



The Spirit of '76 and '88



Newsletter of the
May Lake Erie Amateur Radio Association
Carsten Lohrmann, KD8WBB, Editor

2025



Mr. Tornado — One man's pursuit to understand the deadliest storms.

The Super Outbreak of 1974 was the most intense tornado outbreak on record, tearing a vicious path of destruction across thirteen states, generating 148 tornadoes from Alabama to Ontario, damaging thousands of homes, and killing more than 300 people. Meteorologist Tetsuya Theodore “Ted” Fujita spent ten months studying the outbreak’s aftermath in the most extensive aerial tornado study ever conducted, and through detailed mapping and leaps of scientific imagination, made a series of meteorological breakthroughs.

His discovery of “microbursts,” sudden high wind patterns that could cause airplanes to drop from the sky without warning, transformed aviation safety and saved untold numbers of lives. Mr. Tornado is the remarkable story of the man whose groundbreaking work in research and applied science saved thousands of lives and helped Americans prepare for and respond to dangerous weather phenomena. (Source: PBS)

LEARA Monthly Meeting

Mr. Tornado, One Man’s Pursuit to Understand the Deadliest Storms

Bryan Torok, N8OOF

The Firehouse Grille & Pub
2768 Stark Dr., Willoughby Hills, OH

May 27, 6:30 p.m.



**Click or scan
QR code to RSVP**

The Prez Says by Bryan Torok, N8OOF

The April Meeting presentation was by **Mat Nickoson, KC8NZJ**. This time his topic was **Doppler Radar Interpretation** and the various weather radar products available for

weather enthusiasts to view and use. Mat was assisted by **Dave Andrzejewski, AD8G**. Each



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NEWSLETTER	
<p>The Spirit of '76 & '88 is published monthly except in December. Contributions must be received by the 2nd Sunday of the month except on months with 5 Sundays and 5 Tuesdays when the 3rd Sunday will be sufficient.</p> <p>Editor: Carsten Lohrmann, KD8WBB E-mail: editor@leara.org</p> <p>Proofreading: TNX to W8AZO, N8YNR</p>	

v10/2025-01-01

Prez cont.

had a laptop with a variety of weather radar images and demonstrated a couple of weather radar products.

The weather radar products are programs or apps that can be run on PCs, tablets, and phones to organize and display weather radar info. All of the info originates from the **National Weather Service (NWS)** and is available for free from their web site. However, from NWS it is often delayed, slow, and not user friendly. The programs, often free or for just a few dollars deliver the imagery faster and allow it to be organized to suit the user.

As an added bonus, there were storms crossing through the LEARA area during the program so we received some live demos. While both Mat and Dave freely admit they are not weather professionals, this sort of info coming from fellow Hams and weather nerds was really interesting and helpful.

For the May Meeting we will have a special presentation of a PBS American Experience documentary, "**Mr. Tornado, One Man's Pursuit to Understand the Deadliest Storms**". This video chronicles the life of Dr. Tetsuya Theodore "Ted" Fujita and his research into tornadoes leading to the development of the Fujita or F Scale for classifying tornadoes. Later, he discovered microburst storms which were making airplanes mysteriously fall out of the sky.

This video was mentioned and recommended by Mat Nickoson at a previous LEARA meeting. Typically, most DVDs sold to the public include only the right play the video in a residential setting

The Lake Erie Amateur Radio Assn., Inc., **LEARA**, is a not-for-profit [501(c)(3)] organization dedicated to Amateur Radio and Public Service. Club information packets and applications for membership are available from **Marv Grossman, W8AZO, 440-248-0031**, or may be downloaded from our web site at www.leara.org. Annual membership is \$25.00.

LEARA's address is: LEARA, P.O. Box 22823, Beachwood, OH 44122-0823.

LEARA is an **ARRL**-affiliated club. When you [join](#) or [renew](#) the **ARRL**, **LEARA** benefits monetarily if you do so through the club.

Go to https://www.leara.org/files/ARRL_via_LEARA_Appl_Instructions.pdf and follow the instructions therein.

Membership Meetings are held the last Tuesday of each month (except December and June) at a Cleveland-area restaurant to be announced each month in the newsletter or, if situation requires, in a virtual conference meeting online. The LEARA newsletter usually arrives near the middle of the month. Locations for dinner may vary and often require a reservation. Those interested in dinner should arrive around 6 p.m. The meeting begins at 7:30 p.m. Meetings are open to all interested persons. You may attend without eating.

Trustees' Meetings are on the second Saturday of odd numbered months. Meetings are open to all current members of LEARA. **Locations are subject to change.** Trustees meet at one of the Cuyahoga County Public Library branches or in a virtual conference room online.

Contact a trustee or check the website at www.leara.org for details.

Prez cont.

but not for public performance to groups. I was able to obtain a copy of this video including Limited Public Performance Rights so that we can play for the LEARA meeting. This is going to be a terrific program. I hope you can make it.

We will be back at **The Firehouse Grille & Pub**, 2768 Stark Dr., Willoughby Hills, OH. We will be ordering off the menu.

<https://firehousegrilleandpub.com/wp-content/uploads/2022/08/Our-Menu-File.pdf>

Because we are ordering off the menu, reservations are not strictly required, but are appreciated so we can let the restaurant know how many places to set. You may make your **reservation** on the website,

<https://leara.org/dinner-reservation/>

or by calling **Marv Grossman, W8AZO**, at **(440) 248-0031**. Come out for the food and camaraderie.

Future Meetings: We have not booked anything definite for June or July. Eric is working with a returning LEARA member on a presentation on **Slow Scan TV (SSTV)** for a future meeting.

Side note: If there is enough interest, we may reactivate the SSTV net that ran on the 146.88 repeater.

The **August meeting** will be the picnic meeting, in Independence in the enclosed Kiwanis pavilion. **Food is undecided and we would sure like to hear your suggestions and ideas.** Volunteering to help with this is a bonus! Lacking other input, we will probably return to Mister Mike for the catering.

As always, if you have any suggestions for meeting programs, please contact **Eric Jessen, N8AUC**, or me. Contact info is in the column to the left.

FCC and Legislation: Over the last several months I've been reporting on actions by the FCC and the U.S. Congress with possible effects on Amateur Radio. I'm not going to rehash

everything that is going on, but if you haven't emailed or called, go look at last month's newsletter and do it while you are thinking of it.

<https://leara.org/wp-content/uploads/sites/40/2025/04/2025-04.pdf>

Until next month, talk on the radio and use the repeaters. Check into one of the many nets available on the LEARA repeaters. Join us for a Saturday morning Trustees meeting. Join us on the air, online, or in person. We really want to see or at least hear from you, even if it is only by radio or Zoom.

Supercell Wx

I wanted to follow up on Matt's recent presentation which also covered Weather radar applications and want to bring attention to this following software:

Supercell Wx is a free, open source application to visualize live and archive NEXRAD Level 2 and Level 3 data, and severe weather alerts. It displays continuously updating weather data on top of a responsive map, providing the capability to monitor weather events using reflectivity, velocity, and other products.

For somebody just occasionally wanting to access such radar maps, or not wanting to spend money on the commercial solutions just yet, this might be a good starting point. The software is available here for Windows and Linux:

<https://supercellwx.net/>

And here is a quick getting started guide on Youtube, guiding beginners through the installation and setup process.

<https://www.youtube.com/watch?v=6KVUjLGN7IA>

73

Carsten, KD8WBB



LEARA "On the Air"

Club Net Information by Carl Gedeon, KB8VXE

The **Thursday Club Net** is held 8 p.m. on our 146.760 (or 146.880 backup) MHz (-600 kHz offset, PL 110.9) repeater. All nets will be

held on this repeater. Please use it and notify any trustee of any troubles or issues.

April 2025 Check-Ins 25					
K2WJS	BILL	KD8WBB	Carsten	W7KFR	KYLE
K8ARP	Arp	KE8NMZ	Marc	W8IE	Ed
K8EHP	Mike	KF8BNF	Mike	W8JMI	Bryan
K8SAS	Steve	KF8DGD	Bill	W8PKT	William
KB8VBR	Leone	N8AHS	Fred	W8TBL	Derrick
KB8VXE	Carl	N8AUC	Eric	WA8AWD	Bob
KC8FQV	Mark	N8RKE	Larry	WA8ZHN	Jim
KC8MRC	Bob	N8UPZ	Bill		
KC8NZJ	Mat	N8ZPS	Brian		

Remember if you missed a net, check out the web page for a recap of the trivia and discussion questions.

The tentative
scheduled
NCOs
for the next
Nets are:

Please check
the website for
current
assignments.

--- click ---

Net Control Schedule			
05/22/25	Ed	W8IE	
05/29/25	Jim	WA8ZHN	
06/05/25	Eric	N8AUC	
06/12/25	Jim	WA8ZHN	
06/19/25	Carl	KB8VXE	
06/26/25	Ed	W8IE	
07/03/25	Eric	N8AUC	
07/10/25	Jim	WA8ZHN	
07/17/25	Carl	KB8VXE	
07/24/25	Ed	W8IE	
07/31/25	Carl	KB8VXE	

NCOs	KB8VXE	Carl	W8IE	Ed
	KM8V*	Jon	WA8ZHN	Jim
	N8AUC	Eric		

*Short time leave **Long term leave

The Wednesday Night Skywarn Practice Net

The Skywarn season runs from April thru September. Practice nets are held Wednesday evenings at 8:30 p.m. on the 146.76 repeater. With a simplex net to follow on 146.475. Should the National Weather Service issue a severe storm warning for Cuyahoga County, a weather net will be brought up on the 146.76 repeater.

Visit <https://n8esg.org/skywarn/> for more information and training sessions.

Information about Cleveland Weather operations can be found at <https://wx8cle.org/>

An On-Line Storm Spotter training video from the NWS is available at

<https://www.facebook.com/NWSCleveland/videos/858879174941020/>

ARES

ARES nets and meetings are held every Tuesday (Except the third Tuesday of the Month) at 8PM on 145.410 (+)110.9. A simplex net will be held afterwards. ARES meetings are in the meeting room at the Helwig Whistle Stop 599 West Bagley Rd. Berea, OH. at 7PM the third Tuesday of each month. More info about ARES can be found at www.n8esg.org/ares.

Sunshine

Please contact Robert Wright (ke8ceo@leara.org) with information.

Upcoming Hamfests and Conventions

from www.arrl.org

07/19/2025 - [NOARSfest](#)

Location: Elyria, OH

Type: ARRL Hamfest

Sponsor: Northern Ohio
Amateur Radio Society

Website:

<https://www.noars.net/hamfests/noarsfest/>
[Learn More](#)

09/28/2025 - [Cleveland Hamfest](#)

Location: Berea, OH

Type: ARRL Hamfest

Sponsor: Hamfest Association of Cleveland

Website: <https://www.hac.org>
[Learn More](#)

**11/02/2025 - [2025 MARC
Hamfest at MAPS](#)**

Location: N. Canton, OH

Type: ARRL Hamfest

Sponsor: Massillon ARC

Website: <http://www.w8np.net>
[Learn More](#)

Volunteer Exam Dates and Locations

from www.arrl.org

06/07/2025 | [Kirtland OH 44094](#)

Sponsor: Lake County ARA

Location: Kirtland Library

Time: 12:00 PM (Walk-ins allowed)

[Learn More](#)

06/09/2025 | [Cuyahoga Falls OH 44221](#)

Sponsor: Cuyahoga Falls ARC

Location: Cuyahoga Public Library

Time: 6:30 PM

(No Walk-ins / Register or Call ahead)

[Learn More](#)

07/05/2025 | [Fairview Park OH 44126](#)

Sponsor: Northern Ohio

Amateur Radio Society

Location: Fairview Park Library

Time: 10:00 AM (Walk-ins allowed)

[Learn More](#)

07/12/2025 | [Cuyahoga Falls OH 44221](#)

Sponsor: Cuyahoga Falls ARC

Location: Cuyahoga Public Library

Time: 3:00 PM

(No Walk-ins / Register or Call ahead)

[Learn More](#)

07/13/2025 | [Independence OH 44131](#)

Sponsor: Cuyahoga ARS

Location: Old Elmwood

Recreation Center

Time: 9:15 AM (Walk-ins allowed)

[Learn More](#)

**LAKE ERIE AMATEUR RADIO
ASSOCIATION
TRUSTEES' MEETING MINUTES**

May 10th, 2025
held virtually in a Zoom Video Conference
(Subject to Revision)

Attendance:

Bryan Torok, N8OOF; Eric Jessen, N8AUC;
Eddie Stevens, KD8FTS; Marv Grossman,
W8AZO; Robert Wright, KE8CEO; Jeff
Garvas, N8YNR; Carl Gedeon, KB8VXE

Members:

KD8WBB; Jim Mac Millan, WA8ZHN

Excused:

Jon Anhold, KM8V; Dave Andrzejewski,
AD8G

Absent:

None

1. Call to Order

The president called the meeting to order at
9:06 A.M.

2. March Trustee Meeting Minutes:

Motion to accept, Eric Jessen, N8AUC; second
Carl Gedeon, KB8VXE. Motion carried
without objection.

3. Treasurer's Report

Eddie Stevens, KD8FTS provided checking,
PayPal, and total balance.

4. Membership Report

by Marv Grossman, W8AZO; 109 current
members; 25 not renewed.

5. Venue Chair's Report/Discussion:

by Eddie Stevens, KD8FTS. May is set for
Firehouse Grille, confirmed with Marty, Gen
Mgr. June and July are open. August will be
the picnic meeting, in Independence in the
enclosed Kiwanis pavilion. Food is undecided,
but probably Mister Mike for the catering.

6. Upcoming Programs:

by Eric Jessen, N8AUC; May will be a special
viewing of Mr. Tornado, One Man's Pursuit
to Understand the Deadliest Storms. This is
a PBS video with limited public performance
rights included. June and July are open.
August will be the picnic meeting.

7. Net Report:

Carl Gedeon, KB8VXE; Status Quo. He will
be adding Robert Wright, KE8CEO to the
rotation.

8. Sunshine

Robert Wright, KE8CEO reported nothing
new at this time.

9. Technical Committee Report:

Excused. From the April meeting: The new
repeater is installed and running. The new
voter needs setup and installation.

10. President's Appointment the

Nomination/Election Committee:

Motion made by Eric Jessen, N8AUC;
seconded by Marv Grossman; to defer
appointments to June. Motion carried
without objection. We will look outside the
Trustees for volunteers. Any member can do
this, we will train any volunteer. Trustees
who were elected in 2022 are up for
reelection: Jeff Garvas, N8YNR; Robert
Wright, KE8CEO; Carl Gedeon, KB8VXE.

11. Old Business:

Eddie, KD8FTS, regarding Microsoft account,
Eddie is waiting on a new set of docs from
the IRS. Microsoft requires the docs be dated
within previous 90 days.

Eric Jessen, N8AUC, to contact Terry
McCann, K8TJM, past member of LEARA
regarding Slow Scan TV (SSTV) program and
net. (Note: shortly after the meeting Eric
emailed Terry and Terry responded that
evening. Arrangements are being worked
out.)

12. New Business:

Sara Torok, KC8KSU, Robin Jessen, KC8AWO, and et al, are putting together the multi-club picnic for 2025. Motion made by Eric Jessen, N8AUC; seconded by Marv Grossman; to support said effort with up to \$100 from LEARA. Motion carried without objection.

The Woodchuck Amateur Radio Club would like help advertising their upcoming meeting (Friday, May 23) featuring Scott Yonally, N8SY, (ARRL Great Lakes Division Director). Eddie Stevens, KD8FTS, pointed out that CARS still has seats available on their bus to the Dayton Hamvention (Saturday, May 17) and could use spreading that info. It was also brought up that the Cleveland Marathon (Sunday, June 18) needs additional volunteers to fill some slots.

Eddie will respond via email to the Woodchucks Secretary, Dave Mosinski, K8VBV. As all three of the above events will happen prior to publication of the next newsletter, Eddie will create an email blast for dissemination on the LEARA news email list. (Note: Eddie wrote said email and it was sent by Bryan, N8OOF)

13. Adjournment:

Motion by Eric Jessen, N8AUC, and seconded by Marv Grossman, W8AZO. Motion carried without objection at 1030 hours EDT.

Respectfully submitted,
Bryan Torok, N8OOF

Sun	Mon	Tue	Wed	Thu	Fri	Sat
25 May	26	27 6:30 p.m. LEARA meeting	28	29 8 p.m. LEARA VOICE 146.76/R	30	31
1 June	2	3	4	5 8 p.m. LEARA VOICE 146.76/R	6	7 Bike to the Bay SAG Support
8 Bike to the Bay SAG Support	9	10	11	12 8 p.m. LEARA VOICE 146.76/R	13	14
15	16	17 7 p.m. Cuyahoga County ARES Meeting	18	19 8 p.m. LEARA VOICE 146.76/R	20	21 Sunshine Ride to End Alzheimer's
22	23	24 6:30 p.m. LEARA meeting	25	26 8 p.m. LEARA VOICE 146.76/R	27	28 Field Day
29 Field Day	30	1 July	2	3 8 p.m. LEARA VOICE 146.76/R	4	5

Check the Event Support Group Website for more event details

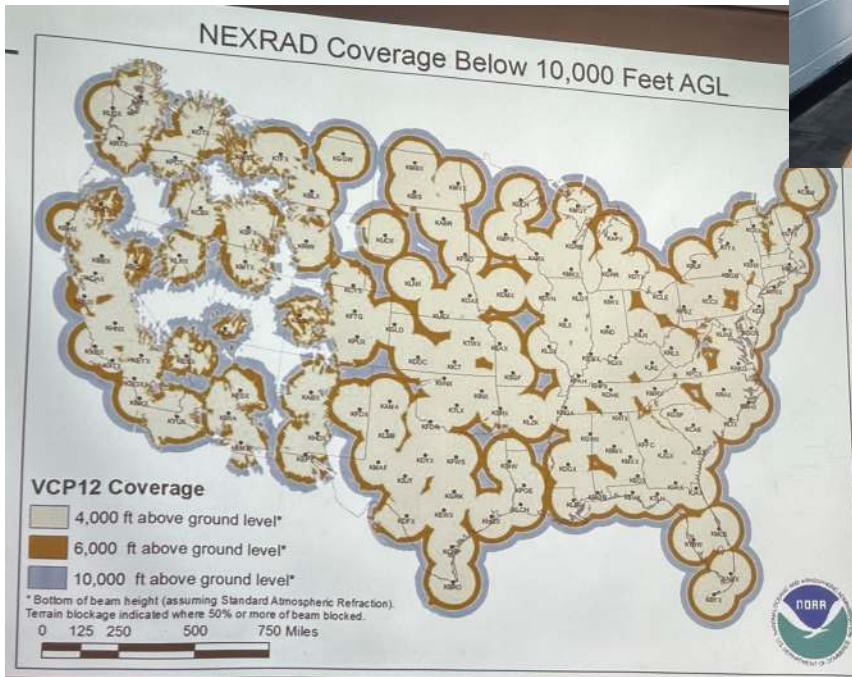
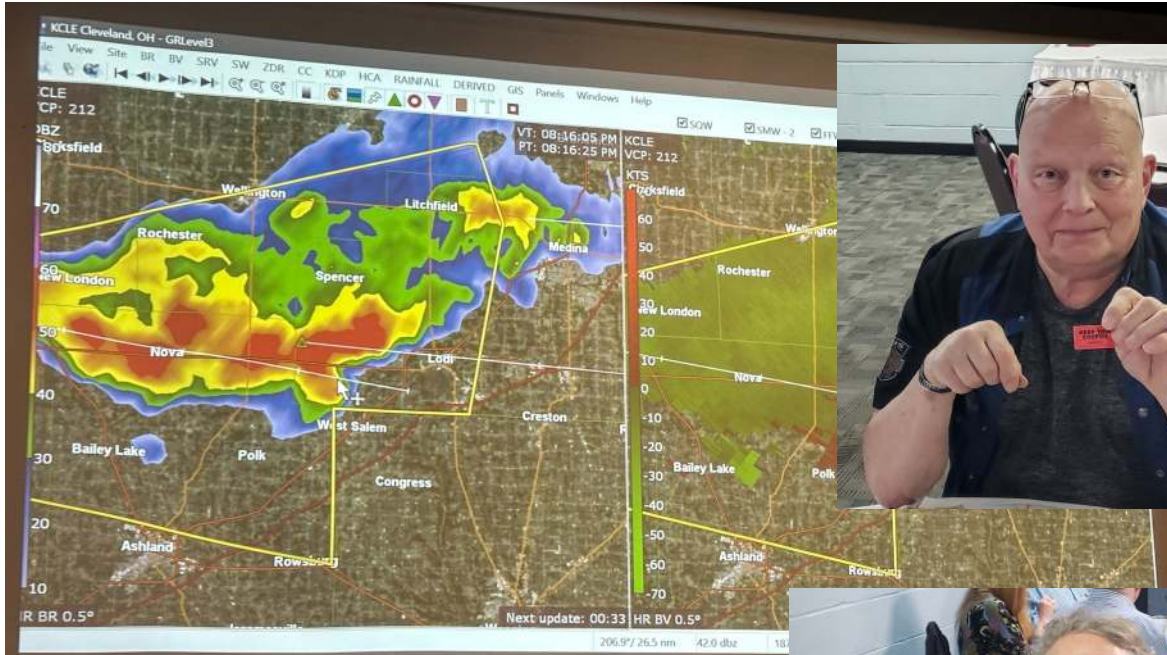
>>> <https://n8esg.org/calendar/> <<<

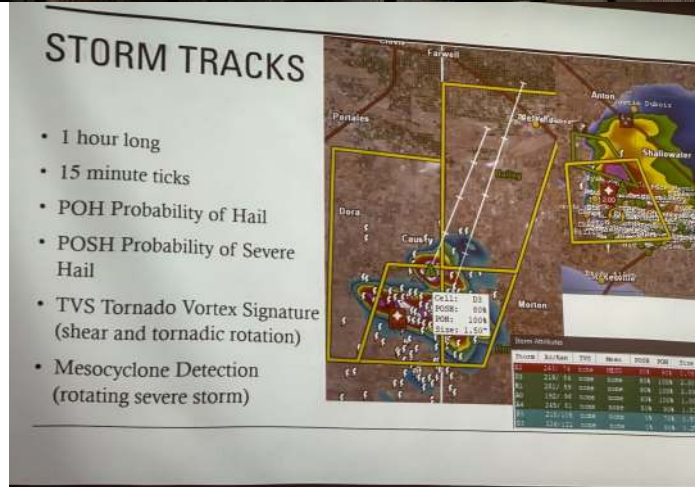


LEARA Meeting

Firehouse Restaurant

April 29th 2025; Pictures: Bryan Torok, Carsten Lohrmann





ARRL Renews Defense of the 902-928 MHz Amateur Radio Band

05/14/2025 from: <https://www.arrl.org/news/arrl-renews-defense-of-the-902-928-mhz-amateur-radio-band>

ARRL The National Association for Amateur Radio® in a recent filing encouraged the Federal Communications Commission (FCC) to listen to industry stakeholders about the detrimental impacts that changes to the 902-928 MHz band would have for current users.

The FCC is considering a petition by NextNav, Inc., a licensee in the 900-MHz Location and Monitoring Service (LMS), to reconfigure the 902-928 MHz band to obtain more spectrum for itself and replace the LMS with high-power 5G cellular and related positioning, navigation, and timing (PNT) services that would supplement GPS. ARRL filed comments opposing NextNav's proposal in September 2024.

ARRL's latest filing was submitted on May 13, 2025, by the association's Washington Counsel in response to an inquiry initiated by the Commission to consider more broadly ways to improve and harden GPS. ARRL's response echoes concerns of many others and underscores the need to improve and harden the current GPS system in a manner that doesn't impact radio amateurs and other users of the 902-928 MHz

band. The band supports an extraordinary number of unlicensed consumer devices used by consumers both inside and outside the United States with which radio amateurs co-exist.

ARRL strongly agrees with the many parties that point out in the record of this proceeding that, in working with its sister federal agencies on this issue, one of the Commission's primary goals should be to ensure that existing services already operating in the spectrum, such as in the crowded 902-928 MHz band, should not be disrupted by complementary PNT if equal or better means are available. Many billions of unlicensed devices are in use to provide hundreds of applications and functionalities to the American public, and the number of devices and the functionalities that they provide continue to grow.

These devices coexist with amateur radio operations in the 902-928 MHz band but they as well as amateur radio operations would be displaced if a 5G-like PNT service was authorized to use this spectrum.

In the instant proceeding the FCC addresses GPS concerns holistically that also are being addressed by multiple other federal government agencies under the direction of the President. ARRL emphasized the FCC's expertise and role in making the best use of the spectrum resource..

Read more here: [--- ARRL Online - Click ---](#)

LEARA — The Lake Erie Amateur Radio Association

More than **55 YEARS** of Serving Greater Cleveland Since 1969

VOICE REPEATERS:

146.76/R-	• Highland Hills	(Requires 110.9 Hz tone)
146.88/R-	• Lakewood	(Requires 110.9 Hz tone)
224.90/R-	• Lakewood	(Requires 141.3 Hz tone)
444.40/R+	• Macedonia	(Requires 131.8 Hz tone) (Offline)
444.70/R+	• Lakewood	Digital Only (mmdvm: Fusion, DMR, D-Star & P25) (Requires 131.8 Hz tone)

INTERNET: www.leara.org