether you are preparing for "call out" in an affected "emergency area" or not... Your ID, contact phone numbers, some cash, medicines, water, household special needs are most important. Most commonly in the Niagara area are power outages, slippery walkways and roads and more recently urban flooding.

How do flows affect levels?



Lake Ontario/ Niagara River Flooding - What Happened in 2017?

Figure 2.6 Hydraulic Profile (not to scale) of the St. Lawrence River illustrating the effects that a release of water needed to achieve a 1 cm (0.4 in) decline in Lake Ontario levels has on water levels at critical areas of the St. Lawrence River. Plan view of the system is shown in the upper portion in the figure for reference. (see: I LOSLRB Summary Report.pdf)

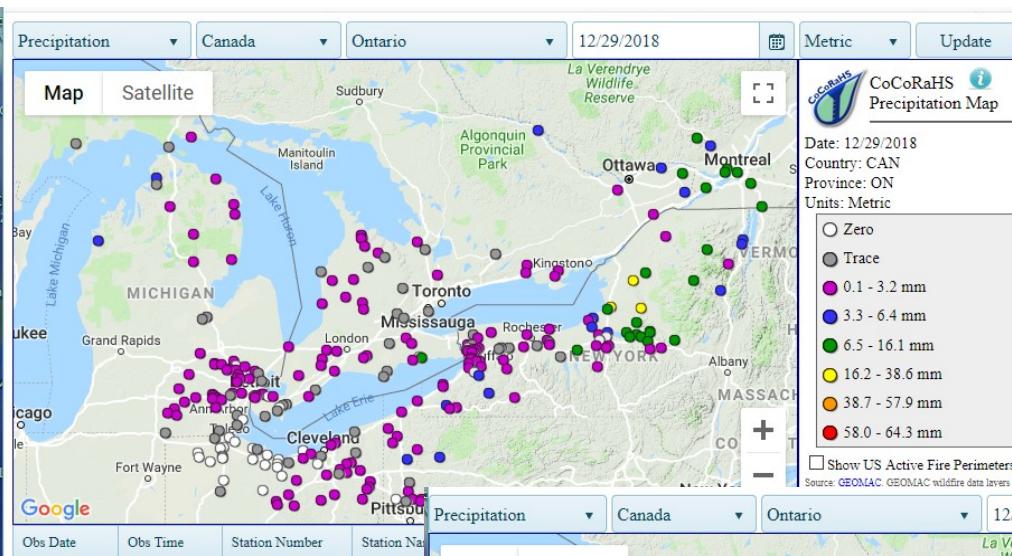
This May 25, 2018 report by the International Lake Ontario -St. Lawrence River Board covers many of the details associated with the flooding on Lake Ontario of 2017. A deep read well worth the time. / Researched by: Geddie VE3CJX

COCORAHS Stands for Serious Local Weather Data Collection

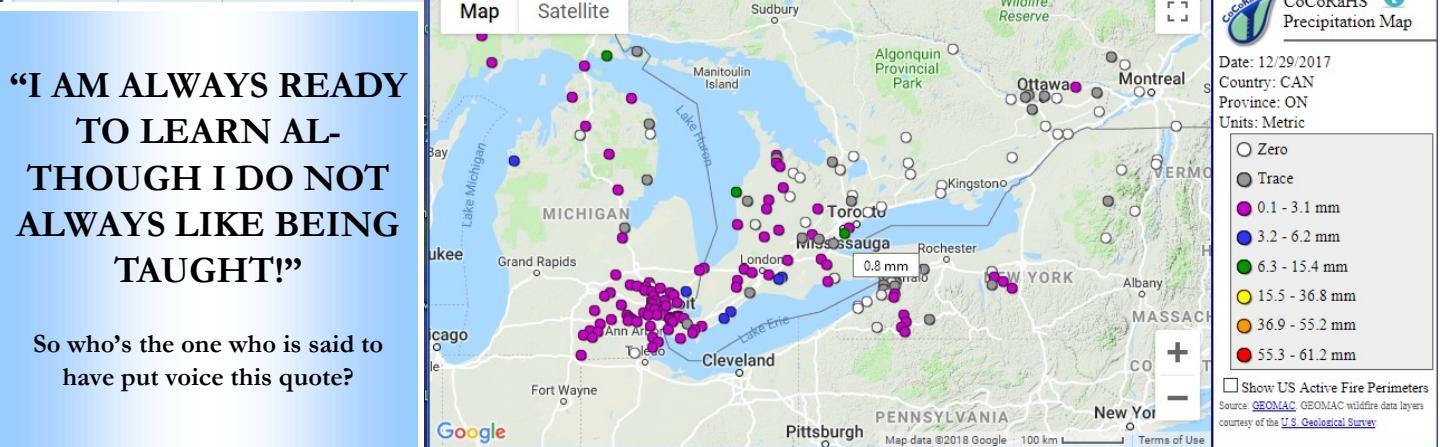
Belonging to a continental scale local weather reporting network is not for everyone. But it's not unlike the amateur radio networks connecting world wide.. CocoRaHS stands for Community. Rain, hail & Snow Network. (see canada@cocorahs.org ... [w.weatheryourway.com/cocorahs/store.html](http://www.weatheryourway.com/cocorahs/store.html)



Long Term Professional Rain and Snow Gauges available from: <https://www.amazon.ca/Stratus-RG202-Long-Professional-Gauge>



**Screen Capture:
CoCoRaHS This
year and Last
Year....to compare!**



**"I AM ALWAYS READY
TO LEARN AL-
THOUGH I DO NOT
ALWAYS LIKE BEING
TAUGHT!"**

So who's the one who is said to have put voice this quote?