

EMERGENCY ALERT SYSTEM

SOUTHWEST OHIO  
LOCAL AREA

PLAN AND PROCEDURES  
FOR THE FOLLOWING OHIO COUNTIES

BROWN  
BUTLER  
CLERMONT  
CLINTON  
HAMILTON  
HIGHLAND  
WARREN

Revised April 1997

## APPROVALS

This Southwest Local Area EAS Plan was developed and approved by the Southwest Ohio Emergency Communications Committee, and the National Weather Service in cooperation with the State of Ohio and County Emergency Management Agencies (EMA).

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**I. PURPOSE**

This document provides procedures agreed upon by the broadcast and cable industry which will permit designated federal, state and local government officials to issue emergency information, instructions and warnings to the general public of the Southwest Ohio Area by activating the Southwest Ohio Area Emergency Alert System (EAS).

**II. AUTHORITY**

Title 47 USC 151, 154(i), (o), 303 (r), 524 (g) and 606. 47 CFR, Part 11, Federal Communications Commission (FCC) Rules and Regulations.

**III. GENERAL INFORMATION**

A. The Southwest Ohio EAS System will utilize digital message encoding/decoding equipment which complies with the standards in the FCC rules, Part 11, and is certified by the Commission.

B. This plan was prepared by members of the Southwest Ohio Emergency Alert System (EAS) Emergency Communications Committee (ECC) in cooperation with the State of Ohio Emergency Management Agency (EMA), the National Weather Service (NWS) and County Emergency Management Agencies. The plan provides background data and prescribes specific procedures for the broadcast and cable television media to disseminate emergency information and warnings to the general public throughout the State of Ohio, at the request of designated federal, state and local government officials, known as *Notifiers*. The Southwest Ohio EAS Plan may be activated on a day-to-day basis in response to such emergencies as; tornadoes, severe storms, flash floods, widespread fires, discharge of toxic chemicals or gases, nuclear incidents, widespread power failures, industrial explosions, civil disturbances, or any other occurrence which poses an immediate threat to health, life, safety or property.

C. The plan provides for access to the EAS by designated officials (notifiers) working in conjunction with the Local Primary (LP) stations. They are: WLW-AM, Cincinnati (LP-1), WRRM-FM, Cincinnati (LP-2) and WAOL-FM, Ripley (LP-3). The Southwest Ohio EAS Local Area, previously known as Operational Area, consists of the following seven (7) counties: Brown, Butler, Clermont, Clinton, Hamilton, Highland and Warren.

D. Acceptance of or participation in this plan shall not be deemed to prohibit a broadcast licensee or cable TV operator from exercising independent discretion and responsibility in any given situation. Stations originating EAS emergency communications shall be deemed to have conferred rebroadcast authority.

E. This plan shall be considered an appendix to, and part of, the Ohio State EAS Plan.

F. EAS Designations: The FCC has provided for EAS Station Designations which reflect the EAS status of every broadcaster and cable operator. Below is a listing of these designations. Consult the State of Ohio EAS Plan, the “FCC Mapbook” or Attachment II of this plan to determine your EAS designation.

**NP** (National Primary) = Sole source of national EAS alerts. In Ohio, WTAM and WLW are NP stations. These stations will feed national level alerts to the State Primary stations.

**SR** (State Relay) = In Ohio, several Public Broadcasting TV stations and some LP stations (designated as LP-3) serve in this capacity to deliver station emergency announcements to other LP stations in the state. The Ohio ETV network distributes WNCI audio to these stations via their microwave system.

**LP** (Local Primary) = Key stations in each of Ohio’s twelve (12) local areas. There will be at least two in each area. The LP-1 is the primary Local Primary station. The LP-2 is the alternate Local Primary station. Local Primary 1 and 2 stations are to be monitored by all participating

stations in the area. LP-3 stations are used as relay stations. Many of the LP-2 and LP-2 stations were the CPCS stations under the old EBS system.

**PN** (Participating National) = Most broadcasters and cable operators are designated as PN. They monitor the area LP stations and deliver EAS alerts directly to the general public.

**NN** (Non-participating National) = Broadcasters who hold an “NN Authorization” from the FCC to sign off during a national EAS activation. There are very few of these in Ohio.

#### **IV. OHIO EAS CONFIGURATION**

The Ohio goal for EAS is the development of a fully automated system that will allow notifiers through dedicated encoders to selectively provide Ohio citizens with timely emergency information and warnings.

It is realized that at the initial implementation of the Ohio EAS much of the system will rely on broadcast station staff to air messages based on verbal requests from notifiers. By July 1, 1997, all notifiers must obtain EAS encoder equipment. Once this equipment is in place, notifiers without EAS equipment must activate the EAS through a notifier with the proper EAS encoder. LP stations serve as the primary contact point for EAS entry and therefore, carry an extra EAS responsibility. With this in mind, a key criteria for the selection of Ohio State Primary (SP) and Local Primary (LP) stations was their ability to provide 24-hour staffing.

The process of selecting monitoring assignments in the Ohio EAS structure was based on station coverage areas with an emphasis on the ability to span state, local area and county boundaries. This focus provides Ohio with an approach for disseminating EAS messages over all stations with broadcast coverage serving an impacted area regardless of the physical location of the transmitter or cable head-end equipment. To achieve this capability, cross monitoring and multiple Local Primary (LP) monitoring assignments are required. While this monitoring scheme

creates some additional burden on LP stations in hardware procurement and configuration, the benefits of specific and thorough coverage far outweighs these burdens.

The ability to fully utilize the automated technology of the new EAS to assure 24-hour system reliability and selective signaling was key to the setting of our Ohio EAS goal.

Throughout the long range development of the Ohio EAS, emphasis will be placed on configuring a fully automated but interruptable system. Emphasis will be placed on notifiers obtaining EAS encoders and on the reliable interface of the National Weather Service's Specific Area Message Encoder (SAME) into the Ohio EAS structure. Ohio EAS monitoring assignments *specify* the monitoring of the Local Area LP-1 and LP-2 stations by all broadcasters and cable operators and *recommend* the monitoring of the NOAA weather radio station issuing weather warnings for counties within their coverage area.

## V. **ORIGINATING STATIONS**

A. The originating station for the Southwest Ohio Local Area is WLW (AM), Cincinnati, Ohio (700 KHz), designated the Local Primary (LP). EAS 24-hour emergency numbers for WLW have been provided to notifiers. These numbers provide for direct dial-in to station EAS equipment and access to station operating personnel.

B. The Southwest Ohio Local Area *alternate* originating station is WRRM-FM, Cincinnati, Ohio (98.5 MHz), designated the alternate Local Primary (LP) station. If WLW cannot be contacted, WRRM should be notified and requested to activate the Southwest Ohio Local Area EAS. EAS 24-hour emergency numbers for WRRM have been provided to notifiers.

## VI. **EAS MESSAGE PROTOCOL**

A. The EAS system uses a four part message structure for emergency activation. The four parts are: (1) *The preamble and EAS header codes*; (2) *The audio attention signal*; (3) *The EAS*

message audio text and (4) *The preamble and end-of-message code*. The description of the protocol that follows is provided for informational purposes only, since the actual generation of EAS messages using FCC type accepted Encoder/Decoder equipment will be much easier and user friendly than this text suggests. In actual practice, the equipment software will allow generating the header and end-of- message codes using plain English entries, through menu prompts. The equipment user interface works much like a bank ATM machine. The FCC protocol is as follows:

(1) The Preamble and EAS Header

The preamble and EAS header code contains specific information related to the origination, handling and routing of the EAS message. The code is transmitted by an EAS encoder three times with a one second pause between transmissions. The code format is as follows:

**(Preamble) ZCZC-ORG-EEE-PSSCCC+TTTT-JJJHHMM-LLLLLLLLL**

The preamble portion of this code contains a consecutive string of data bits used to clear the system equipment, set the equipment automatic gain control and set the decoder clocking cycles. This is a fixed code that is used at the beginning of all EAS headers and end of message codes.

The **ZCZC** = (start of ASCII code.) - Sent automatically by the EAS Encoder.

The **ORG** = (the *originator* code.) - Pre-set once by user, then sent automatically by the encoder. The following originator codes will be used as part of the Ohio EAS:

<u>ORIGINATOR</u>	<u>CODE</u>
Broadcast station or cable system	EAS
Civil authorities	CIV

Emergency Action Notification network	EAN (National use only)
National Weather Service	WXR
Primary Entry Point system	PEP (National use only)

**EEE** = (the *event* code.) - Determined by the user each time an alert is sent.

Indicates the nature of the EAS activation. See Paragraph VI, C, for the list of event codes to be used in the Ohio EAS. Those event codes marked \*\* are required to be programmed as pre-sets in all EAS decoders by FCC rules. Those event codes marked \* are *specified* to be programmed as pre-sets in all EAS decoders of stations and cable systems participating in the Ohio EAS System.

**PSSCCC** = (the *location* code.) - Determined by the user each time an alert is sent. This code indicates the geographic area affected by the EAS alert. Up to 31 location codes can be put into one EAS alert header. The location code uses the Federal Information Processing System (FIPS) numbers to define areas. The PSSCCC code breakout is as follows:

The “**P**” defines county subdivisions as indicated in the following table. A “0” in the “**P**” position indicates an entire county:

<b>1 = NW</b>	<b>2 = NC</b>	<b>3 = NE</b>
<b>4 = WC</b>	<b>5 = C</b>	<b>6 = EC</b>
<b>7 = SW</b>	<b>8 = SC</b>	<b>9 = SE</b>

(Ohio does not anticipate using county subdivisions at the present time. Therefore a “0” should be used as “**P**” code.)

The **SS** defines the state the EAS is being issued for. The **SS** codes for Ohio and adjacent states are as follows:

Indiana .....	18
Kentucky .....	21

Michigan .....	26
Ohio .....	39
Pennsylvania .....	42
West Virginia .....	54

The **CCC** refers to the county affected. A **000** in this code refers to an entire state. The three digit Ohio county FIPS codes are listed in Paragraph VI, D.

**+TTTT** = (Duration of alert.) Determined by user each time alert is sent. This code is in 15 minute segments up to one hour, and 30 minute segments beyond one hour. The code is as follows: 15 min. = +0015, 30 min. = +0030, 45 min. = +0045, 1 hr. = +0100, 1 hr 30 min. = +0130, etc. A one-hour minimum is recommended to allow enough time for messages to reach all necessary distribution points.

**JJHHMM** = (Date/Time stamp.) Attached automatically by the encoder. **JJJ** is the three digit Julian day of the year. The **HHMM** is the time in hours and minutes using 24-hour universal coordinated time. In Ohio, universal coordinated time can be determined by adding five hours to Eastern Standard Time (EST) or four hours to Daylight Savings Time (DST). This code remains unchanged for all re-transmissions.

**LLLLLLLL** = (Eight character ID, identifies the broadcaster, cable operator, NWS office, or civil authority sending or relaying the message.) *All eight digit positions must be used. Dashes must not be used.* After initial programming, the EAS encoder will automatically affix this code to all outgoing EAS messages. The **LLLLLLLL** codes in Ohio will follow the convention shown in the examples given below:

**WHBCAMFM** - Broadcast station combo

**WNCI(FM)** - Single broadcast station

**WLW/(AM)** - Single broadcast station

**KILN/NWS** - NWS, NOAA weather radio

**STARCOEM** - County Emergency Management. (Example, Stark County)

**STARCOSO** - County Sheriff. (Example, Stark County)

**OHIOSTEM** - State EOC/Emergency Management Agency

“L” codes for county notifier encoders can be found in Attachment IV to this plan.

“L” codes for cable systems will be assigned by the SECC Cable Chairman by July 1, 1997.

(2) Audio Attention Signal

The audio attention signal is a two-tone signal transmitted after the EAS header code.

This signal is 8 seconds in duration and serves to alert listeners to an upcoming emergency broadcast.

(3) EAS Message Text

The EAS message text is the actual text of the emergency message to be transmitted. All Southwest Ohio Local Area EAS messages will begin with the statement: “**WE**

**INTERRUPT THIS PROGRAM TO ACTIVATE THE EMERGENCY ALERT**

**SYSTEM”** and end with the statement: “**THIS CONCLUDES THIS EMERGENCY**

**ALERT SYSTEM MESSAGE.”** This audio message, including open, close and body

must be limited to two minutes in order to fit within the recording space provided in the EAS Decoders.

(4) End of Message Code

The end-of-message code, generated by pushing a button, is the preamble followed by a string of four ASCII “N” characters. The end-of-message code is transmitted by the encoder three times with one second pauses between transmissions. Its purpose is to

return automated broadcast programming equipment to normal programming after an EAS interruption.

- B. The EAS Protocol described above is taken from the FCC Rules, Part 11, and shall be used exclusively by the Ohio EAS System. Each participating station, subject cable system and notifiers in the state shall program their EAS Decoder/Encoder to facilitate the proper functioning of the system as described in this Local Area Plan.

C. Ohio Event Codes:

Whether used under the authority of the Ohio State EAS Plan , or any of the 12 Local Area EAS Plans, the following are the *only* Event Codes to be used in Ohio by anyone for any purpose. No codes can be added without SECC/FCC approval. This list will be maintained as a “Master List” for all event codes used in the State of Ohio. *The SECC recommends pre-setting this entire list in your decoder.*

MANDATED FCC EVENT CODES

Emergency Action Notification .....	EAN**	Emergency Action Termination .....	EAT**
National Information Center .....	NIC	National Periodic Test .....	NPT
Required Monthly Test .....	RMT**	Required Weekly Test .....	RWT**
Tornado Watch .....	TOA	Tornado Warning .....	TOR*
Severe Thunderstorm Watch .....	SVA	Severe Thunderstorm Warning .....	SVR
Severe Weather Statement .....	SVS	Special Weather Statement .....	SPS
Flash Flood Watch .....	FFA	Flash Flood Warning .....	FFW*
Flash Flood Statement .....	FFS	Flood Watch .....	FLA
Flood Warning .....	FLW	Flood Statement .....	FLS
Winter Storm Watch .....	WSA	Winter Storm Warning .....	WSW
Blizzard Warning .....	BZW	High Wind Watch .....	HWA
High Wind Warning .....	HWW	Evacuate Immediate .....	EVI*
Civil Emergency Message .....	CEM*	Practice/Demo Warning .....	DMO

The following Event Codes are awaiting FCC approval. Upon FCC incorporation of these codes into the FCC Rules and Regulations, they should be loaded as pre-sets in decoders:

Closed Circuit Test .....	CCT*	Nuclear Power Plant Test .....	NUT*
Earthquake Warning .....	EQW*	Radiological Emergency .....	RDE*
Gas Leak Emergency .....	GLE*	Shelter in Place Advisory .....	SIP*
Industrial Plant Emergency .....	IPE*	State Advisory .....	STA*
Law Enforcement Emergency .....	LEE*	State Emergency .....	STE*
Local Area Advisory .....	LAA*	Toxic Spill Emergency .....	TSE*
Local Area Emergency .....	LAE*	911 Telephone Outage Emergency ..	TOE*
Nuclear Power Plant Emergency ....	NPE*		

**\*\* Required to be pre-set in all decoders by FCC Rules**

**\* Specified to be pre-set in decoders, as a minimum, per the Ohio State EAS Plan**

D. Ohio Location Codes (PSSCCC):

The first digit (“P”) can be used to indicate one-ninth of a county as described on Page 7. Ohio does not anticipate using the “P” code at the present time. A “0” should be entered for the “P” code.

The remaining 5 digits (“SSCCC”) indicate the state, “39” for Ohio, and county, as listed below:

<u>COUNTY</u>	<u>CODE</u>	<u>COUNTY</u>	<u>CODE</u>	<u>COUNTY</u>	<u>CODE</u>
Adams .....	39001	Guernsey .....	39059	Muskingum .....	39119
Allen .....	39003	Hamilton .....	39061	Noble .....	39121
Ashland .....	39005	Hancock .....	39063	Ottawa .....	39123
Ashtabula .....	39007	Hardin .....	39065	Paulding .....	39125
Athens .....	39009	Harrison .....	39067	Perry .....	39127
Auglaize .....	39011	Henry .....	39069	Pickaway .....	39129
Belmont .....	39013	Highland.....	39071	Pike .....	39131
Brown .....	39015	Hocking .....	39073	Portage .....	39133
Butler .....	39017	Holmes .....	39075	Preble .....	39135
Carroll .....	39019	Huron .....	39077	Putnam .....	39137
Champaign .....	39021	Jackson .....	39079	Richland .....	39139
Clark .....	39023	Jefferson .....	39081	Ross .....	39141
Clermont .....	39025	Knox .....	39083	Sandusky .....	39143
Clinton .....	39027	Lake .....	39085	Scioto .....	39145
Columbiana .....	39029	Lawrence .....	39087	Seneca .....	39147
Coshocton .....	39031	Licking .....	39089	Shelby .....	39149
Crawford .....	39033	Logan .....	39091	Stark .....	39151
Cuyahoga .....	39035	Lorain .....	39093	Summit .....	39153
Darke .....	39037	Lucas .....	39095	Trumbull .....	39155
Defiance .....	39039	Madison .....	39097	Tuscarawas .....	39157
Delaware .....	39041	Mahoning .....	39099	Union .....	39159
Erie .....	39043	Marion .....	39101	Van Wert .....	39161
Fairfield .....	39045	Medina .....	39103	Vinton .....	39163
Fayette .....	39047	Meigs .....	39105	Warren .....	39165
Franklin .....	39049	Mercer. ....	39107	Washington .....	39167
Fulton .....	39051	Miami .....	39109	Wayne .....	39169
Galia .....	39053	Monroe .....	39111	Williams .....	39171
Geauga .....	39055	Montgomery .....	39113	Wood .....	39173
Greene .....	39057	Morgan .....	39115	Wyandot .....	39175
		Morrow .....	39117		

## **VII. MONITORING ASSIGNMENTS**

A. As indicated in Paragraph V, WLW is the Southwest Ohio Local Area Primary station and will be the *originator* for Southwest Ohio Local Area EAS messages. WRRM, the alternate Local Primary station will serve as the *alternate originator* for the Southwest Ohio Local Area EAS and will monitor WLW. All Southwest Ohio Local Area stations and cable systems shall monitor WLW and WRRM. In addition to these LP stations, all participating stations and cable systems are encouraged to monitor the appropriate National Oceanic and Atmospheric Administration (NOAA) weather radio station serving their area. A list of these stations is outlined in Attachment V.

B. The specific monitoring assignment for each of the Southwest Ohio Local Area participating stations are detailed in the Attachment I and III of this plan. If monitoring difficulties are experienced, the local area chairman should be consulted in resolving the problem. The local area chairman will co-ordinate any waiver necessary with the SECC chairman and the FCC.

## **VIII. RESPONSIBILITIES OF PARTICIPATING STATIONS**

A. Stations serving the Ohio EAS System are the key to the effective dissemination of emergency information to the public. Stations should re-transmit as a minimum any emergency message carrying event codes CEM, EAN, EAT, EVI, FFW, RMT or TOR which are originated in the Southwest Ohio Local Area. This will ensure message dissemination through all broadcast and cable media which may have listeners, viewers or subscribers in the area affected by the emergency. This will require effort and attention to detail in EAS decoder programming, station operational planning and staff training. Station engineers or other responsible personnel should be sure that their station procedures and encoder/decoder programming adhere to this plan. Your

local area chairman, adjoining area chairmen and the state chairman will assist you if questions arise regarding the implementation of this plan.

C. Stations must program their EAS decoders to accept emergency messages carrying location codes for all counties which are covered, in whole or in part, by their secondary coverage contour. Attachment III of this plan provides a listing of counties that should be programmed for your station.

## **IX. NOTIFICATION PROCEDURES**

A. Notifiers: The Emergency Management Agency (EMA) Director and the County Sheriff of each of the seven (7) counties in the Southwest Ohio Local Area are designated officials authorized to request activation of the EAS and are known as notifiers. Other local officials must request EAS activation through the authorized notifiers.

B. At the initial implementation of the Ohio EAS, notification will rely on verbal contact with the Local Primary (LP) station for notification requests. Each notifier will be given code words or call back procedures by the Local Area Emergency Communications Committee which will be used to authenticate requests for Local Area EAS activation. Notifiers are listed in Attachment IV of this plan. After July 1, 1997, automated notification will become the primary EAS activation method.

### **C. Requests for Activation**

1. Verbal Activation Requests: Verbal requests for activation of the Southwest Ohio Local Area EAS will be made by contacting WLW, the Local Primary station control room. If WLW cannot be contacted, WRRM, the alternate LP, shall be contacted. Emergency communications from designated notifiers will be handled immediately. Notifiers should have all information to be broadcast prepared and ready to read prior to requesting an EAS activation. Prepared information should contain the type of emergency, area affected and action that should

be taken. Verbal activation requests will only be taken prior to July 1, 1997. After July 1, 1997, all activation requests must be made by notifiers with the proper EAS equipment as outlined in Paragraph 2 below, Automated Activation Requests.

2. Automated Activation Requests: Automated activation requests will be made by contacting WLW through the EAS access line. This telephone number has been provided to all notifiers. If WLW cannot be contacted, WRRM the alternate LP should be contacted.

D. Authentication: Authentication of all requests for activation of the Southwest Ohio Local Area EAS, made by telephone, will be made by return phone call or code word. Authentication procedures will be established by WLW and WRRM for each designated notifier.

E. Severe Weather Warnings: The National Weather Service (NWS) will serve as the primary notifier for severe weather warnings and subsequent weather information. Detailed activation procedures have been agreed upon by the NWS, WLW and the LP stations. The primary means of NWS activation of the Ohio EAS will be over NOAA Weather Radio Specific Area Message Encoder (NWR-SAME) through station monitoring of the NOAA weather radio system. The NWS will verify that the transmission of all weather warnings sent over the NOAA weather radio system occurred. No verification of EAS activation will be made by the NWS unless a specific agreement exists between the NWS and the LP station to contact stations directly by telephone for EAS activation in severe weather situations.

## **X. BROADCASTERS' PROCEDURE**

A. Pre-formatted Alert: Upon receipt of a pre-formatted EAS alert from an authorized notifier, the LP-1 or LP-2 station shall re-transmit that alert immediately.

B. Verbal Activation Request: Upon receipt of a request to activate the Southwest Ohio EAS from an appropriate notifier via a telephone call, and verification has been made of its authenticity, the LP-1 or LP-2 station shall proceed as follows:

- (1) Determine and record the text of the message to be broadcast.
- (2) Prepare the EAS message header to include the EAS protocol with the proper originator, event, location codes, effective time and attention signal.
- (3) Transmit the EAS message header and attention tones.
- (4) Broadcast the emergency announcement audio, not to exceed two minutes in length. It is suggested that all Southwest Ohio Local Area EAS messages be formatted and preceded with the following beginning and ending statements: **“WE INTERRUPT THIS PROGRAM TO ACTIVATE THE EMERGENCY ALERT SYSTEM.”** (text of emergency announcement) **“THIS CONCLUDES THIS EMERGENCY ALERT SYSTEM MESSAGE.”**
- (5) Transmit the EAS end-of-message code.

Verbal activation requests will only be taken prior to July 1, 1997, or in cases where EAS equipment failures dictate the need for verbal activation.

C. All broadcast stations and cable systems in the Southwest Ohio Local Area monitoring the key LP stations will be alerted by their EAS decoders based on the event and location codes contained in the EAS digital header. Upon receipt of a valid EAS message each station or cable system should re-transmit the message within 15 minutes of receipt.

D. To avoid unnecessary escalation of public confusion, all broadcast stations must be cautious in providing information and news pertaining to the emergency. All messages must be based on definite and confirmed facts. This can best be assured by using the notifier's or originating station's own audio as transmitted through the EAS decoder/encoder equipment.

E. Upon completion of the EAS transmission, appropriate notations must be entered into the station log. It is suggested that the FCC's EAS office be notified of EAS activations by filing FCC Form 201.

## **XI. LEGAL MATTERS**

- A. As a reminder to broadcasters, the following legal points are made regarding emergency alert operations. (For complete information, consult FCC Rules and Regulations, Part 11)
- B. While the broadcast of EAS messages is encouraged, use of Ohio EAS material is solely up to the discretion of individual station or cable system management. Although the activation of the EAS is discretionary at the state and local levels, *if it is activated*, all communications facilities within the affected area that are participating in the EAS at the state or local level are expected to take part in the activation and to follow the requirements of the FCC's rules, the EAS Operating Handbook, the State EAS Plan and this Local Area Plan. (See FCC Rules, Part 11, Secs. 11.21, 11.41 and 11.55.)
- C. All participating stations have permission to rebroadcast Ohio EAS messages. Such rebroadcast permission begins with issuance of the EAS signaling and alert tones, and ends with the EAS end-of- message code. Stations are encouraged to configure their EAS encoders for automatic relay of EAS messages. Unattended stations must operate EAS encoders in automatic mode.
- D. In the event of an EAS activation, stations with certain power, pattern and operating hours limitations may forego those limitations subject to FCC Rules and Regulations.

## **XII. STEPS STATIONS SHOULD TAKE TO PARTICIPATE IN THE SOUTHWEST OHIO LOCAL AREA EMERGENCY ALERT SYSTEM**

- A. The success of the Southwest Ohio Local Area EAS will hinge entirely upon the operating staff and equipment configuration of each broadcast station at the time of a weather warning or other emergency which justifies activation of the Ohio EAS.
- B. All Ohio EAS stations must have an EAS Encoder/Decoder fed by audio from their LP-1 and LP-2 monitoring assignments. In addition, input from the appropriate NWS weather radio

station is strongly encouraged. A list of NOAA radio stations covering Ohio is provided in Attachment V. Encoder/Decoders must be programmed (pre-set) to accept EAS messages carrying all the FCC required event codes (normally done by the equipment manufacturer). The SECC encourages stations and cable operators to pre-set all the event codes shown in Paragraph VI, C. As a minimum, those required by the FCC and those shown with a single asterisk must be pre-set in order to participate in the Ohio EAS System. Decoders should be programmed to accept *any county location code* within the station's secondary coverage contour as prescribed in the *EAS station specification sheets*, Attachment III of this plan. Unless a facility is attended 24 hours, encoder/decoders should be configured to automatically rebroadcast properly addressed EAS messages. EAS equipment should be configured to notify station personnel of any EAS activation. LP stations must program their decoders for additional location codes as prescribed in the State EAS plan. Cable systems should program their decoders to cover any county location code covered by their system.

C. Placement of the EAS equipment is critical. It must be placed where regular station personnel can hear it and observe the message printer on the decoder, should it activate at any time.

D. Each station is unique in the role that it plays in the EAS system. Questions related to this plan or on the specific details and requirements for fulfilling the needs of your specific area should be addressed to the Southwest Ohio Local Area EAS chairman or vice chairman.

E. Stations should, based on this plan, devise their own standard operating procedures, and those procedures should be posted at the EAS equipment for quick reference by station personnel. A copy of this plan alone cannot possibly be considered adequate for station personnel to use as a guide at the time of activation, nor can station personnel be expected to remember what to do after studying this plan. This plan must be applied to each station. Therefore a clear, concise

step-by-step operating procedure, readily available, for operating personnel to use at the time of an emergency, is absolutely necessary if the EAS is to be successful.

F. The state EAS has both audio and video capabilities. Television stations and cable TV systems participating in the Ohio EAS should have systems configured at all times to air the EAS message crawler as well as audio during EAS messages. All participating stations and cable systems are encouraged to purchase EAS equipment with multiple monitoring capability. This should include as a minimum the ability to monitor two assigned over-the-air LP broadcast stations plus a NOAA weather radio station. For LP-1 and LP-2 stations, equipment should also allow for the telephone interface of notifiers' encoders or the interface of existing remote pickup unit equipment, if appropriate. Local Primary stations should pay particular attention to their multiple monitoring responsibilities when selecting EAS equipment.

G. All participating stations should assign a permanent input on their master control console to receive program audio from the LP station sources as shown on the station monitoring chart on Pages 24 - 26, Attachment III.

**XIII. TEST PROCEDURES**

A. EAS weekly tests of the EAS header and end-of-message codes must be conducted by all stations in accordance with FCC Rules. This is known as the Required Weekly Test (RWT).

B. Southwest Ohio Local Area monthly tests will originate from the Southwest Ohio Local Primary (LP) station or from county Emergency Operations Centers on the following schedule. Tests will be conducted in accordance with the FCC Rules and Regulations. Tests must be re-transmitted within 15 minutes of receipt by all participating EAS stations. Tests originating from County Emergency Operations Centers will be initiated by the county Emergency Management Agency on a rotational basis.

MONTH	TIME FRAME	STATION	ORIGINATING SOURCE
January	Daytime / 8:30 AM to Local Sunset	LP-1	County EOC

February	Nighttime / Local Sunset to 8:30 AM	LP-2	Station Staff
March	Daytime / Statewide Tornado Test	SP	State EOC/JDF Staff
April	Nighttime / Local Sunset to 8:30 AM	LP-1	Station Staff
May	Daytime / 8:30 AM to Local Sunset	LP-2	County EOC
June	Nighttime / Local Sunset to 8:30 AM	LP-2	Station Staff
July	Daytime / 8:30 AM to Local Sunset	LP-1	County EOC
August	Nighttime / Local Sunset to 8:30 AM	LP-1	Station Staff
September	Daytime / 8:30 AM to Local Sunset	LP-2	County EOC
October	Nighttime / Local Sunset to 8:30 AM	SP	State EOC/JDF Staff
November	Daytime / 8:30 AM to Local Sunset	LP-1	County EOC
December	Nighttime / Local Sunset to 8:30 AM	LP-2	Station Staff

C. Statewide EAS tests will be conducted twice each year and will count as the required monthly test for the month in which it runs. One of these tests will take place as part of the Ohio “Tornado Safety Week” activities, held in March of each year. This test will be conducted on a Wednesday in March. A second statewide EAS test will be conducted in October between the hours of local sunset and 8:30 A.M. The SECC will send a mailing to all stations announcing these tests. Statewide EAS tests will be originated by the Ohio EMA from the State Emergency Operations Center/Joint Dispatch Facility (EOC/JDF).

D. The following script will be used for statewide tests or Local Area tests:

**“THIS IS A (STATEWIDE/LOCAL AREA) TEST OF THE (OHIO/ SOUTHWEST AREA) EMERGENCY ALERT SYSTEM, ORIGINATING FROM THE [STATE/COUNTY EMERGENCY OPERATIONS CENTER/STUDIOS OF THE (LP-1/LP-2) STATION] IN (COLUMBUS/COUNTY). THIS IS ONLY A TEST. THE OHIO EMERGENCY ALERT SYSTEM HAS BEEN DESIGNED TO PROVIDE THE PUBLIC WITH TIMELY WARNINGS AND EMERGENCY INFORMATION. HAD THIS BEEN AN ACTUAL EMERGENCY, YOU WOULD HAVE RECEIVED INSTRUCTIONS AND INFORMATION RELATED TO THAT EMERGENCY OVER**

**THIS AND OTHER STATIONS IN YOUR AREA. THIS CONCLUDES THIS TEST OF THE (OHIO/SOUTHWEST) EMERGENCY ALERT SYSTEM.”**

**XIV. OHIO EAS EMERGENCY COMMUNICATIONS COMMITTEE (ECC)**

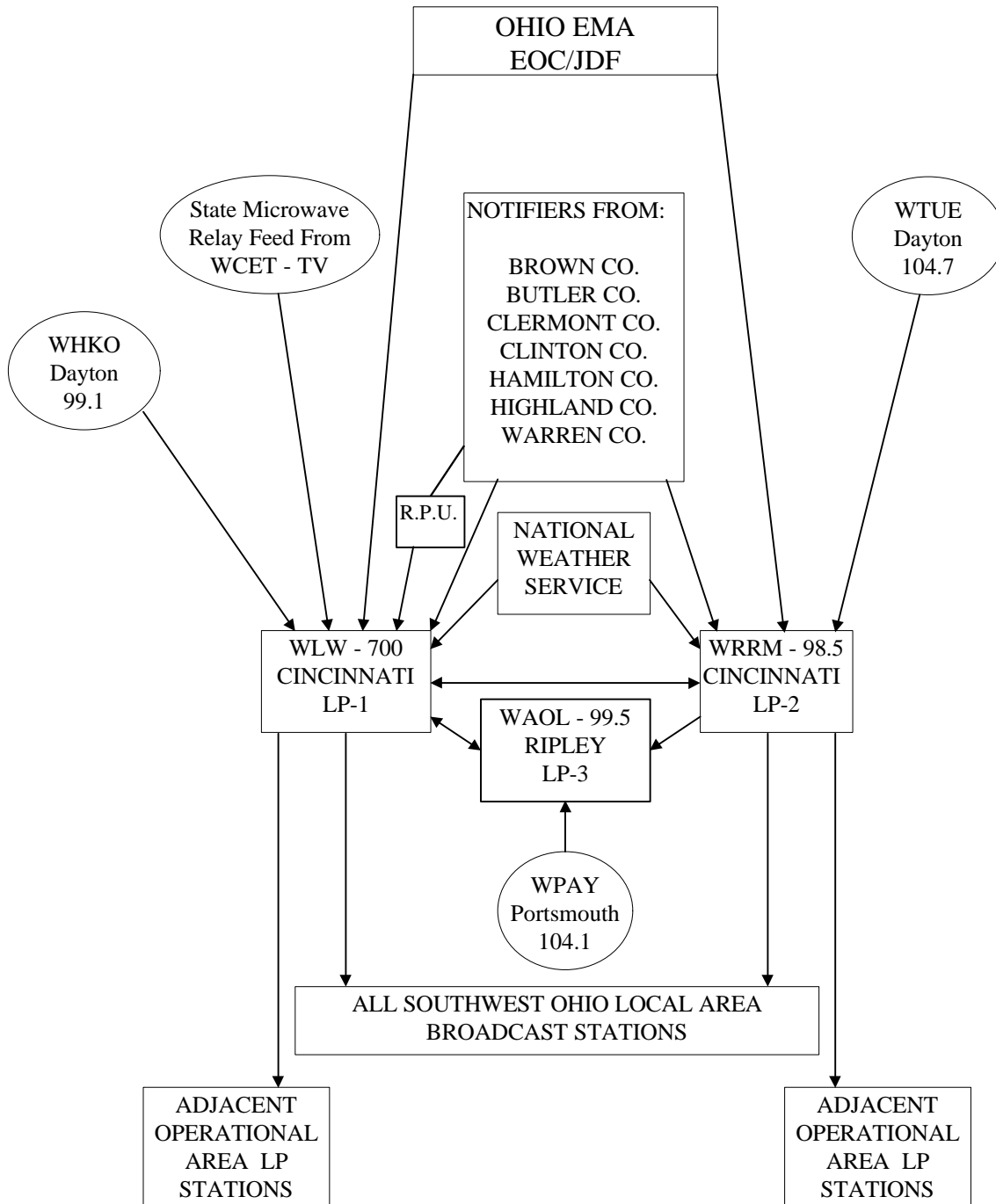
Emergency Communications Committee (ECC) Chairman and Vice Chairman are appointed by the Federal Communications Commission (FCC). Local Area ECC members include a Chairman and Vice Chairman and other volunteer members appointed by the Local Area ECC Chairman. State Emergency Communications Committee (SECC) members include a State Chairman, a State Vice Chairman, A Cable Co-Chairman, the Chairman and Vice Chairman of the twelve (12) Ohio Local Areas and other voluntary members appointed by the SECC Chairman. Your ECC Chairman and Vice Chairman welcome your questions and comments concerning this plan. The Southwest Ohio, and State ECC Chairman and Vice Chairman are listed in Attachment VI.

**XV. ACRONYMS**

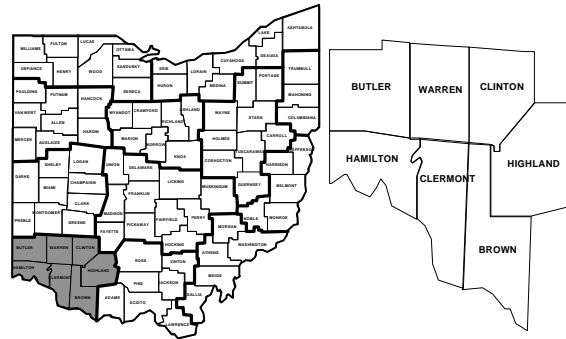
EAS	Emergency Alert System
EMA	Emergency Management Agency
EOC	Emergency Operations Center
FCC	Federal Communications Commission
LP-1	Local Primary Station
LP-2	Local Primary Station, alternate
LP-3	Local Primary Station, alternate, relay
LECC	Local Emergency Communications Committee
NOAA	National Oceanic and Atmospheric Administration
NWS	National Weather Service
RPU	Remote Pickup Unit
SAME	Specific Area Message Encoder
SECC	State Emergency Communications Committee
EOC/JDF	Emergency Operations Center/Joint Dispatch Facility

ATTACHMENT I

SOUTHWEST OHIO LOCAL AREA  
COMMUNICATIONS AND EAS MONITORING CHART



**RADIO AND TV STATIONS IN THE  
SOUTHWEST OHIO LOCAL AREA**



<u>STATION</u>	<u>FREQUENCY</u>	<u>EAS DESIGNATION</u>
<b><u>AM</u></b>		
WCIN Cincinnati	1480	Participating
WSAI Cincinnati	1530	Participating
WCNW Fairfield	1560	Participating
WUBE Cincinnati	1230	Participating
WKFI Wilmington	1090	Participating
WCKY Cincinnati	550	Participating
<b>WLW Cincinnati</b>	<b>700</b>	<b>Local Primary-1</b>
WMOH Hamilton	1450	Participating
WAZU Cincinnati	1360	Participating
WPFM Middletown	910	Participating
WSRW Hillsboro	1590	Participating
WTSJ Cincinnati	1050	Participating
<b><u>FM</u></b>		
<b>WAOL Ripley</b>	<b>99.5</b>	<b>Local Primary-3</b>
WVNU Greenfield	97.5	Participating
WJVS Cincinnati	88.3	Non-participating
WAKW Cincinnati	93.3	Participating
WYGY Hamilton	96.5	Participating
WGRR Hamilton	103.5	Participating
WEBN Cincinnati	102.7	Participating
WGUC Cincinnati	90.9	Participating
WKRQ Cincinnati	101.9	Participating
WVAE Fairfield	94.9	Participating
WAQZ Milford	107.1	Participating
WMUB Oxford	88.5	Participating
WWNK Cincinnati	94.1	Participating
WOXY Oxford	97.7	Participating
WPBF Middletown	105.9	Participating
WAIF Cincinnati	88.3	Participating
WMKV Reading	89.3	Participating
WYJC Delhi Hills	90.1	Participating

**SOUTHWEST OHIO OPERATIONAL AREA**

Attachment II

<b>WRRM Cincinnati</b>	<b>98.5</b>	<b>Local Primary-2</b>
WSRW Hillsboro	106.7	Participating
WSWO Wilmington	102.3	Participating
WUBE Cincinnati	105.1	Participating
WVXU Cincinnati	91.7	Participating
WOFX Cincinnati	92.5	Participating
WHSS Hamilton	89.5	Participating
WAXZ Georgetown	97.7	Participating
WLHS West Chester	89.9	Participating
WLMH Morrow	89.1	Participating
WNLT Harrison	104.3	Participating
WMMA Lebanon	97.3	Participating
WAGX Manchester	101.3	Participating
WOBO Batavia	88.7	Participating

**TV**

<b>WCET Cincinnati</b>	<b>CH 48</b>	<b>State Relay</b>
WCPO Cincinnati	CH 9	Participating
WSTR Cincinnati	CH 64	Participating
WKRC Cincinnati	CH 12	Participating
WLWT Cincinnati	CH 5	Participating
WPTO Oxford	CH 14	Non-participating
WXIX Cincinnati/Newport, KY	CH 19	Participating



PARTICIPATING STATION SPECIFICATIONS															
SOUTHWEST OHIO AREA															
AM STATIONS															
Monitoring Assignments	WLW-WRRM	WLW-WRRM	WLW-WRRM	WLW-WRRM	WLW-WRRM	WLW-WRRM	SEE ATT. I	WLW-WRRM	WLW-WRRM	WLW-WRRM	WLW-WRRM	WLW-WRRM			
PN Stations	WCIN	WSAI	WCNW	WUBE	WKFI	WCKY	WLW	WMOH	WAZU	WPFB	WSRW	WTSJ			
COUNTIES															
ADAMS						X	X				X				
ALLEN							X								
AUGLAIZE							X								
BROWN		X			X	X	X			X	X				
BUTLER	X	X	X	X		X	X	X	X	X		X			
CHAMPAIGN						X	X								
CLARK					X	X	X			X					
CLERMONT	X	X	X	X	X	X	X		X	X		X			
CLINTON		X			X	X	X			X					
DARKE						X	X			X					
DELAWARE							X								
FAIRFIELD							X								
FAYETTE					X	X	X								
FRANKLIN							X								
GREENE					X	X	X			X					
HAMILTON	X	X	X	X		X	X	X	X	X		X			
HANCOCK							X								
HARDIN							X								
HIGHLAND		X			X	X	X				X				
HOCKING							X								
JACKSON							X								
LAWRENCE							X								
LICKING							X								
LOGAN							X								
MADISON						X	X								
MARION							X								
MERCER							X								
MIAMI						X	X			X					
MONTGOMERY		X	X		X	X	X	X	X	X					
MORROW							X								
PAULDING							X								
PICKAWAY							X								
PIKE						X	X								
PREBLE		X	X			X	X	X	X	X					
PUTNAM							X								
ROSS						X	X								
SCIOTO						X	X								
SHELBY						X	X								
UNION							X								
VAN WERT							X								
VINTON							X								
WARREN	X	X	X	X	X	X	X	X	X	X		X			
WYANDOT							X								

<b>PARTICIPATING STATION SPECIFICATIONS</b>										
<b>SOUTHWEST OHIO AREA</b>										
<b>TV STATIONS</b>										
Monitoring Assignments	WLW-WRRM	WLW-WRRM	WLW-WRRM	WLW-WRRM	WLW-WRRM	WLW-WRRM				
PN Stations	WCPO	WSTR	WKRC	WLWT	WPTO	WXIX				
<b>COUNTIES</b>										
ADAMS	X		X	X		X	X			
BROWN	X	X	X	X		X	X			
BUTLER	X	X	X	X	X	X	X			
CHAMPAIGN				X						
CLARK	X		X	X						
CLERMONT	X	X	X	X		X	X			
CLINTON	X	X	X	X		X	X			
DARKE	X		X	X	X	X	X			
FAYETTE	X		X	X						
GREENE	X	X	X	X		X	X			
HAMILTON	X	X	X	X	X	X	X			
HIGHLAND	X	X	X	X		X	X			
MADISON				X						
MIAMI	X		X	X		X	X			
MONTGOMERY	X	X	X	X	X	X	X			
PIKE				X						
PREBLE	X	X	X	X	X	X	X			
ROSS				X						
SHELBY				X						
WARREN	X	X	X	X	X	X	X			

## SOUTHWEST OHIO EAS LOCAL AREA NOTIFIER LIST

**BROWN COUNTY****“L” CODE**

Jane Cahall, Director  
 800 Mount Orab Pike  
 Georgetown, Ohio 45121  
 (937) 378-3956

BROWCOEM

Windell A. Crawford, Sherrif  
 750 Mount Orab Pike  
 Georgetown, Ohio 45121  
 (937) 378-4155

BROWCOSO

**BUTLER COUNTY**

Irene Lewis, Director  
 Courthouse Annex, 141 Court Street  
 Hamilton, Ohio 45011  
 (513) 844-8020 (24 Hrs.)

BUTLCOEM

Don Gabbard, Sheriff  
 123 Court Street  
 Hamilton, Ohio 45011  
 (513) 887-3000

BUTLCOSO

**CLERMONT COUNTY**

James Owens, Director  
 2279 Clermont Center Road  
 Batavia, Ohio 45121  
 (513) 732-7235 or 7661

CLERCOEM

Albert J. Rodenberg, Jr., Sheriff  
 4470 State Route 222  
 Batavia, Ohio 45103  
 (513) 732-7500

CLERCOSO

**CLINTON COUNTY**

Ms. Shawn Henry, Director  
46 South South Street  
Wilmington, Ohio 45177  
(937) 382-6673

**“L” CODE**

CLINCOEM

Ralph D. Fizer Sr., Sheriff  
43 South Walnut Street  
Wilmington, Ohio  
(937) 382-1611

CLINCOSO

**HAMILTON COUNTY**

Don Maccarone, Director  
2377 Civic Center Drive  
Cincinnati, Ohio 45231  
(513) 851-7080

HAMICOEM

Simon L. Leis, Jr., Sheriff  
1000 Sycamore, Room 110  
Cincinnati, Ohio 45202  
(513) 632-8822

HAMICOSO

**HIGHLAND COUNTY**

James Lyle, Director  
P. O. Box 18, 301 North High  
Hillsboro, Ohio 45133  
(937) 393-5880

HIGHCOEM

Tom Horst, Sheriff  
110 Gov. Foraker Place  
Hillsboro, Ohio 45133  
(937) 393-1421

HIGHCOSO

**WARREN COUNTY**

**“L” CODE**

William G. Fenlon, Director  
500 Justice Drive  
Lebanon, Ohio 44035  
(513) 933-1313

WARRCOEM

Tom Ariss, Sheriff  
550 Justice Drive  
Lebanon, Ohio 45036  
(513) 933-1280

WARRCOSO

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Mark A. Patchen, Chief, Support Services  
Ohio Emergency Management Agency  
2855 West Dublin Granville Road  
Columbus, Ohio 43235-2206  
(614) 889-7150

OHIOSTEM

Kenneth J. Haydu, M-I-C  
National Weather Service Office  
1901 South State Street, Route 134  
Wilmington, Ohio 45177  
(937) 383-0228

KILN/NWS



ATTACHMENT V  
NOAA WEATHER STATIONS SERVING OHIO COUNTIES

The following is a listing of all NOAA weather station outlets serving Ohio points along with the counties for which SAME encoded warnings will be carried. Warnings for some counties are carried on more than one station:

City, Call Sign, Radar Site, Frequency

Akron, KDO-94, CLE, 162.40

Counties: Ashland, Carroll, Columbiana, Harrison, Holmes, Jefferson, Mahoning, Medina, Portage, Summit, Trumbull, Tuscarawas, Wayne, Stark

Ashland, KY, KIH-39, RLX, 162.55

Counties: Adams, Lawrence, Scioto, Jackson, Gallia

Bridgeport, WWF-35, PBZ, 162.525

Counties: Athens, Belmont, Coshocton, Guernsey, Harrison, Jefferson, Monroe, Morgan, Muskingum, Noble, Tuscarawas, Washington

Cambridge, (Highhill) WXJ-47, PBZ, 162.475

Counties: Athens, Belmont, Coshocton, Gallia, Guernsey, Harrison, Jefferson, Meigs, Monroe, Morgan, Muskingum, Noble, Tuscarawas, Washington

Castalia, KHB-97, CLE, 162.40

Counties: Ashland, Crawford, Erie, Huron, Knox, Lorain, Marion, Morrow, Ottawa, Richland, Sandusky, Seneca, Wyandot

Spencer, WV, WXM-70, RLX, 162.50

Counties: Athens, Gallia, Meigs, Morgan, Washington

Chesterland, KHB-59, CLE, 162.55

Counties: Ashtabula, Cuyahoga, Erie, Geauga, Huron, Lake, Lorain, Medina, Portage, Summit

Columbus, KIG-86, ILN, 162.55

Counties: Athens, Champaign, Clark, Delaware, Fairfield, Fayette, Franklin, Greene, Hocking, Knox, Licking, Madison, Marion, Morgan, Morrow, Muskingum, Perry, Pickaway, Pike, Ross, Union, Vinton

Covington, KY, KIH-42, RLX, 162.55

Counties: Adams, Butler, Warren, Clermont, Brown, Clinton, Hamilton, Highland

Erie, PA, KEC-58, ERI, 162.40

Counties: Ashtabula

Ft. Wayne, IN, WXJ-58, FWA, 162.55

Counties: Defiance, Mercer, Paulding, Van Wert, Williams

Holland, WXL-51, CLE, 162.55

Counties: Fulton, Henry, Lucas, Ottawa, Sandusky, Seneca, Wood

Warnings for Defiance and Williams Counties will be aired for the purpose of relay into the EAS.

Lima, WXJ-93, ILN, 162.40

Counties: Allen, Auglaize, Hancock, Hardin, Logan, Mercer, Paulding, Putnam, Shelby, Van Wert, Wyandot

Miamisburg, WXJ-46, ILN, 162.475

Counties: Butler, Champaign, Clark, Clinton, Darke, Greene, Logan, Miami, Montgomery, Preble, Shelby, Warren

**SOUTHWEST OHIO LOCAL AREA  
EMERGENCY COMMUNICATIONS COMMITTEE (ECC)**

Chairman

Mr. Paul Jellison  
Radio Station WLW  
1111 St. Gregory Street  
Cincinnati, Ohio 45202  
(513) 241-9597  
(513) 723-9221 (Fax)

Vice Chairman

Mr. Ted Kendrick  
Radio Station WASI-AM  
1111 St. Gregory Street  
Cincinnati, Ohio 45202  
(513) 241-6565  
(513) 723-9221 (Fax)

**STATE EMERGENCY COMMUNICATIONS COMMITTEE (SECC)**

Chairman

Mr. William C. Glasser  
Radio Station WHBC  
P.O Box 9917  
Canton, Ohio 44711  
(330) 456-7166  
(330) 456-7199 (Fax)

Vice Chairman

Mr. Mark A. Patchen  
Ohio Emerg. Mgmt. Agcy.  
2855 W. Dublin Granville Rd. P. O. Box 178  
Columbus, Ohio 43235-2206  
(614) 889-7155  
(614) 889-7183 (Fax)

Cable Co-Chairman

Sebio Diluciano, Reg. Mgr.  
Adelphia Cable Comms.  
Lorain, Ohio 44052  
(216) 245-1353  
(216) 245-6094 (Fax)

EAS RADIO AND TV STATIONS  
ADDRESS AND TELEPHONE NUMBERS

WCIN-AM  
3540 Reading Road  
Cincinnati, Ohio 45229-2626  
(513) 281-7180

WSAI-AM  
1111 St. Gregory Street  
Cincinnati, Ohio 45202  
(513) 421-9724

WCNW-AM  
8686 Michael Lane  
Fairfield, Ohio 45014  
(513) 829-7700

WUBE-AM/FM & WYGY-FM  
225 East 6th Street  
Cincinnati, Ohio 45202  
(513) 721-1050

WKFI-AM & WSWO-FM  
Box 1  
Wilmington, Ohio 45177  
(513) 382-1608

WCKY-AM  
1111 St. Gregory Street  
Cincinnati, Ohio 45202  
(513) 241-6565

WLW-AM  
1111 St. Gregory Street  
Cincinnati, Ohio 45202  
(513) 241-9597

WMOH-AM  
208 Gairgrove  
Hamilton, Ohio 45011  
(513) 863-1111

WPFB-AM & FM  
4505 Central Avenue  
Middletown, Ohio 45044  
(513) 422-3625

WSRW-AM & FM  
Box 9, State Route  
Hillsboro, Ohio 45133  
(513) 393-1590

WTSJ-AM  
800 Compton Road, #33  
Cincinnati, Ohio 45231  
(513) 931-8080

WVNU-FM  
P. O. Box 329  
Greenfield, Ohio 45123-0329  
(513) 981-2107 (Fax)

WAKW-FM  
6275 College View Place  
Cincinnati, Ohio 45224  
(513) 542-3442

WGRR-FM  
3656 Edwards Road  
Cincinnati, Ohio 45208  
(513) 321-8900

WEBN/WOFX-FM  
1111 St. Gregory Street  
Cincinnati, Ohio 45202  
(513) 621-9326

WKRQ/WWNK-FM  
1906 Highland Avenue  
Cincinnati, Ohio 45219  
(513) 763-5500

WOXY-FM  
5120 College Corner Pike  
Oxford, Ohio 45056  
(513) 523-4114

WRRM-FM  
205 West 4th Street, #1200  
Cincinnati, Ohio 45204  
(513) 241-9898

WVXU-FM  
3800 Victory Parkway  
Cincinnati, Ohio 45207  
(513) 731-9898

WMMA-FM  
P. O. Box 27  
Lebanon, Ohio 45036-0027

WCET-TV, Channel 48  
1223 Central Parkway  
Cincinnati, Ohio 45214  
(513) 381-4033

WCPO-TV, Channel 9  
500 Central Avenue  
Cincinnati, Ohio 45202  
(513) 721-9900

WSTR-TV, Channel 64  
5177 Fishwick Drive  
Cincinnati, Ohio 45216  
(513) 641-4400

WKRC-TV, Channel 12  
1906 Highland Avenue  
Cincinnati, Ohio 45219  
(513) 763-5500

WLWT-TV, Channel 5  
140 West 9th Street  
Cincinnati, Ohio 45202  
(513) 352-5000

WXIX-TV, Channel 19  
P. O. Box 140444  
Cincinnati, Ohio 45250  
(513) 772-1919

WAOZ-AM  
1111 St. Gregory Street  
Cincinnati, Ohio 45202  
(513) 421-9724

WAOL-FM  
8354 Fryer Road  
Georgetown, Ohio 45121  
(513) 378-6151

WJVS-FM  
3254 East Kemper Road  
Cincinnati, Ohio 45241  
(513) 771-8810

WGUC-FM  
1223 Central Parkway  
Cincinnati, Ohio 45214  
(513) 241-8282

WAQZ-FM  
1111 St. Gregory Street  
Cincinnati, Ohio 45202  
(513) 621-9326

WMUB-FM  
Williams Hall, Miami University  
Oxford, Ohio 45056  
(513) 529-5885

WAIF-FM  
2525 Victory Parkway  
Cincinnati, Ohio 45206  
(513) 961-8900

WMKV-FM  
11100 Springfield Pike  
Cincinnati, Ohio 45246  
(513) 782-2427

WPTO-TV, Channel 14  
  
Oxford, Ohio

WYJC-FM  
  
Delhi Hills, Ohio

WVAE-FM  
250 West Court Street  
Cincinnati, Ohio 45202  
(513) 241-9500

WHSS-FM  
1165 Eaton Road  
Hamilton, Ohio 45013  
(513) 887-5000

WAXZ-FM  
8354 Fryer Road  
Georgetown, Ohio 45121  
(513) 378-6151

WLMH-FM  
605 Welch Road  
Morrow, Ohio 45132  
(513) 899-3884

WNLT-FM  
8686 Michael Lane  
Fairfield, Ohio 45014  
(513) 829-7700

WAGX-FM  
Box 492  
Manchester, Ohio 45144  
(606) 564-8474

WOBO-FM  
Box 338  
Owensville, Ohio 45160  
(513) 724-3939