

The Spring 2024 Pennsylvania SET is complete. Eastern PA ARES, Western PA ARES, Southeast PA Red Cross and Greater PA Red Cross participated in handling simulated emergency communications traffic across the state. The exercise included both Red Cross and ARES elements.

The ARES element involved the individual ARES teams conducting an Emcomm alert and reporting their Emcomm assets to Section ECs. 268 ARES hams in 25 counties participated.

The Red Cross element was open to all PA hams. 107 PA hams sent Red Cross Staff Request forms to their local Red Cross Region.

The SET was focused on skills needed for the 22 May National Mass Care Exercise. During that exercise Emcomm teams will be handling Red Cross message traffic from multiple simulated shelters across Pennsylvania. Planning for the NMCE is ongoing. Red Cross is working with ARES to identify specific teams to manage the exercise shelters and stations.

PA hams who are not included in the NMCE will have an opportunity to participate on May 25. ARES and Red Cross will conduct an additional exercise for PA hams to participate in Emcomm activities.

Managing activities and processing results for both ARES and Red Cross is potentially confusing for participants and complicated for the exercise staff. We'd like to propose bringing focus to future SETS by prioritizing Red Cross activities in the Spring SET and ARES in the Fall. Both ARES and Red Cross would participate but the Emcomm activities would be more organization specific. Input on this proposal is appreciated.

## EXERCISE STATIONS

ARES check-ins were sent to the respective ARES sections. Red Cross check-ins went to the Red Cross regions. Each section/region had a dedicated Winlink station. Exercise traffic was later aggregated onto a single Winlink station for data analysis.

Exercise Winlink stations were:

- ARC-GPA Sean Campbell KC3LMZ
- ARC-SEPA Brett Saylor W3SWL
- ARES-EPA Jay King W2AFE
- ARES-WPA / WA3COM Tom Wright N3WS

## WINLINK NOTE

It was noted that some exercise Winlink messages were rejected when aggregating the individual station files. The Winlink Express database assumes each message is UNIQUE. If a message is sent to two Winlink stations (ARES-EPA and ARES-WPA for example) and then the message files for those same two stations are combined, Winlink will reject the second instance of the originally sent message.

## REPORTING ERRORS

Nearly 400 messages were reviewed to create this report. If you find any errors or believe that your check-in is missing, contact W2AFE at [W2AFE@arrl.net](mailto:W2AFE@arrl.net). The reports will be posted on the web and will be updated with any corrections.

## RED CROSS PARTICIPANTS

PA hams were invited to send Red Cross Staff Request forms to their local ARC Region. The forms are in Winlink under Red Cross. The Staff Request form is one of the most likely to be used in an actual Red Cross activation. The others are the 6409 Supply Request and the ARC-213 General Message form

44 ARC-SEPA members sent in Staff Request Forms

K3FKW, K3FZT, K3JSE, K3NCI, KA3NUV, KA3ODI, KA3TSJ, KB2GJT, KB3BUX, KB3FCJ, KB3PCY, KB3YCK, KC2RFZ, KC3CEW, KC3PGT, KC3QVF, KC3SZB, KC3UTO, KC3VTF, KC3VUR, KC3WMS, KC3WQH, KC6OEI, KE3HG, N3EMA, N3FKR, N3FLL, N3MEL, N3PEG, N3YLI, NE3I, NY3J, W2ILT, W3BIG, W3CTK, W3EOC, W3EX, W3OK, W3UXR, W3ZQN, WA3DX, WA3NOA, WB3GCK, WS3J

63 ARC-GPA members sent in Staff Request Forms

AC3EU, AC3LL, K3FXA, K3RTS, K3URT, KA1YSR, KB3ESJ, KB3JCW, KB3VSP, KC3BF, KC3KHK, KC3LYV, KC3NAF, KC3NDU, KC3OND, KC3OXN, KC3POC, KC3QLX, KC3QPC, KC3TOE, KC3TOF, KC3TVC, KC3UWB, KC3UWB, KC3UXL, KC3WMS, KC3WQG, KC3WQI, KC3WRN, KD3MAD, KE3ZT, KZ3KBD, N3EPY, N3JPV, N3JXB, N3QZS, N3RN, N3RPB, N3RPB, N3RPV, N3UTN, N3WGH, N3XG, N3YFO, NC3O, NW3X, W2AND, W3ETO, W3KWH, W3KWH, W3LUZ, W3SWL, W3TM, W3TXG, W3TXG, W9FBO, W9FBO, WA3PNY, WE3H, WJ3OM, WT3N, WW3S, WX2DX

## ARES PARTICIPANTS

(Detailed EmComm reports from each EC are included below.)

ARES WPA (134 Participants)	ARES EPA (152 Participants)
Washington Co ARES (4)	Bucks Co ARES (15)
Lawrence Co ARES (4)	Cambria Co ARES (23) (includes Cambria, Indiana, Jefferson and Somerset counties)
Erie Co ARES (11)	Montgomery Co ARES (21)
Bedford Co ARES (12)	Northampton Co ARES (6)
Westmoreland Co ARES (17)	Luzerne Co ARES (9)
Crawford Co ARES (27)	Cumberland Co ARES (8)
Centre Co ARES (25)	Lackawanna Co ARES (7)
Cambria Co ARES (23)	Chester Co ARES (12)
Beaver Co ARES (11)	Dauphin Co ARES (13)
	Lehigh Co ARES (6)
	Lycoming Co ARES (6)
	Wayne Co ARES (7)
	Monroe Co ARES (11)
	Philadelphia Co ARES (18)

# ARES-WPA – EmComm Reports

ECs sent ICS-213s summarizing their unit's capabilities.

ORG	MSG
Washington Co ARES	<p>This is KC3STZ, Mark Donoghue, Washington County ARES. I Can deploy and function for 8 hours. Capabilities include 1) VHF/UHF 8 watt HT, 4 hrs battery, HF Base (IC-7300), 100 watts, 1/2 80m end fed antenna, electric generator, I have a VHF/UHF TriBand, 50 watt max with a 30 ft vertical antenna with an electric generator. I am NBEMS and WINLINK Capable.</p> <p>WA3FXN I can deploy 5 hours with an analog handheld vhf/uhf 5 watt with a whip antenna 15.6 inches. Home base is a HF/VHF/UHF multi mode transceiver can be run on my portable 1000 watt lithium capable of running 24 hours. I have a vertical 23.42 ft HF antenna on a 25 ft mast and an endfed All band 80=10 m 132 ft 8 inch and a vertical 2m / 70cm uhf 10 ft antenna on a 25 ft mast.</p> <p>NY9H active station: Prosperity Pennsylvania            HF-6 meter 200 watt ICOM Transceiver            HF-6 meter 100 watt ELECRAFT K4 transceiver            HF power amplifier legal limit ACOM 2000A            HF-6 power amplifier legal limit RF-KIT / integrated tuner            Palstar HF AUTO automatic tuner            160 meter Inverted L antenna            80-6 meter OCFdipole            Sommer XP-808 12 elements on 8 meter boom 6 meter-40 meter Log Periodic array (tower)            ICOM 144 &amp; 440 dual band UV transceiver            ICOM R7000 30 mHz -1.4 G all mode receiver            ICOM R7000 30mHz-1.4 G all mode receiver            Uniden BC780 VHF/UHF scanning receiver            Uniden BC780 VHF/UHF scanning receiver            26 element 2 meter beam Cushcraft (tower)            5 element 6 Meter beam M2 (tower)            Comet 144/220/440 triband antenna ( tower)            US Tower HDX572mdpl heavy duty 72 foot motorized 'crank-up' tower for above directional antennas sited at 1440 msl            NY9H Mobile:            Elecraft KX2 80-10 mobile/ portable 15 watt transceiver            Elecraft KXPA100/KXAT 100 watt amplifier w/ tuner            HF Tarheel 80- 10 meter rooftop antenna            Uniden 996 scanning receiver / w remote head 19" whip            Kenwood V71 UHF/VHF transceiver 19" whip</p> <p>KC3TBI            Checkin WPA SET Drill, KC3TBI Washington County KC3TBI@gmail.com            I can work 12 hours            Base stations at home... Power-house/Genset (prop/nat gas/Gasoline)            HF 100watts, EFHW 132ft horiz at 30ft, Phone/HF WinLink/HF Digital            V/U 50/40watts, Dual band 5/8 wave at 15 ft, Phone/FLDigi            I can deploy in my vehicle if needed... Power-vehicle/other batteries            HF 100watts, Screwdriver antenna 10M thru 80M, Phone/FLDigi            V/U 50/40watts, Dual band antenna, Phone/FLDigi</p>
Lawrence Co ARES	<p>From Greg, K3VLR, and William, KC3PXH, at the Lawrence County EOC. We have two dual band radios running at 50W. Started net on K3ACS repeater. We also have eight HT's available.</p> <p>From Jim, K7JN, in Lawrence County. Home: 200W HF, all digital modes, 80-10 OCF antenna at 50 ft, 60M NVIS at 10 ft., Desktop &amp; laptop computers, Signalink interface. Portable: 50W VHF/UHF, 100W HF, 80-10 end-fed wires, 80,60,40M NVIS dipole. Laptop computer, Signalink interface. Available for 4 hours.</p> <p>From Bruce, K3BEG, in Lawrence County. Home: HF monitoring the 3983MHz ARES Net. HT for K3ACS repeater and W3LIF repeater. HT for DMR. Can operate for 4 hours on 100amp hour battery.</p> <p>From Milt, KB8UWI, in Lawrence County. HT running at 5W. He is able to participate for one hour.</p>
Erie Co ARES	<p>11 TOTAL CHECK IN            10 BY 64 EOC REPEATER            1 BY RELAY (sms)</p>

	<p>EMCOM CAPABILITIES  2 VHF REPEATERS, EMERGENCY POWER (WIRES-X CAPABLE-RF NODES)  1 UHF REPEATER, EMERGENCY POWER (WIRES-X CAPABLE-RF NODES)  10 VHF PORTABLE OR MOBILE 5-50W, PHONE  3 VHF PORTABLE C4FM  6 HF (10-80) FIXED STATIONS, &gt;=50W, PHONE  1 HF (40-80) MOBILE &gt;=20W, PHONE, APROX 6HRS OFF GRID, NAT GAS GENERATOR  1 VHF/HF PACKET, WINLINK  1 VHF WINLINK GATEWAY  1 PEMA HT</p> <p>SOME RF NOISE FROM SIMPLEX OPERATORS ON 146.635, DID NOT INTERFER WITH CHECK-INS/NET</p>
Bedford Co ARES	<p>IN RESPONSE TO THE CME EVENT, THE FOLLOWING RADIO OPERATORS RESPONDED AS BEING AVAILABLE:</p> <ol style="list-style-type: none"> <li>1) KB3DFZ BEDFORD CTY - STATIONARY, 4X4 MOBILE CAPABLE; 24 HOURS OFF GRID CAPABLE; DIPOLE AND DIRECTIONAL HEX BEAM ANTENNA. HF 100W, VHF/UHF 50W. WINLINK/DIGITAL CAPABLE</li> <li>2) KC3NAF BEDFORD CTY - STATIONARY, MOBILE CAPABLE; 72 HOURS OFF GRID WITH GOBOX. HF 100W, VHF 50W, UHF 25W</li> <li>3) KK3F ALLEGHANY CTY MD - STATIONARY, NOT MOBILE CAPABLE; 8 HOURS, NO OFF GRID. HF 100W, VHF 100W, UHF 50W</li> <li>4) KE3ZT BEDFORD CTY - STATIONARY, MOBILE CAPABLE; 24 HOURS OFF GRID CAPABLE; DIGITAL/WINLINK CAPABLE; HF 100W VHF 50W UHF 50W</li> <li>5) KC3KHK BEDFORD CTY - STATIONARY, 4X4 MOBILE CAPABLE; 24-72 HOURS OFF GRID CAPABLE; DIGITAL/WINLINK CAPABLE; HF 100W VHF 50W UHF 50W</li> <li>6) WB3JEK BEDFORD CTY - STATIONARY, MOBILE CAPABLE; 24 HOURS OFF GRID CAPABLE; DIGITAL CAPABLE; HF 100W VHF 50W UHF 50W</li> <li>7) K3SCM BEDFORD CTY - STATIONARY, MOBILE CAPABLE; 24 HOURS OFF GRID CAPABLE; HF 100W VHF 20W</li> <li>8) N3JCM BEDFORD CTY - STATIONARY, MOBILE CAPABLE; HF 100W VHF 80W UHF 80, ADDITIONALLY LICENSED TO COMMUNICATE WITH AIRCRAFT</li> <li>9) KQ4OWO FREDERICK CTY, VA - STATIONARY, MOBILE CAPABLE; HF 100W VHF 100W UHF 50W</li> <li>10) KC3WMI BEDFORD CTY - STATIONARY, NOT MOBILE CAPABLE; VHF 5W HANDHELD YAGI</li> <li>11) KV3VLQ STATIONARY, MOBILE CAPABLE. HF 100W, VHF 50W UHF 50W</li> </ol> <p>ADDITIONAL CHECK IN WITH KC3KFW OPERATING AS KC3WQI FOR ARC JOHNSTOWN. SEVERAL MEMBERS SENT WINLINK ARC 213 FORMS TO ARC JOHNSTOWN.</p>
Westmoreland Co ARES	<p>TOTAL CHECK INS FOR WESTMORELAND COUNTY  13 BY VHF REPEATER  4 BY WINLINK VHF RMS GATEWAY</p> <p>EMCOMM SUPPORT CAPABILITIES  8 ABLE TO DEPLOY WITH MOBILE COMMAND POST CP-600  2 HF 100W OCF  8 VHF/UHF 50W 1/4 WAVE  1 VHF/UHF 50W 7/8 WAVE  VHF LO, VHF HI, UHF, 700, 800 COMMERCIAL RADIOS  AIR, MARINE VHF, CB, FRS/GMRS  WINLINK VHF/HF GATEWAY  PORTABLE VHF WINLINK RMS GATEWAY DIGIPEATER  72 HOUR EMERGENCY POWER W/O REFUELING</p> <p>1 BASE HF 100W 43' VERTICLE VHF/UHF 25W 1/2 WAVE 24HR EMERENCT POWER  1 BASE HF 100W 65' END FED VHF/UHF HT 5W 8 HOURS EMERGENCY POWER  1 MOBILE VHF/UHF 50W 5/8 WAVE + CB  1 PORTABLE VHF/UHF HT 5W 6 HOURS BATTERY</p>
Crawford Co ARES	<p>27 checkins thru out the event  20 on VHF  5 via Winlink  2 on HF  good turnout. many of us exploring WINLINK, tried not to use Telbet, many messages sent via HF ARDOP or VARA, including message to Red Cross</p>
Centre Co ARES	<p>Report of SET activity Centre County PA 6 Apr 2024 between 09:30 and 12:30</p> <p>FM Analog on 146.85, W3YA Repeater  14 check ins with Name, Call, County, ability to deploy or operate base, equipment, power, and commitment time.</p>

	<p>Winlink Check Ins 11 check ins with similar information, some were duplicates of the analog reports</p> <p>Western Centre County, Philipsburg Area Philipsburg Amateur Radio Association conducted a drill of their own design Total 10 participants:</p> <p>One EmComm coordinator</p> <p>Three EmComm station operators One for VHF repeaters One for GMRS repeaters One for Winlink VHF packet and UHF FM VARA</p> <p>Two home-based station operators One using VHF repeater One using Winlink HF FM VARA</p> <p>Four deployed to field locations One using VHF mobile One using Winlink VHF Packet Two using VHF repeater and GMRS repeaters</p> <p>Clearfield County (Clearfield does not have an EC)</p> <p>At 10AM an operational net was held on the W3CPA 147.255 repeater. This repeater is owned and sponsored by the Clearfield County Department of Emergency Services with the Clearfield County Amateur Radio Club as the assigned operator of the repeater. There were 11 stations checking into the net.</p> <p>net participating stations with WinLink capabilities were asked to originate a WinLink message to Carmine K3CWP and Brett W3SWL. Carmine is the Centre County ARES/RACES/ACS contact and Brett is the State College region's American Red Cross contact. Stations were to report their availability, location and operational capabilities. Five stations also sent Winlink messages to Carmine, K3CWP, and Brett, W3SWL, the ARC Liaison.</p>
Cambria Co ARES	<p>Total of 23 Check-ins. The net was based in Cambria Co. However, Cambria received check-ins from Indiana, Jefferson, and Somerset counties as well. The check-in breakdown breakdown is:</p> <p>Initial Check-ins 18 via VHF repeater 3 via GMRS repeater 2 via Winlink</p> <p>EMCOMM Support Stations were asked if they had Winlink capabilities. If they did, a message asking about deployment as per net requirements was sent. Responses were: 6 stations were able to immediately deploy 4 stations had full capacity (HF, VHF, UHF, Winlink voice, and data) 1 station had HF, VHF, Winlink, voice, data (base and portable only) 1 station had HF, VHF, UHF, Winlink, voice and data (base and mobile only) 1 station was a fully equipped Comm trailer that was deployed to Cambria EMA in Ebensburg to provide EOC/EMA coverage if needed. Deployment times ranged from 3 hours to 24 hours. 3 GMRS stations had base, mobile and, portable capabilities.</p> <p>Suggestions The Red Cross did check in via our local DRA under their own call sign. This was a remote check-in. PEMA was not notified or chose not to participate. There was no PEMA activity on HF or DMR noted by Cambria County.</p>
Beaver Co ARES	<p>SET net conducted on 147.135 repeater; WinLink message transmitted by KB3VSP. Training session/ discussion of our Beaver Valley Power Station exercise dry run conducted during the net. Deployment readiness: N3EJL- 4 hrs, VHF/HF, 4 hrs; K3UKE- VHF/HF, 4 hrs; KB3VSP- VHF/HF, 4 hrs; KC3ROS, AA3WV, K3BBC, NO3U, KC3TFW, KC3QCG, KC3KYZ, KC3YMR- VHF, 4 hrs</p>

ARES-EPA EmComm Reports

ECs sent ICS-213s summarizing their unit's capabilities.

<p>Bucks Co ARES</p>	<p>Opening 3 shelter locations, 4 operators each location, with 3 operators on standby for Lower Bucks location (Total 15 operators). All operators have HTs available. 1 operator has HT w/ digital capability. 8 operators have mobile rigs connected to an outdoor antenna. 1 operator has a vehicle mobile with cross-link capability. 1 operator has a mobile with an indoor antenna only.</p> <p>7 operators indicated unlimited availability. 4 operators indicated 4 hours shift availability. 2 operators indicated 8 hour shift availability. 2 operators indicated 12 hour shift availability.</p> <p>If not deployed, at least 3 stations have HF capability from their home base stations, at 40-80W. Deployed stations will assume 2m operation only, with 70cm relays if needed.</p>																																																																																																		
<p>Cambria Co ARES</p> <p>Includes Indiana, Jefferson and Somerset counties</p>	<p>Initial Check-ins 18 via VHF repeater 3 via GMRS repeater 2 via Winlink</p> <p>EMCOMM Support Stations were asked if they had Winlink capabilities. If they did, a message asking about deployment as per net requirements was sent. Responses were: 6 stations were able to immediately deploy 4 stations had full capacity (HF, VHF, UHF, Winlink voice, and data) 1 station had HF, VHF, Winlink, voice, data (base and portable only) 1 station had HF, VHF, UHF, Winlink, voice and data (base and mobile only) 1 station was a fully equipped Comm trailer that was deployed to Cambria EMA in Ebensburg to provide EOC/EMA coverage if needed. Deployment times ranged from 3 hours to 24 hours. 3 GMRS stations had base, mobile and, portable capabilities.</p> <p>Suggestions The Red Cross did check in via our local DRA under their own call sign. This was a remote check-in. PEMA was not notified or chose not to participate. There was no PEMA activity on HF or DMR noted by Cambria County.</p>																																																																																																		
<p>Montgomery Co ARES</p>	<p>Montgomery County reports: 21 Check-ins, 13 available to Deploy, 8 Base Stations with Emergency Power</p> <table border="1" data-bbox="261 1325 1328 1980"> <thead> <tr> <th>Call</th> <th>Base / Deploy</th> <th>Bands</th> <th>Power</th> <th>Antenna</th> <th>Digital</th> <th>Hours</th> </tr> </thead> <tbody> <tr> <td>W3AFV</td> <td>Deploy</td> <td>VHF/UHF/HF</td> <td>50/20/100</td> <td>Tripod Vertical</td> <td>NBEMS, WinLink</td> <td>8</td> </tr> <tr> <td>N3PLI</td> <td>Base</td> <td>VH/UHF</td> <td>5</td> <td>HT</td> <td></td> <td>16</td> </tr> <tr> <td>KB3CEY</td> <td>Base</td> <td>VHF/UHF</td> <td>5</td> <td>HT</td> <td></td> <td>16</td> </tr> <tr> <td>W3ZQN</td> <td>Base</td> <td>VHF/UHF/HF</td> <td>50</td> <td>Indoor Vertical</td> <td>NBEMS</td> <td>72</td> </tr> <tr> <td>KB3JCW</td> <td>Deploy</td> <td>VHF/UHF/HF</td> <td>50 / 100</td> <td>EFHW</td> <td>NBEMS, WinLink</td> <td>72</td> </tr> <tr> <td>KC6OEI</td> <td>Base</td> <td>VHF/UHF/HF</td> <td>50/100</td> <td>Jpole, EFHW</td> <td>NBEMS, WinLink</td> <td>4</td> </tr> <tr> <td>K3WKM</td> <td>Base</td> <td>VHF/HF</td> <td>50/100</td> <td>Indoor</td> <td></td> <td>72</td> </tr> <tr> <td>NY3J</td> <td>Base</td> <td>VHF/UHF/HF</td> <td>50 / 100</td> <td>Vertical, EFHW</td> <td>NBEMS, WinLink</td> <td>4</td> </tr> <tr> <td>K3FKW</td> <td>Deploy</td> <td>VHF/UHF/HF</td> <td>100</td> <td>Vertical, EFHW</td> <td>NBEMS, WinLink</td> <td>4</td> </tr> <tr> <td>KA3NUV</td> <td>Deploy</td> <td>VHF/UHF/HF</td> <td>50 / 100</td> <td>Vertical</td> <td>NBEMS, WinLink</td> <td>72</td> </tr> <tr> <td>KA3ODI</td> <td>Deploy</td> <td>VHF/UHF</td> <td>50</td> <td>Log Periodic</td> <td>NBEMS, WinLink</td> <td>72</td> </tr> <tr> <td>NE3I</td> <td>Deploy</td> <td>VHF/UHF/HF</td> <td>25</td> <td>Mobile</td> <td>NBEMS</td> <td>72</td> </tr> <tr> <td>N3FKR</td> <td>Deploy</td> <td>VHF/UHF/HF</td> <td>50/100</td> <td>Mag mount, EFHW</td> <td>NBEMS, WinLink</td> <td>72</td> </tr> </tbody> </table>	Call	Base / Deploy	Bands	Power	Antenna	Digital	Hours	W3AFV	Deploy	VHF/UHF/HF	50/20/100	Tripod Vertical	NBEMS, WinLink	8	N3PLI	Base	VH/UHF	5	HT		16	KB3CEY	Base	VHF/UHF	5	HT		16	W3ZQN	Base	VHF/UHF/HF	50	Indoor Vertical	NBEMS	72	KB3JCW	Deploy	VHF/UHF/HF	50 / 100	EFHW	NBEMS, WinLink	72	KC6OEI	Base	VHF/UHF/HF	50/100	Jpole, EFHW	NBEMS, WinLink	4	K3WKM	Base	VHF/HF	50/100	Indoor		72	NY3J	Base	VHF/UHF/HF	50 / 100	Vertical, EFHW	NBEMS, WinLink	4	K3FKW	Deploy	VHF/UHF/HF	100	Vertical, EFHW	NBEMS, WinLink	4	KA3NUV	Deploy	VHF/UHF/HF	50 / 100	Vertical	NBEMS, WinLink	72	KA3ODI	Deploy	VHF/UHF	50	Log Periodic	NBEMS, WinLink	72	NE3I	Deploy	VHF/UHF/HF	25	Mobile	NBEMS	72	N3FKR	Deploy	VHF/UHF/HF	50/100	Mag mount, EFHW	NBEMS, WinLink	72
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	N3EMA	Base	VHF/UHF/HF	50/100	Vertical, Horizontal Loop	NBEMS, WinLink	72
	KC3VUR	Deploy	VHF/UHF/HF	50/100	Jpole, EFHW	NBEMS, WinLink	72
	KC3JUD	Base	VHF/UHF/HF	50/100	Vertical, EFHW	NBEMS, WinLink	72
	N3IIG	Deploy	VHF/UHF/HF	50/100	Vertical, EFHW	NBEMS, WinLink	72
	W3UXR	Deploy	VHF/UHF/HF	50/100	Vertical, Dipole	NBEMS, WinLink	72
	K3BVQ	Deploy	VHF/UHF/HF	50/100	EFHW, Dipole		72
	W3EX	Deploy	VHF/UHF	50	Mobile		72
	WQ3Z	Deploy	VHF/UHF	50	Mobile	NBEMS	72
Northampton Co ARES	<p>Total check-ins 6 all to Base EMCOMM SUPPORT Base 4HF 100W &amp; 800W, 10-80MOCF, 10-20M Beam, 160M Dipole VH2 VHF 50W Portable HF 10-40M with Winlink Portable VHF/UHF</p>						
Luzerne Co ARES	<p>TOTAL OF 8 OPERATORS AVAILABLE FOR LUZERNE COUNTY FOR AN 8 HOUR PERIOD ON ROTATING SHIFTS IF NEEDED</p> <p>7 DEPLOYED IN THE MOBILE COMMAND CENTER 2 BASE STATION</p> <p>MOBILE COMMAND CENTER IS EQUIPPED WITH 2 DUAL BAND VHF/UHF RADIOS. 1 HF RADIO. WINLINK, APRS, FUSION, VOICE, FLDIGI IS AVAILABLE IN THE MOBILE COMMAND CENTER</p> <p>BASE STATION INCLUDED BASE VHF/UHF AND HF CAPABILITY WITH G5RV</p> <p>OPERATORS IN MOBILE COMMAND CENTER: N3DJK AB3ZI N3SRO EC KC3MES AEC K3TOW AEC N3PYM KB3ACZ</p> <p>BASE STATION: N3PQP NW3X</p>						
Cumberland Co ARES	<p>TOTAL 8 CHECK-INS FOR CUMBERLAND COUNTY EPA ALL 8 CHECKED IN ON CLUB REPEATER THAT HAS A BACK-UP GENERATOR AT A COUNTY TOWER SITE.</p> <p>EMCOMM SUPPORT CAPABILITIES BASE 2 HF OCF 100 WATTS, VHF/UHF J-POLE 15 WATTS, 3 HOURS, TELNET BASE 1 WITH HF PHONE 100 WATTS 20 FOOT HIGH VERTICAL,VHF/UHF PHONE 80 WATTS, 8 HOURS. BASE 1 WITH END FED 100 WATTS 80-10M. HF, VHF, WINLINK TELNET, VARA HF, 72 HOURS. BASE 1 WITH HF ENDFED 100 WATTS, VHF/UHF 50 WATTS, 72+ HOURS, GENERATOR, HF, TELNET, VARA HF + AC. PORTABLE 1 WITH HF ENDFED 100 WATTS, VHF/UHF J-POLE 50 WATTS, 12 HOURS, HF,TELNET,VARA HF, VARA AC, FLDIGI. PORTABLE 1 WITH ENDFED HF 100 WATTS, VHF/UHF WITH J-POLE 50 WATTS, SOLAR POWER, VHF PHONE, HF, TELNET VARA HF. PORTABLE 1 WITH HF VERTICAL OR ENDFED 100 WATTS 80-10M, J-POLE VHF/UHF 28 FEET HIGH 40 WATTS, VHF PHONE, HF, TELNET, VARA HF, 6 HOURS.</p>						
Lackawanna Co ARES	<p>TOTAL 7 CHECK-IN FROM LACKAWANNA COUNTY. ADDITIONAL 2 CHECK-INS FROM LUZERNE COUNTY (THEIR INFORMATION NOT INCLUDED IN STATS)</p> <p>ALL BY VHF REPEATER (REPEATER LOCATED IN SECURE COUNTY COMMUNICATIONS FACILITY, WITH BACK-UP POWER)</p>						

	<p><b>BASE &amp; DEPLOYABLE:</b></p> <ol style="list-style-type: none"> <li>1) BASE, HF 100W, MULTIBAND DIPOLE, WINLINK/FLDIGI, 4-6 HRS BATTERY; VHF/UHF, 50W, VERTICAL, WINLINK/FLDIGI, 4-6 HRS BATTERY; MOBILE/PORTABLE, HF 100W, MULTIBAND DIPOLE, WINLINK/FLDIGI, 4-6 HRS BATTERY; VHF/UHF, 50W, VERTICALS, WINLINK/FLDIGI, 6-8 HOURS BATTERY PLUS INDEF ON MOBILE POWER,</li> <li>2) BASE: HF (20M ONLY), 100W, VERTICAL; VHF/UHF: 50W, VERTICAL, NO WINLINK/FLDIGI, 4-6 HOURS. MOBILE/PORTABLE: HF (20M ONLY), QRP POWER, VERTICAL, NO WINLINK/FLDIGI, 4-6 HOURS PLUS.</li> <li>3) BASE: HF 100W, DIPOLE, 24 HOURS +, NO WINLINK/FLDIGI. VHF/UHF, 50W, VERTICAL, 24+ HOURS, NO DIGITAL. MOBILE: HF, 100W, 24 HOURS +. VHF/UHF: 50W, VERTICAL, 24 HOURS +, NO DIGITAL.</li> <li>4) BASE: HF 200W, VERTICAL &amp; HALF-WAVE, 3-4 DAYS BATTERY &amp; GENERATOR. VHF/UHF, 50W, J-POLE, 3-4 DAYS. MOBILE: HF 200W, VERTICAL &amp; HALF-WAVE, 3-4 DAYS BATTERY &amp; GENERATOR. VHF/UHF, 50W, J-POLE, 3-4 DAYS</li> </ol> <p><b>BASE ONLY - NOT DEPLOYABLE:</b></p> <ol style="list-style-type: none"> <li>1) BASE ONLY: VHF/UHF, 50 PLUS 5W PORTABLES, NO WINLINK/FLDIGI,</li> <li>2) BASE ONLY: HF 100W, DIPOLE, COMMERCIAL POWER ONLY, NO WINLINK/FLDIGI. VHF/UHF, 50 PLUS 5W PORTABLE, VERTICAL, NO WINLINK/FLDIGI</li> <li>3) BASE ONLY: HF, 100W, DIPOLE, COMMERCIAL POWER ONLY, WINLINK (ON HF ONLY). VHF/UHF, 50W, VERTICAL, NO DIGITAL. MOBILE: VHF/UHF, 50W, VERTICAL.</li> </ol>
<p>Chester Co ARES</p>	<p>This is KB3FCJ, Tim Beyer, Chester County ARES. I can deploy for a period of 72 hours. Equipment includes: VHF/UHF Dual Band Transceivers Both hand held and Mobile, Rechargeable 12 volt battery packs, HF Mobile Transceiver with Alpha Antenna multi-band, Laptop computers with Signalink sound cards.</p> <p>This is N3PEG, Peg Daly, Chester County ARES/RACES (in process). I can operate base 72 hours. Current capabilities include:</p> <ol style="list-style-type: none"> <li>1) VHF/UHF, 50 watts, 5/8 wave magmount.</li> <li>2) VHF/UHF, 50 watts, X-50 at 10 ft</li> <li>3) NBEMS &amp; Winlink Capable</li> <li>4) 72 hours battery with solar panel recharge capability.</li> </ol> <p>This is Andy / K3JSE, Chester County ARES / RACES. I can deploy and function for Twelve hours. Capabilities include 1) VHF / UHF HT, 2) VHF / UHF Mobile, 3) twelve hours battery, 4) J-Pole and X50 antennas, 5) NBEMS Station, 6) Winlink / VARA-FM station</p> <p>This is K3FYV, Barry Metz, Chester County ARES, I can operate base 72 hours. Capabilities include</p> <ol style="list-style-type: none"> <li>1. VHF/UHF 50 watts, Ringo at 40 Ft</li> <li>2. Winlink capable</li> <li>3. 24 Hour battery backup</li> </ol> <p>W3JFS, John Schell, Chester County ARES/RACES Able to deploy and function for 72 hours without support. Capabilities: All mode, all band 10W radio &amp; antennas Laptop w/ NBEMS, Winlink, JS8 12 hrs. battery 100W solar panel</p> <p>This is WA3NOA. Jim Harris, Chester County ARES. I can deploy, and function for 12 hours. My capabilities include:</p> <ol style="list-style-type: none"> <li>1) VHF/UHF HT, 6 hours battery, quarter wave whip</li> <li>2) Dual Band Mobile radio, 50 watts, Diamond X-50 gain antenna with up to 25 feet mast</li> <li>3) HF/VHF/UHF portable radio, 10 watts, 25 feet mast and EFHW antenna with 20 hours battery</li> </ol> <p>N4SEN IS AVAILABLE FOR DEPLOYMENT AT HOME. FOLLOWING EQUIPMENT OPERATIONAL: VHF/UHF DUAL BAND, 50 WATT RADIO, 5/8 WAVE WHIP AT 30 FT LEVEL; VHF/UHF HT (5 WATT), W/ MAG MOUNT WHIP ANTENNA; 18 KW HOME PROPANE GENERATOR (400 GAL. CAPABILITY).</p> <p>N3FLL Frank Rocap Chester County ARES Can deploy 8-12 Hrs FT991A All Band/All Mode Capability 100 Watts HF 50 Watts VHF/UHF Fldigi, Winlink, JS8, VarAC and Voice 2 100 AH Batteries Vertical Antenna for VHF/UHF End Fed Wire for HF Bands</p>



	<p>This is KE3HG, Rich Kucharik, Chester County ARES/RACES. I can operate as a base from home in North Coventry Township for 72 hours plus.          Capabilities include:</p> <ul style="list-style-type: none"> <li>- VHF/UHF 40 watts with Jpole and X30 vertical</li> <li>- Winlink access point (145.67)</li> <li>- HF up to 100 watt with 80 meter off center dipole</li> <li>- Digital and voice on all common bands (HF, VHF, UHF). Digital includes NBEMS, PACTOR, VARA, VARA-AC.</li> <li>- 2400+ watts stored power with solar charge capability.</li> </ul> <p>THIS IS KC30OK. I CAN DEPLOY AND FUNCTION FOR 8 HOURS. CAPABILITIES INCLUDE 1) VHF/UHF HT,4 HRS BATTERY, 1/4 WAVE WHIP. 2) DUALBAND MOBILE, 50 WATTS, 3/4 WAVE WHIP AND 30 FT MAST W/ J-POLE. 3) HF PORTABLE, 100 WATTS, 30 FT MAST, WIRE ANTENNA, 8 HR BATTERY.</p> <p>This is Martin Odom, KB3PCY. I can operate as a home base station</p> <ol style="list-style-type: none"> <li>1. I can be available for at least 72 hrs</li> <li>2. Battery, generator, solar power backup.</li> <li>3. VHF/UHF Diamond X 50 attic antenna</li> <li>4. VHF Winlink Vara FM gateway on 145.670</li> <li>5. HF Winlink Vara gateway on 80,40, 30, 20 M.</li> <li>6. NBEMS, Winlink capable (Vara, Packet, Pactor 3)</li> </ol> <p>This is KB3YCK, David Flad, Chester County ARES. I can operate as a home base for up to 72 hours. Capabilities include:</p> <ol style="list-style-type: none"> <li>1. VHF/UHF, 50 watts, Dual-band antenna at 25ft AGL using tripod and push up mast.</li> <li>2. VHF/UHF mobile, 50 watts, Dual-band high-gain antenna (car mounted)</li> <li>2. NBEMS and WinLink Express Capability</li> <li>3. 36ah LifePO Batteries / w solar charger</li> <li>4. Gas generator for 48-72 hours</li> </ol> <p>This is Craig LaBarge, WB3GCK, Chester County ARES/RACES. I can operate as a home base for 72 hours.          Capabilities include:</p> <ol style="list-style-type: none"> <li>1. VHF/UHF, 5 Watts, J-Pole at 20ft</li> <li>2. NBEMS &amp; Winlink capable</li> <li>3. 72+ Hours of battery supply for laptop and radio</li> </ol> <p>N3MEL Chester County ARES/RACES, is able to deploy for up to 24 hours.</p> <ol style="list-style-type: none"> <li>1. HT FM/DMR 2 additional batteries.</li> <li>2. Portable Mobile Yaesu FDM-100 50watt w/20amp power supply and inverter</li> <li>3. Full digital capabilities</li> <li>4. 2ft flagpole mast with Diamond X50 with 100ft of coax</li> <li>5. Marine deep cycle battery with solar charging panel</li> </ol>
<p>Dauphin Co ARES</p>	<p>13 Total Check-ins for Dauphin County          12 By VHF Repeater          1 By Winlink</p> <p>DEPLOYMENT CAPABILITES          9 VHF/UHF HT, 24 HOURS          5 ALL BAND MOBILE, 24 HOURS          1 HF BASE STATION, 24 HOURS          2 VHF MOBILE, 9 HRS AVERAGE          1 VHF/UHF MOBILE, 24 HOURS X 5 DAYS          5 WINLINK STATIONS, 24 HOURS</p>
<p>Lehigh Co ARES</p>	<p>Deployable ARES Lehigh County</p> <ol style="list-style-type: none"> <li>1. AK3M, Mark Miller, Lehigh County ARES. Can deploy FM UHF/VHF HT and mobile 50W Mag Mount for 4 hours.</li> <li>2. N3XG, Rodney Wolfe, Lehigh County ARES. Can deploy 8 hours. UHF/VHF HT. HF QRP. Dual band mag mount, verical and wire for HF. Battery and solar. Digital capable DStar, Fusioin, AX25, VARA FM and HF.</li> <li>3. N3RPV, Chri Kelly, Lehigh County ARES. Portable 6m, 1.2m, 70cm and 33cm DStar, DMR, P25 FM. APRS, WinLink, AX25, VARA . 50W portable UHF/VHF with mast antenna. AREDN capable. Mobile VHF/UHF P24, DMR, APRS, Winlink VARA FM and 6M. Can deploy self sustained 72 hours with rest periods.</li> <li>4. KB3HMK, Phil Biggs, Lehigh County ARES, HT Portable, Portable Mobile 50W UHF/VHF, 15' Mast with dual band jpole, roll up portable jpole, DStar and WinLink data, portable color printer and scanner, Honda EU2200i generator and jackery 160 and 240 portable power. Able to deploy for 24 hours.</li> </ol>

	<p>5. KC3BLF, Mike Mandell, Lehigh County ARES, HT Portable with improved antenna plus portable roll up jpole, mobile 50 watts with mag moutn, portable HF 20W with EFHW and mast, battery for 10 hours, all digital modes incl DStar data and WinLink, able to deploy for 12 hours</p>
<p>Lycoming Co ARES</p>	<p>For second portion of EPA Set, there were six check-ins to report for ARES alert  2 via VHF repeater (145.330) AC3EU, KC8T  1 via WINLINK  3 via person to person</p> <p>Details</p> <p>Bob Brown - N3RPB - Lycoming County  HF/VHF/UHF voice / digital modes, + WINLINK - power 100w (HF), 50w VHF/UHF, hf dipoles &amp; vhf/uhf vertical at qth as well as deployed with a portable mast. Backup battery providing 12 hours  Duration of support - 12 hours</p> <p>Deb Brown - KC3UWB - Lycoming County  VHF / UHF Voice, power 5 watts - HT * If at home qth, same capabilities as N3RPB above  Duration of support - 4 hours</p> <p>Steve Pinkerton - KC3JVJ - Lycoming County  VHF / UHF voice power 5w HT with external antenna at qth  UNABLE TO DEPLOY</p> <p>Cliff Allen – AC3EU - Lycoming County  HF / VHF / UHF voice / digital modes including WINLINK power 100w HF, 50w vhf / uhf - 160m - 6m dipole and 80m -6m vertical @ qth. deployed 80m- 6m with vertical antenna. deployed VHF / UHF mast with vertical. Battery backup at qth and when deployed 12+ Hours  Duration of support 12 hours (if coffee)</p> <p>Tom Inman - KC8T - Lycoming County  HF / VHF / UHF voice / digital + WINLINK. Power 100w HF, 50w VHF - antennas 80m-10m HF vertical, VHF / UHF vertical Battery backup at QTH.  Duration of support 8 hours</p> <p>John Mummert - WJ3OM - Lycoming County  VHF / UHF voice / digital - power 75w vhf / 35w uhf - antennas vertical and tripod, also mag mount  backup battery at qth &amp; deployed 12+ hours  Duration of support - 12+ hours</p>
<p>Wayne Co AERES</p>	<p>Peter Marcano, KC3POC, Wayne Co, UHF/VHF portable &amp; base, 50 watt, 16 hrs batteries, HF Base 100 watt, (10-80), Off center dipole, 30' tower, 12 hr's, Gen 2 days  Jim Kettle, KC2LEB, Wayne Co, HF-VHF/UHF, BASE 100W / MOBILE 100W. Wire Antenna, 5 hrs.  Ken Katzmann, WB2HJQ, Wayne Co. 160-70cm, SSB, FM, DMR (2M &amp; 70cm) Winlink (HF)  Rob Wolff, KC3QPC, Pike Co.HF, UHF/VHF 100W, Base &amp; Mobile, Wire Antenna, 24 hrs  Keith Lynn, KC3NDU, Wayne Co. VHF/UHF 100W Base, J Pole, HF 160-10M, 100W 5 Element rotating Antenna, 2 dual fuel generators, 12 hrs  Eric Fosse, AC3IV, Wayne Co, UHF/VHF Base 100W, HF 10-80m Base 100W. Available 5 days, 4hrs per day.  Greg Barra, KC3SAQ, Wayne Co, UHF/VHF 100W Base sta, 50W mobile, 10-80m HF Base, 100w, *hrs, Dual fuel Generators 5 days.</p>
<p>Monroe Co ARES</p>	<p>All 11 members of Monroe County ARES checked in. Eight responded via WinLink and the rest by voice (including some that had responded by WinLink but just wanted to jump on the repeater also).  BASE  VHF (remote internet access), 10 watts, folded diapole, 72 hours (battery and generator with fuel at hand)  VHF/UHF, 20 watts, 50ft tower, beam, 24 hours (generator with fuel at hand)  VHF/UHF, 50 watt, 8 hours (4 hours battery and 4 hours generator with current fuel at hand)  VHF/UHF, 50 watts, dual band vertical at 30 ft, 24 hours (battery + solar panels)  VHF/UHF, 100 watts, tri-band at 30ft, 24 hours (battery, solar panels, generator with fuel at hand)  VHF/UHF, 100 watts, tri-band at 30ft, 24 hours (battery, solar panels, generator with fuel at hand)  VHF/UHF, 100 watts, 5/8 wave vertical antenna at 20 ft, 72 hours (generator with fuel at hand)  VHF/UHF, 100 watts, 5/8 wave vertical antenna at 20 ft, 72 hours (generator with fuel at hand)  HF (remote internet access), 10 watts, folded diapole, WinLink capable, 72 hours (battery and generator with fuel at hand)  HF, 100 watt, 160m-6m dipole, 8 hours (generator with fuel at hand)</p>

<p>HF, 100 watts, 10m-80m M dipole , WinLink capable, 24 hours (battery + solar panels)</p> <p>HF, 100 watts, OCF Dipole, WinLink capable, 72 hours (generator with fuel at hand)</p> <p>HF, 100 watts, OCF Dipole, WinLink capable, 72 hours (generator with fuel at hand)</p> <p>HF, 600 watts, 160m-6m meters, 24 hours (generator with fuel at hand)</p> <p>HF, 1500 watts, 160m-6m folded diapole, Winlink capable, 48 hours (battery, solar panels, generator with fuel at hand)</p> <p>HF, 1500 watts, 160m-6m folded diapole, Winlink capable, 48 hours (battery, solar panels, generator with fuel at hand)</p> <p>DEPLOY</p> <p>VHF, 10 watts, 4 batteries, 6 hours</p> <p>VHF/UHF HT, 10 watts, 1/4 wave vertical, mag mount, 4 hrs battery</p> <p>VHF/UHF HT, 10 watts, 1/4 wave vertical, mag mount, 4 hrs battery</p> <p>VHF/UHF, 20 watts, battery, 4 hours</p> <p>VHF/UHF, 50 watts, folded j-pole and 30 ft mast, 8 hours (battery and solar panel)</p> <p>UHF Base, 100 watts, 1/2 wave vertical, 15 foot mast, 10 hour (battery, solar panel)</p> <p>UHF Base, 100 watts, 1/2 wave vertical, 15 foot mast, 10 hour (battery, solar panel)</p> <p>VHF/UHF, 100 watts, dual band antenna, 8 hours (generator with fuel at hand)</p> <p>VHF/UHF, 100 watts, tri band on 30 ft mast, 12 hours (batteries, solar panels, and portable generator)</p> <p>VHF/UHF, 100 watts, tri band on 30 ft mast, 12 hours (batteries, solar panels, and portable generator)</p> <p>HF, 100 watts, multiple antennas, 12 hours (batteries, solar panels, and portable generator)</p> <p>HF, 100 watts, multiple antennas, 12 hours (batteries, solar panels, and portable generator)</p> <p>HF, 100 watts, diapole, 4 hours</p> <p>VHF/ HF portable, 100 watts, 20 ft mast, wire antenna, Winlink capable, 72 hour (generator with fuel at hand)</p> <p>VHF/ HF portable, 100 watts, 20 ft mast, wire antenna, Winlink capable, 72 hour (generator with fuel at hand)</p>
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Philadelphia Co ARES	CALL	COUNTY	BASE (B) or MOBILE (M)	AVAILABILITY	HF, VHF/UHF or BOTH	DEPLOY	DUR
	K3KH	Bucks	B+M		HF/VHF/UHF Mobile	YES-HF/VHF/UHF	12 HRS
	AB3RV	Phila	M		VHF/UHF	YES-VHF/UHF	18 HRS
	KC3CEW	Phila	B+M		VHF/UHF Mobile	YES-VF/UHF	24 HRS
	K3FZT	Phila	B		HF/VHF/UHF	NO	12+ HRS
	N3PEG	Chester	B+M		HF Data Only VHF/UHF Mobile	Y-VHF/UHF	72 HRS
	NY3J	Bucks	B+M		VHF/UHF Mobile	Y-VHF/UHF	4 HRS
	N3EMA	Bucks	B+M		VHF/UHF Mobile	Y-VHF/UHF	4 HRS
	KC3UTO	Montco	B+M		VHF/UHF Mobile	Y-VHF/UHF	8 HRS
	KC3QVF	Phila	B+M		VHF/UHF Mobile	Y-VHF/UHF	6 HRS
	KC3JUD	Montco	B+M		VHF/UHF Mobile	Y-VHF/UHF	72 HRS
	K3FKW	Bucks	B+M		VHF/UHF Mobile	Y-VHF/UHF	8 HRS
	KC3UTQ	Phila	B+M		VHF/UHF Mobile	Y-VHF/UHF	12 HRS
	KA3NUV	Montco	B+M		VHF/UHF Mobile	Y-VHF/UHF	72 HRS
	N3CGT	Montco	B+M		VHF/UHF Mobile	Y-VHF/UHF	12 HRS
	KC3PGT	Montco	B+M		VHF/UHF Mobile	Y-VHF/UHF	48 HRS
	KC3SZB	Bucks	B+M		VHF/UHF Mobile	Y-VHF/UHF	24 HRS
	KC3UGC	Phila	M		VHF/UHF	Y-VHF/UHF	24 HRS
	K3DFG	Del	B+M		VHF/UHF Mobile	Y-VHF/UHF	48 HRS