



ARES Meeting Agenda - 01/15/25

- Welcome to Our Guests
- Who is in for 2025?
- ARRL Sweepstakes
- Severe Weather Seminar
- Storm Spotter Training
- Frozen Prairie Exercise
- Winlink News
- IEMA-ARES Net – Please Check In
- Net Control Operators Wanted
- Upcoming RAT-PAC Presentations
- Training Resources
- ARES Net Reminders



Welcome to our Guests

- Thanks for joining us tonight
- ARES - Amateur Radio Emergency Service
- For those new to ARES, we do 3 major things:
 - Severe Weather – Storm Spotting
 - Communications Support for Community Events
 - Emergency Communications for Served Agencies
- Major Tools that we utilize:
 - Ham Radios, typically VHF and/or HF gear, including Go-Kits
 - Winlink Express software for over-the-radio email messages
 - Internet Email and text messaging for inter-team communications
- Training – more to ARES than holding a microphone and talking



ARES - Who is in for 2025?

- Email was sent to everyone on 01/01/2025
- *Peoria County ARES – I Want to Participate – Please Reply “Yes” or “No”*
- I create a new ARES Roster each January, while recognizing that peoples lives change
- Update your email address & your best phone number (one capable of getting text messages)
- Everyone simply reply to the email please
- Have 21 positive responses so far



ARRL Sweepstakes

- Members who join — or renew — their ARRL membership any time from January 3 through December 31, 2025, are automatically entered into the ARRL Sweepstakes and could win a dream station from Icom.
- Not an ARRL member? Join today
- Already a member or Life Member? There are even more ways to automatically earn entries.
- Go to arrl.org/arrl-sweepstakes#enter for more info



ARRL Sweepstakes





Severe Weather Seminar

The Central Illinois Weather Net Presents




SEVERE WEATHER SEMINAR

This Event Will Be Held On:

Saturday
March 1st 2025

Illinois Central College
East Peoria, IL

Breakout Sessions:

SCHEDULED TO APPEAR

SKIP TALBOT
STORM CHASER

CHRIS YATES
WMBD 31

NATIONAL HURRICANE CENTER

Weather Apps National Weather Service Lincoln
Responding During Dust Storm Mass & Large Scale Notification Planning

FIND OUT MORE:

<https://www.facebook.com/cilwxnet>





Severe Weather Seminar

- Content
 - Hurricane Center Operations & Impacts Hurricanes Can Have in Illinois – Andrew Hagen from NHC
 - Storm Spotter Safety – Skip Talbot, Storm Chaser
 - VIPER and Severe Weather Coverage at WMBD – Chris Yates, WMBD TV
 - NWS Operations & Storm Ready – Ed Shimon NWS ILX
 - Breakout Sessions -
 - Weather Apps, Dust Storm Response, Outdoor Warning Notifications, Communicating Extreme Weather in Multiple Languages



Severe Weather Seminar

- Saturday, March 1st, 2025
- 8 am – 4:30 pm CST
- Doors open at 7:30 AM
- Illinois Central College – East Peoria Campus
- Registration 8:00 – 8:30 am
- General Admission \$45 – sale ends Feb 27, 2025
- Lunch is Included
- Sign up at www.eventbrite.com - search for “weather”



Storm Spotter Training

- At least 2 options for 2025
 - Sign up for EMA sponsored training
 - March 24, 5-9 at Cat Edwards Demo Area
 - Sign up at <https://www.surveymonkey.com/r/LXX25FD>
 - Dinner begins at 5:30 with training from 6:45 pm-9:00 pm
 - Peoria Area Amateur Radio Club sponsored training
 - April 1, at American Legion, 6:30 PM
- See the full schedule if you need another time
 - www.weather.gov/ilx/spotter



Frozen Prairie Exercise

- NOTE – The Date has changed!!
- Now on Friday, Feb 7 – Saturday, Feb 8, 2025
- Joint Illinois Emergency Management Agency and many others, plus ARES/AUXCOMM
- Scenario - Earthquake in New Madrid Fault plus Civil Unrest
- Check-ins with NC9IL in Springfield
- Check-ins in each Zone on 40 and 2 meter simplex
- Pass messages South-to-North to Rodgers St in Springfield and on to Chicago
- Expect to use SSB, Winlink, CW, and FLDIGI
- Demonstrate ARES as an Asset



Frozen Prairie Jobs

- HF Net Control Operator (40 meters)
- HF Net Check-in (40 meters)
- VHF Net Control Operator
- VHF Net Check-in Operators
- VHF Simplex Net Operator
- VHF Simplex Check-in Operators
- Digital Operator (many modes)
- CW Operator 7.114 MHz



Frozen Prairie – Participants?

- Preliminary info was emailed on January 9th
- I may or may not be traveling on Feb 7-8 and my participation may be full, limited or none on those days.
- You can participate from home. No need to be outside in cold.
- I would like at least one operator to be at the Bunker, as we have a relatively tall VHF antenna there, which should be good for the Repeater and Simplex parts of the exercise. Plus we have a Bunker HF station (Yaesu FT-950) and an NVIS antenna there (End-Fed 84' long wire)
- You could bring your Go-Kit/POTA HF radio to the Bunker and use our antenna. (The Bunker is not conducive to running coax to the inside)
- I would like to know who plans to participate and when/where?



Frozen Prairie Details

When Checking in, please provide your Call Sign, Name, and QTH.

On both Friday, Feb 7 and again on Saturday, Feb 8

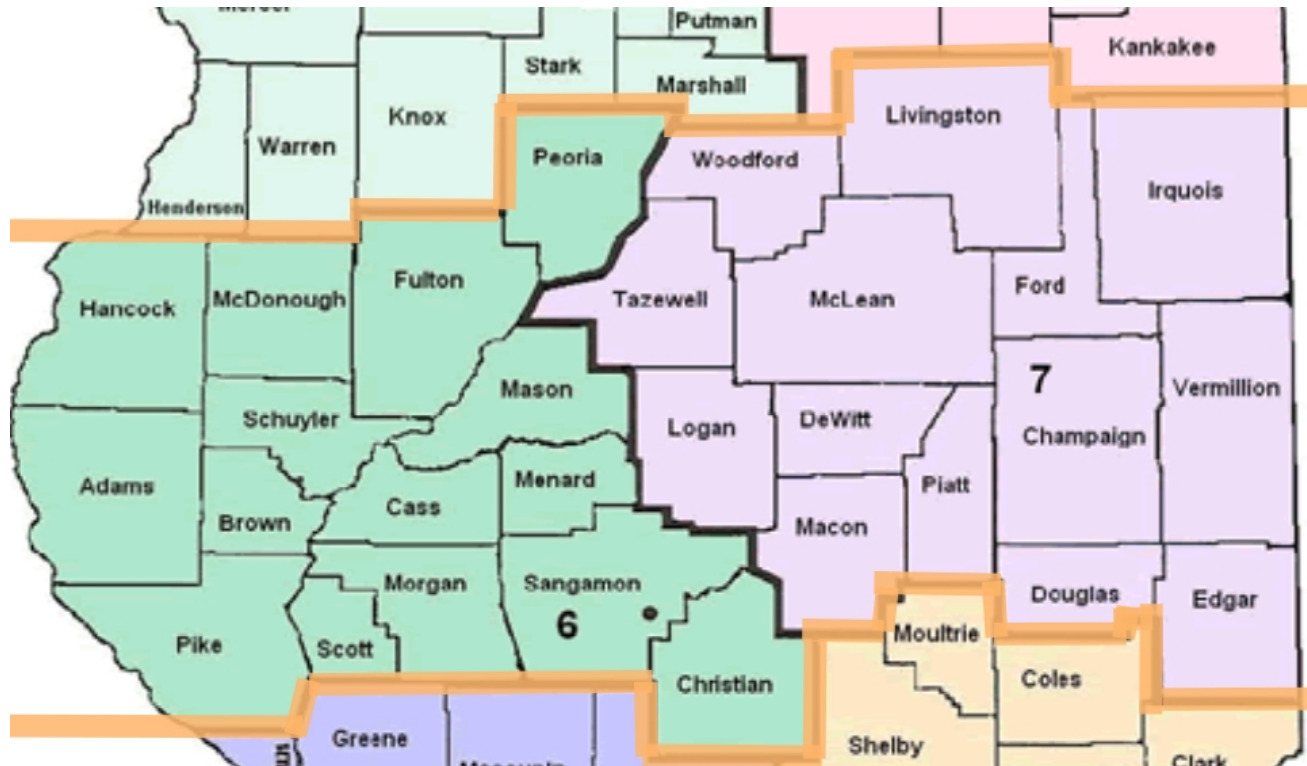
9:00 AM – 9:30 AM	40 meters – Voice Check Ins	7.237 MHz
9:30 AM – 10:00 AM	Traffic Handling	various
10:00 AM – 10:30 AM	2 Meter Repeater Check ins and then Simplex Check ins	To be Determined 146.550 MHz
10:30 AM – 11:00 AM	Digital Check-ins on Illinois Link Wires x 21565 Brandwieser DMR 31171 TGIF DMR 31171 DMR+ Reflector 4636 P25 31171	NXDN 3117 Allstar Link 42810 YSF Reflector Illinois Link 83132 DSTAR XLX 334G, DCS 334G, XRF 334G, XLX 312G
11:00 AM – 11:30 AM	CW Traffic Net	7.114 MHz
12 Noon – 1:00 PM	NC9IL Statewide Voice Check In	7.227 MHz

I would like to know who plans to participate, and when/where from?



Frozen Prairie - Repeaters

- We hope to determine which repeaters qualify as “Wide-Area” Repeaters, with coverage over a large part of the Central Zone of Illinois.





Preliminary - Subject to future revisions

Frozen Prairie Wide Area Candidates

Zone	District	County	Call Sign	Rx Freq.	Rx. Tone	Tx Freq.	Tx Tone
Central	6	Peoria	W9UVI	147.075	156.7	147.675	156.7
Central	6	Sangamon	W9DUA	443.000	94.8	448.000	94.8
Central	7	Champaign	K9CU	146.760	162.2	146.160	162.2
Central	7	Champaign	?	444.100	?	449.100	?
Central	7	Iroquois backup	AD9L	444.625	103.5	449.625	103.5
Central	7	Iroquois primary	AD9L	147.030	103.5	147.630	103.5
Central	7	Logan	N9NWI	443.825	94.8	448.825	94.8
Central	7	Macon	K9HGX	146.730	123	146.130	123
Central	7	McLean	WD9HRU	146.790	103.5	146.190	103.5
Central	7	Piatt backup	?	145.410	103.5	144.810	103.5
Central	7	Piatt primary	KB9ZAM	442.725	103.5	447.725	--
Central	7	Tazewell	W9TAZ	146.670	103.5	146.070	103.5
Central	7	Woodford	K9WRA	146.610	103.5	146.010	103.5



Winlink News

- VARA Products, including VARA HF, VARA FM, VARA Chat, VARA Sat, and VARA Terminal, are now hosted on the Winlink Servers for distribution.
- You can visit the downloads site at <https://downloads.winlink.org>. Click on the link to VARA Products once there. The files are maintained by Jose Nieto Ros, the VARA author, and they remain third-party products and are not managed by the Winlink Team.



IEMA-ARES Net – Please Check In

- IEMA net is back to the 3rd Saturday, 10:30 AM
- Station call sign is NC9IL and the frequency is 7.227 MHz, taking check-ins from 10:30 AM to 11:15 AM
- Calling stations by North, **Central**, & South Zones. We are in the Central Zone, District 6
- January 18th is the first IEMA Net for 2025
- Everyone is encouraged to check in to this net
- We want to show IEMA that ARES is here



Net Control Operators Wanted

- We want to get more folks involved doing Net Control for our Peoria County VHF ARES Nets (one net per month)
- Rich KD9ANU will do one Net each month, a volunteer does the other Net that month - We can work out which 1 of the 2
- Our net is quite easy, the script is on our website
- A form to record check-ins is now available
- Just do one set of check-ins using 075 repeater
- Let's get some folks volunteering



Net Control Operators for 2025

- Jan 8 – KD9ANU
- Feb 12 –
- Mar 12 –
- Apr 9 –
- May 14 –
- Jun 11 –
- Jul 9 –
- Aug 13 –
- Sept 10 –
- Oct 8 –
- Nov 12 –
- Dec 10 –



Upcoming RATPAC Presentations

Radio Amateur Training Planning and Activities Committee

Jan 15, 2025	Easy to Build Inexpensive "Snooper" Probe for Detecting & Solving Stray RF on Your Coax & in Your Shack
Jan 16, 2025	IP Networking with AREDN Software
Jan 22, 2025	On Bands with K9LA- A tour of Effects of Solar Cycle Cycle 25
Jan 23, 2025	How the Ionosphere Really Works
Jan 29, 2025	Andy's Ham Linux Distribution v26 Update
Jan 30, 2025	Amateur Television
Feb 05, 2025	The Portable Operator's Guide to Computing Battery Capacity
Feb 06, 2025	Six Amateur Radio Activities You Can Do With Youth
Feb 12, 2025	Palomar Engineering - Optimizing end-fed antennas
Feb 13, 2025	VHF/UHF and HF Winlink Gateways

Held Wednesday & Thursday via - Zoom 8:00 PM CT / 02:00 UTC

<https://us02web.zoom.us/j/2128884758?pwd=RG94eEY2L3FiMEg0U3ZlWmhXaEdwdz09> Zoom Passcode-RATPAC

RATPAC Video Presentations Lists: <http://tiny.cc/ratpac-list>

version of 01-15-2025

ARES Meeting 01-15-2025.opd/pdf

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Training Resources

- Training Documentation Form
 - Also on our website – on the “Training” Tab
 - <https://www.peoriacountyares.org/wp-content/uploads/2023/01/Training-Documentation-Fillable-Form.pdf>
- How to get a FEMA Student ID (SID)
 - Go to <https://cdp.dhs.gov/femasid>
- FEMA Training for IS 100, 200, 700, & 800
 - Go to <https://training.fema.gov>
- More details in our 07-20-2022 Meeting slides
 - <https://www.peoriacountyares.org/wp-content/uploads/2022/07/ARES-Meeting-07-20-2022.pdf>



ARES Net Reminders - Winter

- Illinois State ARES HF Net
 - 1st and 3rd Sundays of month at 4:30 PM CST
 - 3.905 MHz LSB (alternate 7.227 MHz LSB) & Echolink 824404
 - Informal 60M & 80M check in - (3905 KHz) at 4:10 PM
 - 60M check at 4:20 pm (5403.5 kHz Channel 5, if busy then 1, 2, 3, 4)
- IEMA-ARES Net, 3rd Sat, NC9IL on 7.227 MHz, from 10:30 AM to 11:15 AM
- Illinois Digital Net every Wednesday 8:00 PM on Illinois Link
 - WIRES X 21565
 - Brandmeister DMR 31171
 - TGIF DMR 31171, DMR+ Reflector 4636
 - NXDN 3117
 - P25 31171
 - YSF Reflector Illinois Link 83132
 - D-Star XLX 334G, DCS 334G, XRF 334G, and XLX 312G
 - Allstar Link 42810



END

- www.peoriacountyares.org
 - arrl-il.org
 - www.arrl.org/ares