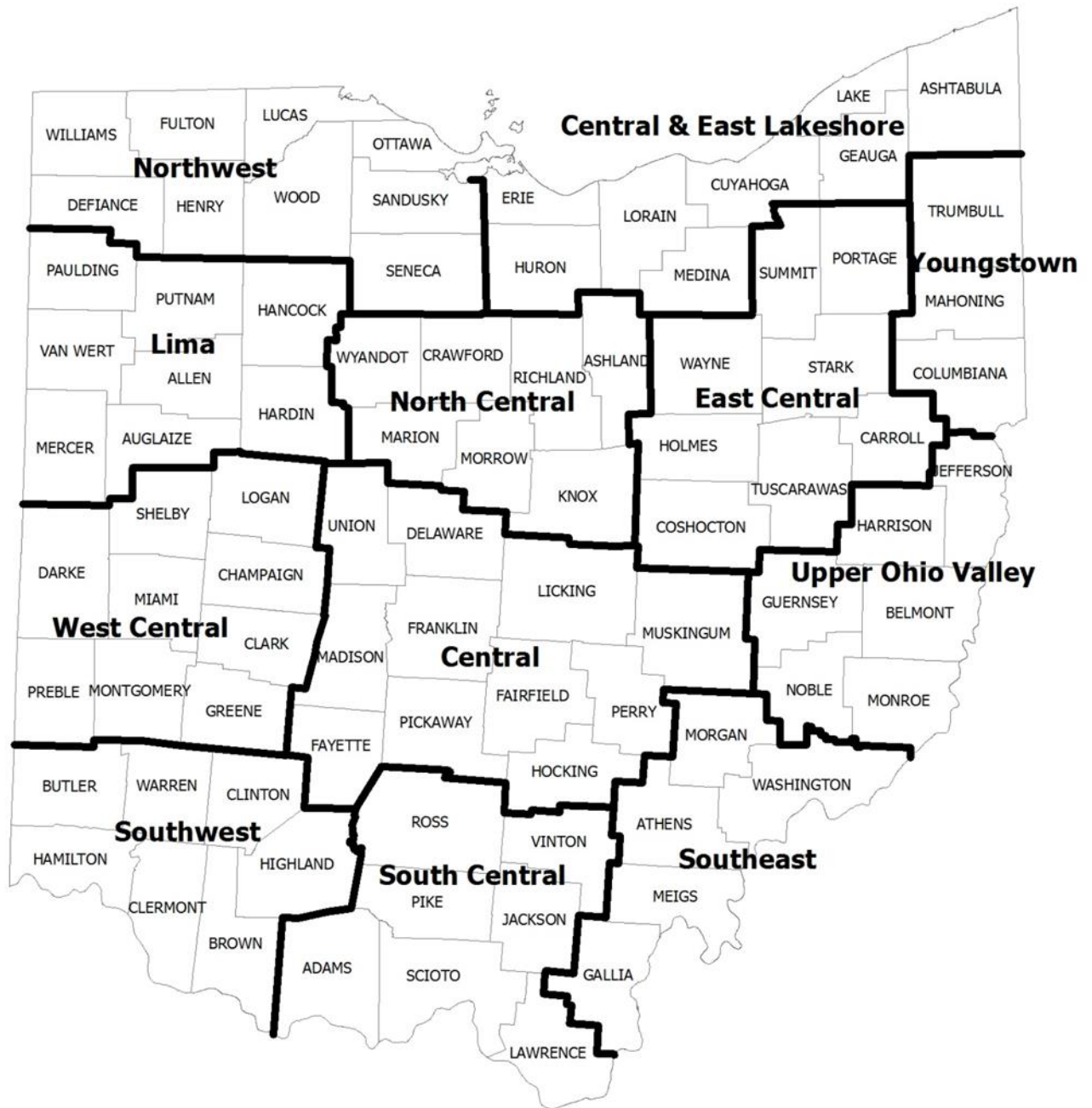


STATE OF OHIO

EMERGENCY ALERT SYSTEM (EAS) PLAN

DECEMBER 2018



APPROVALS

This State of Ohio Emergency Alert System (EAS) Plan was developed by the State of Ohio EAS Emergency Communications Committee, in cooperation with the National Weather Service (NWS) and the Ohio Emergency Management Agency (EMA).



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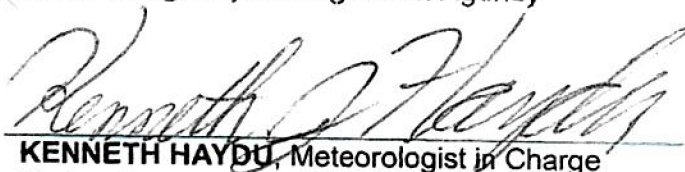
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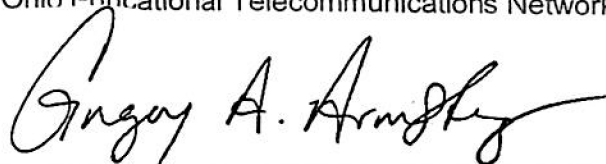
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This Plan supersedes all previously published State EAS Plans.

Approved by FCC in March 2019. Final signature obtained April 2020.

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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 Ohio by activating the State of Ohio Emergency Alert System (EAS) or any of the 12 Local Operational Area Systems.

II. AUTHORITY

47 CFR, Part 11, Federal Communications Commission (FCC) Rules and Regulations.

III. GENERAL INFORMATION

- A. The Ohio EAS will utilize digital message encoding/decoding equipment which complies with the standards in the FCC rules, Part 11, and is certified by the FCC.
- B. The Ohio EAS is made up of 12 Local Areas, also known as “Local Operational Areas.” This Plan was prepared by members of the Ohio State Emergency Communications Committee (SECC), in cooperation with the State of Ohio Emergency Management Agency (EMA) and the National Weather Service (NWS). 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 State of 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, child abductions 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 working in conjunction with the State Primary (SP) station (WNCI-FM) and the Operational Area Local Primary (LP) EAS stations. The Plan also describes EAS access via the Integrated Public Alerting and Warning System (IPAWS). The State of Ohio EAS area consists of all Ohio’s 88 counties which are grouped into twelve Local Operational Areas. The Plan also envisions involvement of the broadcast media, as may be appropriate, in counties of Pennsylvania, Kentucky, Michigan, Indiana and West Virginia adjacent to the counties making up the Ohio EAS Local Operational Areas. This is a two-way involvement, providing for EAS messages originated by Ohio stations to be disseminated over stations in adjacent states which have Ohio coverage, and for EAS messages originated by stations in adjacent states to be disseminated over Ohio stations having coverage in those adjacent states.
- 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. The twelve Ohio Local Operational Area EAS Plans are revised and updated independently of the State EAS Plan.
- F. The following are the FCC designations reflecting the EAS status of every broadcaster and cable operator. Consult Attachment III (Ohio EAS Operational Areas & Participating Stations) to this Plan to determine each station’s EAS designation.

NP (National Primary) Stations – 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 (SP-1) WNCI and Alternate State Primary (SP-2) WBNS-FM.

SP (State Primary) – The entry point for statewide Ohio EAS announcements. WNCI, Columbus, serves as the State Primary station. The Alternate State Primary station is WBNS-FM.

LP-1 and LP-2 (Local Primary) – EAS entry point stations for activating the EAS in each operational area. There are at least two in each area. The LP-1 is the primary Local Primary station. The LP-2 is the Alternate Local Primary station. LP 1 and 2 stations are to be monitored by all participating stations in the area.

LP-3 (Local Primary 3) – LP-3 stations are designated in some areas to bridge operational areas. LP-3 stations also serve as monitoring points for stations that cannot pick up a signal from an LP-1 or LP-2.

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

IV. OHIO EAS CONFIGURATION

The Ohio EAS is a fully automated system allowing Notifiers through dedicated encoders to selectively provide Ohio citizens with timely emergency information and warnings. This State Plan outlines general guidelines for EAS configuration, activation and use, and state activation procedures. Local area notification procedures are outlined in the twelve (12) Ohio Local Operational Area EAS Plans.

Notifiers must have EAS encoder equipment. 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.

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 and cable systems with 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 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 interruptible system. Emphasis will be placed on Notifiers having 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 Operational Area LP-1 and LP-2 stations by all broadcasters and cable operators and strongly recommend that all broadcasters and cable operators monitor the NOAA weather radio station issuing weather warnings for counties within their coverage area. The approval to monitor a LP-3 station is granted when difficulties are encountered in receiving a LP-1 or LP-2 station.

V. ORIGINATING STATIONS

- A. The State of Ohio EAS's originating station is WNCI (FM), Columbus, Ohio (97.9 MHz), designated the State Primary (SP-1) station. The State of Ohio EAS's alternate originating station is WBNS-FM, Columbus, Ohio (97.1 MHz), designated the Alternate State Primary station (SP-2). If WNCI cannot be contacted, WBNS should be notified and requested to activate the State of Ohio EAS.
- B. In the case of localized emergency situations not involving the entire state, state level Notifiers may request activation of the EAS on a local operational area basis through the local area Local Primary (LP) stations serving the affected area.

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. The actual generation of EAS messages is accomplished through the use of FCC-accepted EAS encoder/decoder equipment. EAS encoder/decoder equipment software generates the header and end-of-message codes using plain English entries, through menu prompts.

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. An EAS encoder transmits the code three times with a one-second pause between transmissions.

The originator code part of this header is pre-set once by the user. The code is then sent automatically by the encoder as part of each message activation. 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
National Weather Service	WXR
Primary Entry Point system	PEP (national use only)

Within the EAS header is an eight-character identification code. These eight-characters identify the broadcaster, cable operator, NWS office, or civil authority transmitting or retransmitting the message. Once programmed, the EAS encoder will automatically affix this code to outgoing EAS messages. Identification codes in Ohio will follow the convention shown in the examples below, except for cable system codes which may vary:

WHBCAMFM	Broadcast station combo (<i>Example: WHBC AM/FM</i>)
WHBCFM	Single broadcast station (<i>Example: WHBC-FM</i>)
WLWAM	Single broadcast station (<i>Example: WLW-AM</i>)
NWS/KCLE	NWS, NOAA weather radio
STARCOEM	County Emergency Management (<i>Example: Stark County</i>)
STARCOSO	County Sheriff (<i>Example: Stark County</i>)
OHIOSTEM	State Emergency Operations Center/Emergency Management Agency
CLEVOH11	Cable System (<i>Example: AT&T, Cleveland – Location #11</i>)

Other suggested identification codes should be submitted to the SECC for approval and inclusion in the State and Local Operational area EAS Plans. Identification codes for county originators can be found in the Local Operational Area EAS Plans.

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 Ohio statewide 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 encoder/decoder.
 4. **End of Message Code** – 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 Message Protocol described above is taken from the FCC Rules, Part 11, and shall be used exclusively by the Ohio EAS System. Each participating station and subject cable system and Notifier in the state should program their EAS decoder to facilitate the proper functioning of the system as described in this State Plan and the 12 Local Operational Area EAS Plans.
- C. **Ohio EAS Event Codes:** Whether used under the authority of the Ohio State EAS Plan, or any of the 12 Local Operational Area EAS Plans, the following are the only EAS 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.

Warning Codes – These are codes critical to the rapid dissemination of emergency information. This entire list must be programmed into your EAS encoder/decoder.

Emergency Action Notification	EAN
Emergency Action Termination	EAT
Required Monthly Test	RMT
Required Weekly Test	RWT
Child Abduction Emergency	CAE
Civil Danger Warning	CDW
Civil Emergency Message	CEM
Earthquake Warning	EQW
Evacuation Immediate	EVI
Fire Warning	FRW
Flash Flood Warning	FFW
Hazardous Materials Warning	HMW
Law Enforcement Warning	LEW
National Information Center	NIC
National Periodic Test	NPT
9-1-1 Telephone Outage Emergency	TOE
Nuclear Power Plant Warning	NUW
Radiological Hazard Warning	RHW
Shelter In Place Warning	SPW
Tornado Warning	TOR

Optional Codes – These codes are authorized for use by station on an as needed or optional basis. The programming of these codes into station EAS equipment is at the discretion of each EAS station.

Administrative Message	ADR
Blizzard Warning	BZW
Blue Alert	BLU
Extreme Wind Warning	EWV
Flash Flood Watch	FFA
Flash Flood Statement	FFS
Flood Warning	FLW
Flood Watch	FLA
Flood Statement	FLS
High Wind Warning	HWW
High Wind Watch	HWA
Network Message Notification	NMN
Practice/Demo Warning	DMO
Severe Thunderstorm Warning	SVR
Severe Thunderstorm Watch	SVA
Severe Weather Statement	SVS
Special Marine Warning	SNW
Special Weather Statement	SPS
Tornado Watch	TOA
Winter Storm Warning	WSW
Winter Storm Watch	WSA

VII. MONITORING ASSIGNMENTS

- A. As indicated in Section V, WNCI is the State Primary station and will be the originator for State of Ohio EAS messages. WBNS-FM, the Alternate State Primary station, will serve as the alternate originator for the State of Ohio EAS and will monitor WNCI. Local Primary stations will monitor other LP stations as shown on the LP Monitoring Assignments and Map (Attachment I).
- B. All participating (PN) State of Ohio broadcast stations and subject cable systems shall monitor the LP-1 and LP-2 stations serving their local operational area, unless specified otherwise in the Local Operational Area EAS Plan. LP-3 stations have been designated in some operational areas to ensure signal coverage throughout the operational area. Broadcast stations and cable systems in operational areas where an LP-3 has been designated are expected to monitor the LP-3 if reception of the LP-1 or LP-2 is unreliable.
- C. In addition to their assigned LP stations, all stations and cable systems participating in the Ohio EAS are encouraged to monitor the appropriate NOAA weather radio station serving their area. This is particularly important for LP stations. A complete list of NOAA weather stations and the counties for which they provide weather warnings is provided in Attachment II.
- D. Details on specific monitoring assignments for Ohio EAS participating stations and cable systems are outlined in the 12 Local Operational Area Plans. If monitoring difficulties are experienced, the operational area chair should be consulted in resolving the problem. The operational area chairs will coordinate any waiver necessary with the SECC chair and the FCC.

VIII. RESPONSIBILITIES OF LOCAL PRIMARY STATIONS

- A. Local Primary (LP) stations serving the Ohio EAS System are chosen on the basis of signal coverage and their ability and willingness to serve in this important key capacity. LP stations are required to operate 24 hours per day and preferably be attended operations.
- B. In accepting this Plan, all LP stations agree to transmit any EAS messages requested by official EAS Notifiers identified in this and their Local Operational Area EAS Plan. To do this, LP stations must install telephone coupler equipment for use in providing Notifier access. Additionally, LP stations, as they deem necessary, agree to re-transmit any received message carrying any of the warning event codes specified in Section VI C, which are originated in their or any adjoining local operational areas. 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. LP station engineers or other responsible personnel should consult their local operational area chair, adjoining area chairs and the state chair in coordinating this important function.
- C. LP 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 any station or cable system in their local operational area. All other participating stations must program their EAS encoders to accept emergency messages carrying location codes for all counties, which are covered, in whole or in part, by their secondary coverage contour.

IX. CAP-BASED EAS ACCESS

Ohio has two delivery systems in place to distribute alerts digitally.

- A. The State of Ohio Emergency Operations Center/Joint Dispatch Facility (EOC/JDF), which houses the Ohio EMA, the State Emergency Operations Center (EOC), and a State Highway Patrol Dispatch Center, is fully certified and capable of originating approved EAS event codes via IPAWS, which are distributed to participating Ohio stations using FCC-approved EAS decoders via the federal IPAWS Common Alerting Protocol (CAP) server. The Ohio EAS Plan requires conducting a minimum of four statewide RMT event code tests annually via IPAWS.
- B. The State of Ohio EOC/JDF also has an IPAWS aggregator linked via secured fiber to a series of public television stations across the state. The Ohio Digital Emergency Alert System (OEAS) provides a redundant CAP-based network to transport EAS alerts within Ohio public television station ATSC signals. All LP, SP, and NP stations across the state have ATSC receivers connected to CAP decoders that monitor these public television stations and forward received alerts to their respective operational areas via over-the-air transmission. The Ohio EAS Plan requires conducting a minimum of four statewide RMT event code tests annually via the OEAS CAP network.

X. NOTIFICATION PROCEDURES

- A. **Notifiers:** The agencies named below shall serve as Notifiers for the State of Ohio EAS. Other agencies may request activation of the State of Ohio EAS, but they must do so through one of the Notifiers listed below:
 - 1. Governor of the State of Ohio
 - 2. Ohio Emergency Management Agency
 - 3. Ohio State Highway Patrol
 - 4. National Weather Service (weather alerts only)

5. County Emergency Management Agency Directors (local operational area only)
6. County Sheriffs (local operational area only)

- B. Request for Activation of a Statewide Alert:** Notification of a statewide alert can be accomplished by sending the pre-formatted alert from the EOC/JDF using an EAS encoder to the State Primary or Alternate State Primary station. The EOC/JDF houses the offices of the Ohio EMA and the Ohio State Highway Patrol Dispatch Center. This facility serves as the EAS notification point and is connected to the State Primary station by a private radio link.
- C. Requests for Activation of a Local Operational Area Alert:** Requests for activation of an alert within a local operational area can be made by sending the preformatted alert from an authorized Notifier using an EAS encoder to the Local Primary 1 or Local Primary 2 station for the operational area.

Notifiers with IPAWS capability may send alerts for their county via IPAWS, and regional IPAWS alert origination may be coordinated through the Ohio EMA. Local activation will be accomplished in accordance with the procedures outlined in the 12 Local Operational Area EAS Plans. Ohio EAS messages will be formatted to begin with the following statement: "WE INTERRUPT THIS PROGRAM TO ACTIVATE THE EMERGENCY ALERT SYSTEM (text of emergency message)." Message will end with the following statement: "THIS CONCLUDES THIS EMERGENCY ALERT SYSTEM MESSAGE."

- D. Weather Alerts:** The National Weather Service (NWS) will serve as the sole Notifier for all weather alerts and subsequent weather information. The primary means of NWS activation of the Ohio EAS will be over NWS-Specific Area Message Encoder (SAME) through station monitoring of the NOAA weather radio system.

XI. BROADCASTER AND CABLE OPERATOR PROCEDURES

- A. Upon receipt of a pre-formatted EAS alert from an authorized Notifier, the SP or alternate SP station shall re-transmit that alert immediately. The exception is Practice/Demo Warnings (DMOs) which should not be re-transmitted.
- B. All broadcast stations and cable systems in the State of Ohio monitoring the relevant 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 broadcast the information contained in the message within 15 minutes of receipt. (See requirements in Section XII.)
- C. All messages must be based on definite and confirmed facts. This can best be assured by using the Notifier's original audio message as transmitted through the EAS decoder/encoder equipment. Discussion of unconfirmed facts can lead to public confusion and heightened anxiety.
- D. Upon completion of the EAS transmission, appropriate notations must be entered into the station log.

XII. LEGAL MATTERS

- A. As a reminder to broadcasters and cable operators, 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, and the State and Local Operational Area EAS Plans. (See FCC Rules, Part 11, Secs. 11.21, 11.41 and 11.55.)

- C. All participating stations and cable systems 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 and cable systems 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 EAS activation, stations with certain power, pattern and operating hours limitations may forego those limitations subject to FCC Rules and Regulations.
- E. In accordance with the guidance provided in a Public Notice issued by the FCC, *Public Safety and Homeland Security Bureau Informs State Emergency Communications Committees How to Prepare and File Summaries of Multilingual EAS Activity Received from EAS Participants*, Public Notice, DA 18-358, EB Docket 04-296 (Apr. 11, 2018) ("FCC 2018 PN"), the SECC compiled information submitted by EAS broadcast and cable participants regarding their current and future actions to provide emergency alert content to the non-English speaking public in languages other than English "to ensure that the Commission has sufficient and accurate information on any existing and planned activities by EAS Participants to provide EAS alert content in languages other than English to their non-English speaking audiences."

Pursuant to Section 11.21(e), the SECC submitted the following information to the FCC on May 4, 2018:

- The SECC received responses from nearly Ohio 550 EAS participants.
- Less than 1% of EAS participant respondents are currently providing EAS alerts in a language other than English. In all cases, that language was Spanish.
- Less than 1% of EAS participant respondents indicated that they are planning, in the future, to provide EAS alerts in a language other than English.
- More than 99% of EAS participant respondents neither currently provide nor plan to provide in the near future EAS alerts in a language other than English.

The SECC also received feedback from EAS participants that any effort to establish expectations for multi-lingual alerting must address criteria and guidelines for the generation and transmission of non-English alerts.

XIII. STEPS BROADCASTERS AND CABLE OPERATORS MUST TAKE TO PARTICIPATE IN THE OHIO EMERGENCY ALERT SYSTEM

- A. The Ohio State Emergency Communications Committee (SECC) has set the following requirements for participation in the Ohio EAS Plan. The success of the Ohio EAS will depend totally on operating staff readiness, equipment configuration and adherence to these steps.
- B. All stations and cable systems must have an EAS encoder/decoder installed with audio inputs from the LP-1 and LP-2 stations serving their Local Operational Area. In addition, input from a NWS weather radio source is strongly encouraged.

- C. The following encoder/decoder programming must be accomplished in order to participate in the Plan:

For Radio and TV Stations – Decoders must be programmed to accept alerts using all the warning event codes given in Section VI C, at a minimum. Decoders must also be programmed to accept alerts containing all county location codes within their secondary coverage contour. The EAS station specification sheets found in the Local Operational Area EAS Plan should be used as a guide. TV stations must transmit all received alerts in accordance with FCC Rules 11.51 (d).

For Cable System Head Ends – Decoders must be programmed to accept alerts for all warning event codes given in Section VI, C. Decoders must be programmed to accept alerts containing county location codes for all counties covered, in whole or in part, by the system. Cable systems must transmit all received alerts in accordance with FCC Rules in Par. 11.51 (g) and 11.51 (h).

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 this Plan. Unless a facility is attended 24 hours by operators trained in EAS operation, encoder/decoder equipment should be configured to automatically rebroadcast properly addressed EAS messages.

NOTE: The SECC recognizes the problems encountered in large cable systems, where selective delivery to specific areas may not be possible, resulting in alerts being received by subscribers, who may not be affected by the alert. However, the SECC expects that all alerts be sent. The information contained in the alert itself is sufficient to allow subscribers to determine if the alert applies to them.

- D. Each station and cable system is unique in the role that it plays in the EAS system. Operating personnel are expected to consult their Local Operational Area EAS Plan and confer with the chairperson of the local operational area on the specific details and requirements for fulfilling their EAS requirements.
- E. Stations and cable systems should, based on this Plan and their Local Operational Area EAS Plan, develop their own standard operating procedures. Station personnel should post those procedures at the EAS equipment for quick reference. A copy of this Plan alone is not adequate for operating personnel to use as a guide at the time of activation, nor can operating personnel be expected to remember what to do after studying this Plan. This Plan must be applied to each facility. 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 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 capabilities. This should include at a minimum the ability to monitor two over-the-air broadcast stations plus a NOAA weather radio station. LP station equipment should also allow for the telephone interface of Notifiers' encoders or the interface of existing remote pickup unit equipment, if appropriate. LP stations should pay particular attention to their multiple monitoring responsibilities when selecting EAS equipment.

XIV. TEST PROCEDURES

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

- B. Monthly tests of the EAS system, known as Required Monthly Tests (RMTs), will be conducted on a statewide basis in accordance with FCC rules and regulations. The Ohio Emergency Operations Center will originate all RMTs on the following schedule:

<i>Month</i>	<i>Day</i>	<i>Time Frame</i>	<i>Time</i>	<i>Relay Station</i>
January	2 nd Wed.	Daytime / 8:30A.M. to Local Sunset	9:50 a.m.	SP/LP-1
February	2 nd Wed.	Nighttime / Local Sunset to 8:30A.M.	3:50 a.m.	SP/LP-2
March	1 st Wed. *	Daytime /Severe Wx Awareness	9:50 a.m.	SP/LP-1
April	2 nd Wed.	Nighttime / Local Sunset to 8:30A.M.	3:50 a.m.	SP/LP-1
May	2 nd Wed.	Daytime / 8:30 AM to Local Sunset	9:50 a.m.	SP/LP-2
June	2 nd Wed.	Nighttime / Local Sunset to 8:30A.M.	3:50 a.m.	SP/LP-2
July	2 nd Wed.	Daytime / 8:30 AM to Local Sunset	9:50 a.m.	SP/LP-1
August	2 nd Wed.	Nighttime / Local Sunset to 8:30A.M.	3:50 a.m.	SP/LP-1
September	2 nd Wed.	Daytime / 8:30 AM to Local Sunset	9:50 a.m.	SP/LP-2
October	2 nd Wed.	Nighttime / Local Sunset to 8:30A.M.	3:50 a.m.	SP/LP-1
November	2 nd Wed.	Daytime / 8:30 AM to Local Sunset	9:50 a.m.	SP/LP-1
December	2 nd Wed.	Nighttime / Local Sunset to 8:30A.M.	3:50 a.m.	SP/LP-2

* The March test will be conducted on the first Wednesday of the month at 9:50 a.m., or in conjunction with the Ohio’s “Severe Weather Awareness Week” activities.

The SP station will forward the RMT to LP stations to relay to monitoring stations and cable systems within their operational areas. All RMTs must be re-transmitted within 60 minutes of receipt by participating EAS stations and cable systems.

A minimum of four RMTs will be conducted annually via IPAWS, and a minimum of four RMTs will be conducted annually across the OEAS CAP aggregator and the public television network.

- C. The following script will be used for statewide RMTs:

“THIS IS A STATEWIDE TEST OF THE OHIO EMERGENCY ALERT SYSTEM, ORIGINATING FROM THE STATE EMERGENCY OPERATIONS CENTER IN COLUMBUS. 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 STATEWIDE TEST OF THE OHIO EMERGENCY ALERT SYSTEM.”

XV. STATE AND LOCAL EMERGENCY COMMUNICATIONS COMMITTEES

- A. The SECC is comprised of the SECC Chair, Vice Chair, the Cable Co-Chair, LECC Chairs and Vice Chairs, and other voluntary members appointed by the SECC Chair.
- B. The Local Emergency Communications Committee (LECC) Chairs and Vice Chairs are appointed by the SECC Chair. The LECCs are also subcommittees of the SECC and all LECC Chairs and Vice Chairs are members of the SECC.

C. Your SECC and LECC Chairs and Vice Chairs welcome your questions and comments concerning this Plan. A complete listing of the SECC members, including LECC Chairs and Vice Chairs, is found in Attachment IV.

XVI. ACRONYMS

The following acronyms have been referenced in this Plan:

CAP	Common Alerting Protocol
EAS	Emergency Alert System
EMA	Emergency Management Agency
EOC	Emergency Operations Center
EOC/JDF	Emergency Operations Center/Joint Dispatch Facility
FCC	Federal Communications Commission
IPAWS	Integrated Public Alert and Warning System
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
NP	National Primary Station
NWS	National Weather Service
OEAS	Ohio (Digital) Emergency Alert System
RMT	Required Monthly Test
RPU	Remote Pickup Unit
RWT	Required Weekly Test
SAME	Specific Area Message Encoding
SECC	State Emergency Communications Committee
SP-1	State Primary Station
SP-2	State Primary, alternate

ATTACHMENT II

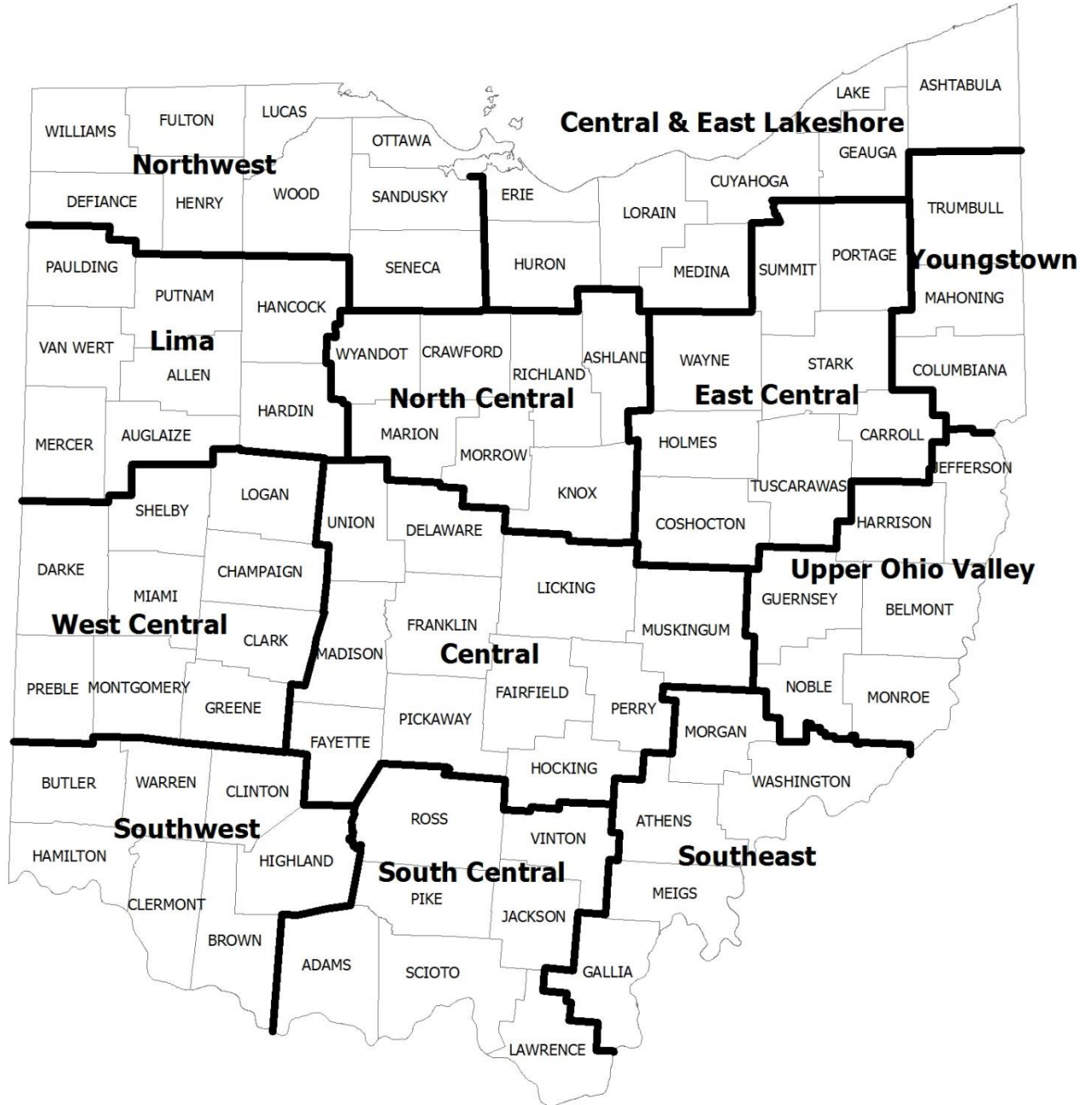
NOAA WEATHER STATIONS SERVING OHIO COUNTIES

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

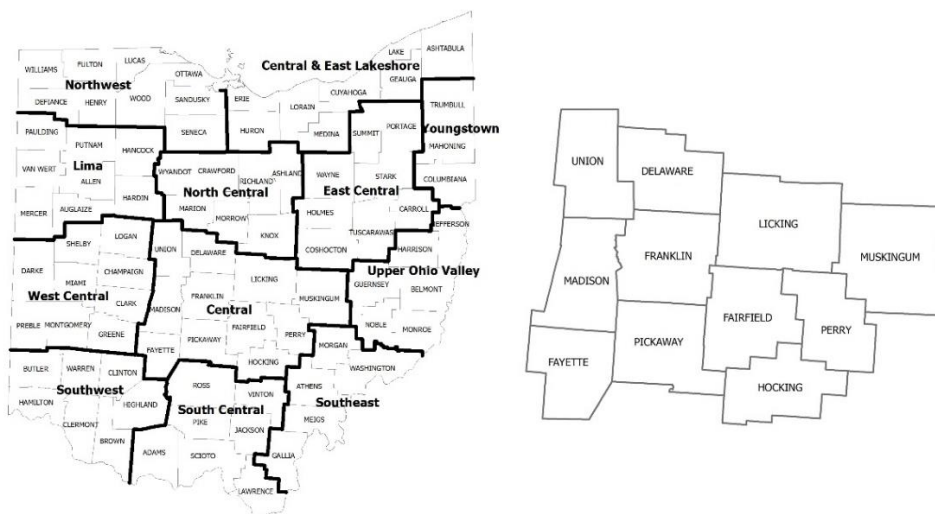
<u>City</u>	<u>Call Sign</u>	<u>Radar Site</u>	<u>Frequency</u>	<u>Counties</u>
Akron	KDO-94		162.40	Ashland, Carroll, Columbiana, Harrison, Holmes, Jefferson, Mahoning, Medina, Portage, Summit, Trumbull, Tuscarawas, Wayne, Stark
Angola, IN	KXI-94	IWX	162.425	Defiance, Fulton, Williams
Ashland, KY	KIH-39	RLX	162.55	Lawrence, Scioto, Gallia
Athens	KZZ-46	RLX	162.425	Athens, Gallia, Hocking, Jackson, Meigs, Morgan, Perry, Vinton, Washington
Bellevue	KHB-97	CLE	162.40	Ashland, Crawford, Erie, Hancock, Huron, Lorain, Ottawa, Richland, Sandusky, Seneca, Wood, Wyandot
Bridgeport	WWF-35	PBZ	162.525	Belmont, Carroll, Columbiana, Coshocton, Guernsey, Harrison, Jefferson, Monroe, Morgan, Muskingum, Noble, Perry, Tuscarawas, Washington
Cambridge (High Hill)	WXJ-47	PBZ	162.475	Belmont, Carroll, Coshocton, Guernsey, Harrison, Jefferson, Licking, Monroe, Morgan, Muskingum, Noble, Perry, Tuscarawas, Washington
Carey	KZZ-47	CLE	162.525	Crawford, Hancock, Hardin, Marion, Seneca, Wyandot
Chesterland	KHB-97	CLE	162.55	Ashtabula, Cuyahoga, Erie, Geauga, Huron, Lake, Lorain, Medina, Portage, Summit
Columbus	KIG-86	ILN	162.55	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	Butler, Warren, Clermont, Brown, Clinton, Hamilton, Highland
Erie, PA	KEC-58	CLE	162.40	Ashtabula
Ft. Wayne, IN	WXJ-58	IWX	162.55	Defiance, Paulding, Van Wert
Grafton	WGN-698		162.500	Lorain, Medina, Huron, Erie, Cuyahoga
Holland	WXL-51	CLE	162.55	Fulton, Hancock, Henry, Lucas, Ottawa, Sandusky, Seneca, Wood. Warnings for Defiance and Williams Counties will be aired for the purpose of relay to the EAS.
Lima	WXJ-93	ILN	162.40	Allen, Auglaize, Hancock, Hardin, Logan, Mercer, Paulding, Putnam, Shelby, Van Wert, Wyandot
Mansfield	WWG-57	CLE	162.450	Ashland, Crawford, Holmes, Knox, Licking, Marion, Morrow, Richland, Wayne, Wyandot
Marietta	ENG-734		162.400	Washington, Morgan, Noble, Monroe, Athens, Meigs
Maysville, KY	KZZ-49	ILN	162.425	Adams, Brown
Miamisburg	WXJ-46	ILN	162.475	Butler, Champaign, Clark, Clinton, Darke, Greene, Logan, Miami, Montgomery, Preble, Shelby, Warren
New Philadelphia	WNG-735		162.425	Tuscarawas, Carroll, Harrison, Guernsey, Coshocton, Holmes, Stark
Otway	WXM-69	ILN	162.525	Adams, Brown, Highland, Pike, Ross, Scioto, Vinton
Pittsburgh, PA	KEH-35	PBZ	162.55	Columbiana
Richmond, IN	KHB-52		162.50	Butler, Darke, Montgomery, Preble
Youngstown	WWG-56	CLE	162.500	Carroll, Columbiana, Lawrence, Mahoning, Portage, Stark, Trumbull

ATTACHMENT III

OHIO EAS OPERATIONAL AREAS AND PARTICIPATING STATIONS AND CABLE SYSTEMS



Central Operational Area



LP Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WNCI	Columbus	97.9	State Primary 1 / Local Primary 1
WBNS-FM	Columbus	97.1	State Primary 2 / Local Primary 2
WHIZ-FM	Zanesville	92.7	Local Primary 3

AM Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WTVN	Columbus	610	Participating
WHTH	Heath	790	Participating
WVSG	Columbus	820	Participating
WRFD	Columbus	880	Participating
WMNI	Columbus	920	Participating
WYTS	Columbus	1230	Participating
WHIZ	Zanesville	1240	Participating
WCHO	Washington Court House	1250	Participating
WQTT	Marysville	1270	Participating
WLOH	Lancaster	1320	Participating
WCLT	Newark	1430	Participating
WBNS	Columbus	1460	Participating
WLGN	Logan	1510	Participating
WDLR	Delaware	1550	Participating
WVKO	Columbus	1580	Participating

FM Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WWGV	Grove City	88.1	Participating
WLRY	Rushville	88.5	Participating
WUFM	Columbus	88.7	Participating
WJJE	Delaware	89.1	Participating
WOSU-FM	Columbus	89.7	Participating
WOUZ	Zanesville	90.1	Participating
WCBE	Columbus	90.5	Participating

Central Operational Area (continued)

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WMCO	New Concord	90.7	Participating
WFCO	Lancaster	90.9	Participating
WOSB	Marion	91.1	Participating
WDUB	Granville	91.1	Participating
WHKC	Columbus	91.5	Participating
WJIC	Zanesville	91.7	Participating
WCOL-FM	Columbus	92.3	Participating
WHIZ-FM	Zanesville	92.7	Local Primary - 3
WODC	Ashville	93.3	Participating
WSNY	Columbus	94.7	Participating
W236CZ	Columbus	95.1	Participating
WXMG	Lancaster	95.5	Participating
W240CX	Columbus	95.9	Participating
WBNS-FM	Columbus	97.1	State Primary - 2/Local Primary - 2
WOBN	Westerville	97.5	Participating
WNCI	Columbus	97.9	State Primary - 1/Local Primary - 1
W252AY	Marble Cliff	98.3	Participating
WLGN	Logan	98.3	Participating
WJHE	Heath	98.7	Participating
WTOH	Upper Arlington	98.9	Participating
W257CU	Columbus	99.3	Participating
WRKZ	Columbus	99.7	Participating
WCLT	Newark	100.3	Participating
WOSA	Grove City	101.1	Participating
WNKO	Newark	101.7	Participating
WINF	Delaware	101.9	Participating
WCRX-LP	Bexley	102.1	Participating
WWCD	Baltimore	102.5	Participating
WVKO-FM	Johnstown	103.1	Participating
WNND	Lancaster	103.5	Participating
WNNP	Richwood	104.3	Participating
W283BO	Lancaster	104.5	Participating
W283CL	Columbus	104.5	Participating
WCVO	Gahanna	104.9	Participating
W287CP	Columbus	105.3	Participating
WCHO	Washington Court House	105.5	Participating
WXZX	Hilliard	105.7	Participating
WWJM	New Lexington	105.9	Participating
WBMO	London	106.3	Participating
WZCB	Dublin	106.7	Participating
WJYD	Circleville	107.1	Participating
WYBZ	Crooksville	107.3	Participating
WCKX	Columbus	107.5	Participating
WVMX	Delaware	107.9	Participating

TV Stations

<u>Station</u>	<u>City of License</u>	<u>Channel – Virtual (Actual)</u>	<u>EAS Designation</u>
WCMH-TV	Columbus	4 (14)	Participating
WSYX	Columbus	6 (13)	Participating
WINJ	Columbus	8	Participating

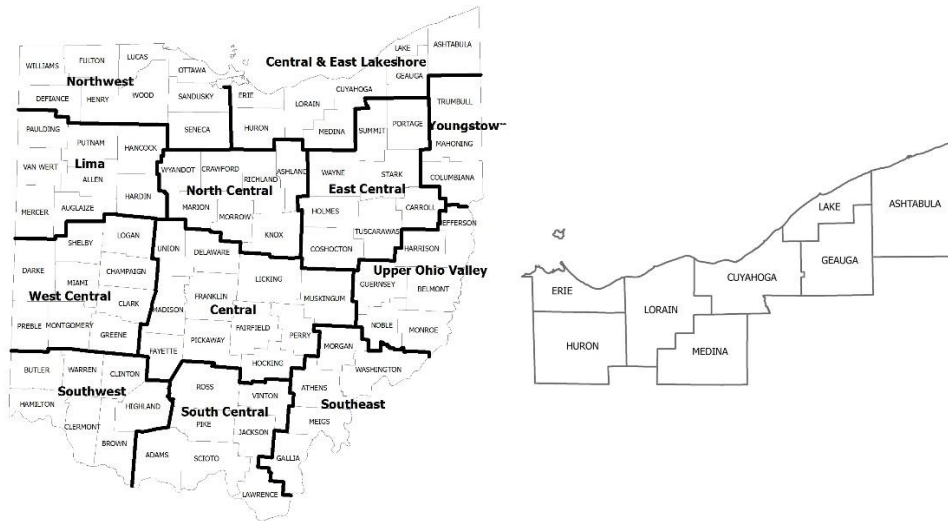
Central Operational Area (continued)

<u>Station</u>	<u>City of License</u>	<u>Channel – Virtual (Actual)</u>	<u>EAS Designation</u>
WBNS-TV	Columbus	10 (21)	Participating
WDEM	Columbus	17	Participating
WHIZ-TV	Zanesville	18 (40)	Participating
WCLL	Columbus	19	Participating
WTTE	Columbus	28 (36)	Participating
WOSU-TV	Columbus	34 (38)	Participating
WCPX	Columbus	48	Participating
WSFJ	Newark	51 (24)	Participating
WXCB	Delaware	56	Participating

Cable Systems

<u>System</u>	<u>EAS Designation</u>
AT&T	Participating
Horizon aka Chillicothe Telephone Company	Participating
Nelsonville Cable TV	Participating
TWC dba Spectrum	Participating
WideOpenWest	Participating
Zito Media	Participating

Central & East Lakeshore Operational Area



LP Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WTAM	Cleveland	1100	National Primary / Local Primary 1
WCPN	Cleveland	90.3	Local Primary 2
WKSV	Thompson	89.1	Local Primary 3

AM Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WKNR	Cleveland	850	Participating
WEOL	Elyria	930	Participating
WFUN	Ashtabula	970	Participating
WCCD	Parma	1000	Participating
WJTB	North Ridgeville	1040	Participating
WTAM	Cleveland	1100	National Primary/Local Primary - 1
WHKW	Cleveland	1220	Participating
WCCR	Cleveland	1260	Participating
WJMO	Cleveland	1300	Participating
WOBL	Oberlin	1320	Participating
WINT	Willoughby	1330	Participating
WWOW	Conneaut	1360	Participating
WDLW	Lorain	1380	Participating
WHK	Cleveland	1420	Participating
WLEC	Sandusky	1450	Participating
WABQ	Painesville	1460	Participating
WERE	Cleveland Heights	1490	Participating
WLKR	Norwalk	1510	Participating
WWGK	Cleveland	1540	Participating

FM Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WLFM	Cleveland	87.7	Participating
WBWC	Berea	88.3	Participating
WJCU	University Heights	88.7	Participating
WKSV	Thompson	89.1	Local Primary - 3

Central & East Lakeshore Operational Area (continued)

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WCSB	Cleveland	89.3	Participating
WVMS	Sandusky	89.5	Participating
WCPN	Cleveland	90.3	Local Primary - 2
WCVJ	Jefferson	90.9	Participating
WRUW	Cleveland	91.1	Participating
WOBC	Oberlin	91.5	Participating
WKRK	Cleveland Heights	92.3	Participating
WZAK	Cleveland	93.1	Participating
WLKR	Norwalk	95.3	Participating
WFHM	Cleveland	95.5	Participating
WKFM	Huron	96.1	Participating
WLRD	Willard	96.9	Participating
WREO	Ashtabula	97.1	Participating
WGGN	Castalia	97.7	Participating
WNCX	Cleveland	98.5	Participating
W256BT	Cleveland	99.1	Participating
WGAR	Cleveland	99.5	Participating
WMMS	Cleveland	100.7	Participating
WDOK	Cleveland	102.1	Participating
WZOO	Edgewood	102.5	Participating
WCPZ	Sandusky	102.7	Participating
WCRF	Cleveland	103.3	Participating
WQAL	Cleveland	104.1	Participating
WKKY	Geneva	104.7	Participating
WCLV	Lorain	104.9	Participating
WGOJ	Conneaut	105.5	Participating
WMJI	Cleveland	105.7	Participating
WHLK	Cleveland	106.5	Participating
WNWV	Elyria	107.3	Participating
WFXJ	North Kingsville	107.5	Participating
WENZ	Cleveland	107.9	Participating

TV Stations

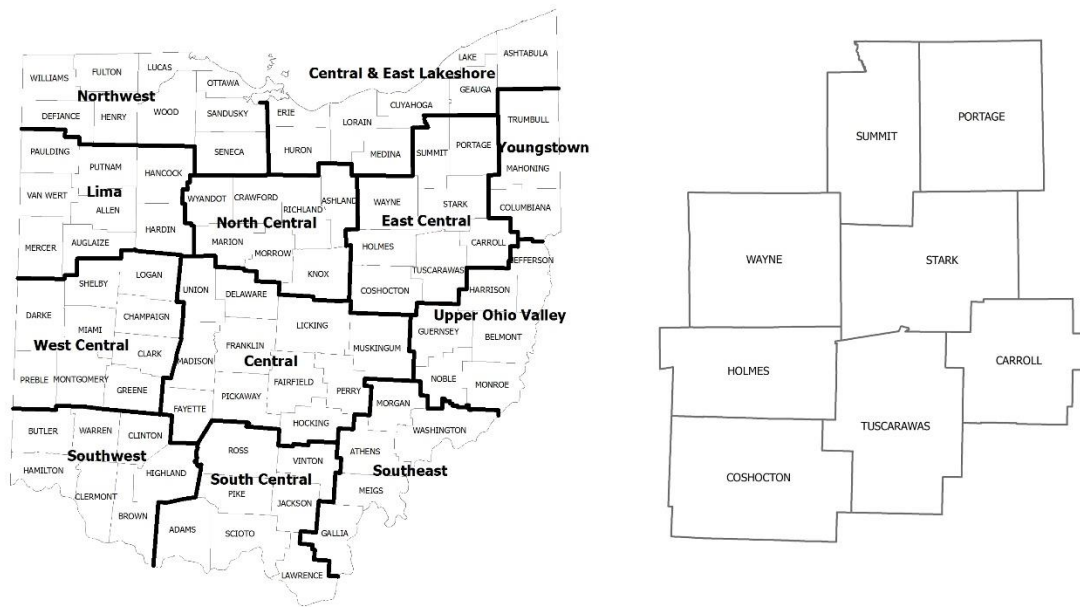
<u>Station</u>	<u>City of License</u>	<u>Channel – Virtual (Actual)</u>	<u>EAS Designation</u>
WKYC	Cleveland	3 (17)	Participating
WEWS	Cleveland	5 (15)	Participating
WJW	Cleveland	8 (31)	Participating
W16DO-D	Cleveland	16	Participating
WOIO	Shaker Heights	19 (10)	Participating
WVIZ	Cleveland	25 (26)	Participating
WUAB	Lorain	43 (28)	Participating
WGGN	Sandusky	52 (42)	Participating
WQHS	Cleveland	61 (34)	Participating

Central & East Lakeshore Operational Area (*continued*)

Cable Systems

<u>System</u>	<u>EAS Designation</u>
Armstrong Cable Services	Participating
AT&T	Participating
Cable Co-Op	Participating
Cox Communications	Participating
East Cleveland Cable	Participating
Erie County Cablevision, Inc. aka Buckeye Cable	Participating
GLW Broadband aka Wellington Cable Communications & Grafton Cable Communications, Inc.	Participating
Orwell Communications	Participating
Southshore Cable (in Penfield Township only)	Participating
Suddenlink	Participating
TWC dba Spectrum	Participating
WideOpenWest	Participating
Zito Media	Participating

East Central Operational Area



LP Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WHBC-FM	Canton	94.1	Local Primary 1
WQMX	Medina	94.9	Local Primary 2

AM Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WHLO	Akron	640	Participating
WKVX	Wooster	960	Participating
WTIG	Massillon	990	Participating
WILB	Canton	1060	Participating
WCUE	Cuyahoga Falls	1150	Participating
WDPN	Alliance	1310	Participating
WARF	Akron	1350	Participating
WJER	Dover-New Philadelphia	1450	Participating
WHBC	Canton	1480	Participating
WINW	Canton	1520	Participating
WBTC	Uhrichsville	1540	Participating
WTNS	Coshocton	1560	Participating
WAKR	Akron	1590	Participating

FM Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WZIP	Akron	88.1	Participating
WOFN	Beach City	88.7	Participating
WSTB	Streetsboro	88.9	Participating
WKRW	Wooster	89.3	Participating
WHVY	Coshocton	89.5	Participating
WKSU	Kent	89.7	Participating
WJEE	Bolivar	90.1	Participating

East Central Operational Area *(continued)*

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WVML	Millersburg	90.5	Participating
WCWS	Wooster	90.9	Participating
WJDD	Carrollton	90.9	Participating
WRMU	Alliance	91.1	Participating
WOSE	Coshocton	91.1	Participating
WAPS	Akron	91.3	Participating
WKRJ	New Philadelphia	91.5	Participating
WDJQ	Alliance	92.5	Participating
WHBC-FM	Canton	94.1	Local Primary - 1
WQMX	Medina	94.9	Local Primary - 2
WKLM	Millersburg	95.3	Participating
WZLP	Loudonville	95.7	Participating
WNPQ	New Philadelphia	95.9	Participating
WCFI-LP	Cuyahoga Falls	96.1	Participating
WAKS	Akron	96.5	Participating
WONE	Akron	97.5	Participating
WKDD	Munroe Falls	98.1	Participating
WTNS	Coshocton	99.3	Participating
WTUZ	Uhrichsville	99.9	Participating
WNIR	Kent	100.1	Participating
WHOF	North Canton	101.7	Participating
WQKT	Wooster	104.5	Participating
WNHS-LP	Newcomerstown	105.7	Participating
WRQK	Canton	106.9	Participating

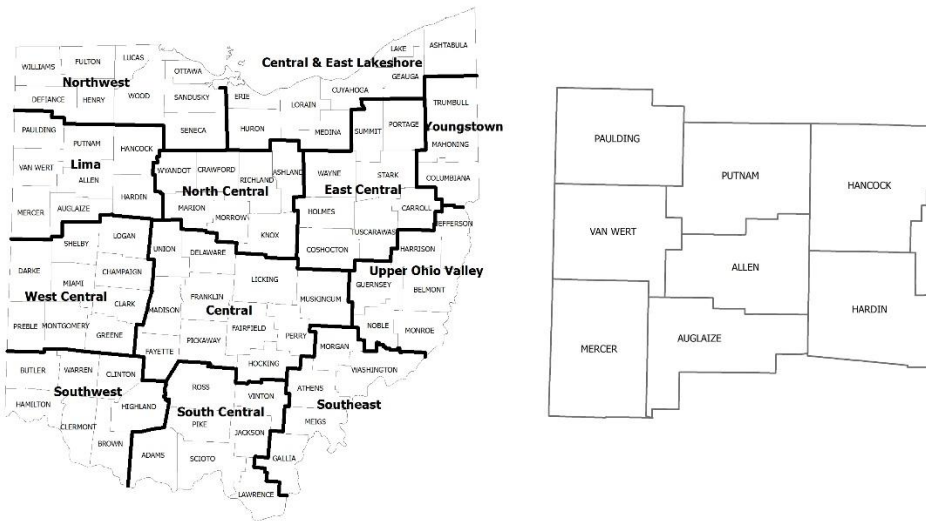
TV Stations

<u>Station</u>	<u>City of License</u>	<u>Channel – Virtual (Actual)</u>	<u>EAS Designation</u>
WAKN	Akron	11	Participating
WDLI	Canton	17 (39)	Participating
WIVD	Newcomerstown	22	Participating
WVPX	Akron	23 (59)	Participating
WAOH	Akron	29	Participating
WIVN	Newcomerstown	29	Participating
WIVM	Canton	38	Participating
WNEO	Alliance	45 (46)	Participating
WEAO	Akron	49 (50)	Participating
WIVX	Loudonville	51	Participating
WBNX	Akron	55 (30)	Participating
WRLM	Canton	67 (47)	Participating

Cable Systems

<u>System</u>	<u>EAS Designation</u>
Armstrong Cable	Participating
AT&T	Participating
Clear Picture, Inc.	Participating
Crystal Broadband Network, Inc.	Participating
Doylestown Cable	Participating
Massillon Cable TV	Participating
Suddenlink	Participating
TWC dba Spectrum	Participating

Lima Operational Area



LP Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WIMT	Lima	102.1	Local Primary 1
WKXA	Findlay	100.5	Local Primary 2

AM Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WCIT	Lima	940	Participating
WIMA	Lima	1150	Participating
WERT	Van Wert	1220	Participating
WFIN	Findlay	1330	Participating
WCSCM	Celina	1350	Participating

FM Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WBCJ	Spencerville	88.1	Participating
WLFC	Findlay	88.3	Participating
WYSM	Lima	89.3	Participating
WTKC	Findlay	89.7	Participating
WJTA	Glandorf	89.9	Participating
WGLE	Lima	90.7	Participating
WBIE	Delphos	91.5	Non-participating
WFGF	Wapakoneta	92.1	Participating
WWSR	Lima	93.1	Participating
WBKS	Columbus Grove	93.9	Participating
WKKI	Celina	94.3	Participating
WONB	Ada	94.9	Participating
WKTN	Kenton	95.3	Participating
WBWH	Bluffton	96.1	Participating
WCSCM	Celina	96.7	Participating
WTGN	Lima	97.7	Participating
WBYR	Van Wert	98.9	Participating
WVLO	Cridersville	99.3	Participating

Lima Operational Area (*continued*)

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WKSD	Paulding	99.7	Participating
WKXA	Findlay	100.5	Local Primary - 2
WTTP-LP	Lima	101.1	Participating
WIMT	Lima	102.1	Local Primary - 1
WMLX	St. Marys	103.3	Participating
WNHC-LP	Lima	104.1	Participating
WEGE	Lima	104.9	Participating
WCBV	Lima	105.9	Participating
WBUK	Ottawa	106.3	Participating
WDOH	Delphos	107.1	Participating
WZRZ	Fort Shawnee	107.5	Participating

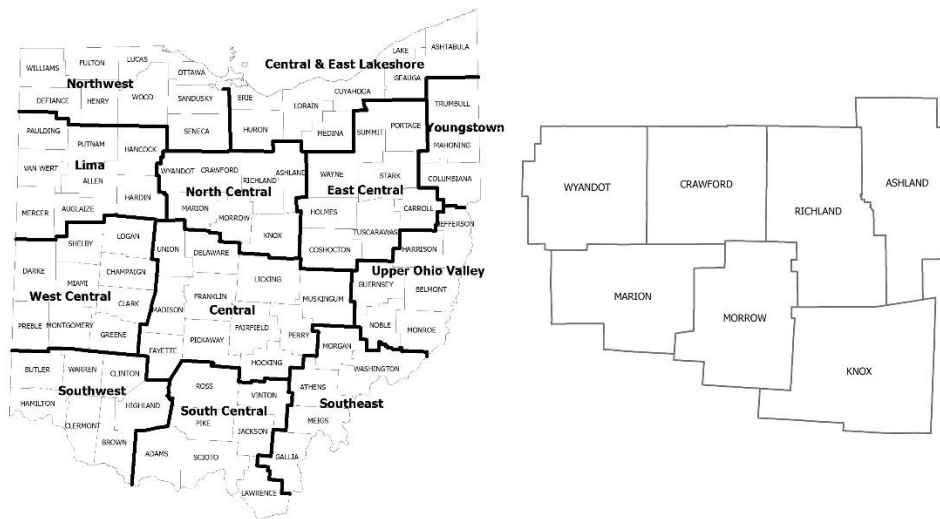
TV Stations

<u>Station</u>	<u>City of License</u>	<u>Channel – Virtual (Actual)</u>	<u>EAS Designation</u>
WLIO	Lima	8	Participating
WFND-LD	Findlay	22	Participating
WLQP-LP	Lima	25	Participating
WOHL-CD	Lima	35	Participating
WLMO-LP	Lima	38	Participating
WTLW	Lima	44	Participating

Cable Systems

<u>System</u>	<u>EAS Designation</u>
Arthur Telephone Company	Participating
AT&T	Participating
B.R. Cablevision aka Community Fiber Solutions	Participating
Buckland Telephone Company	Participating
Comcast	Participating
FJ Communications	Participating
Glandorf Telephone Company	Participating
Kalida Telephone Company	Participating
Mediacom	Participating
NK Telco	Participating
Orwell Cable Company	Participating
OTEC Communication Company	Participating
Quality One Communications	Participating
Telephone Service Company	Participating
TWC dba Spectrum	Participating

North Central Operational Area



LP Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WVNO	Mansfield	106.1	Local Primary 1
WNCO-FM	Ashland	101.3	Local Primary 2

AM Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WMVO	Mount Vernon	1300	Participating
WNCO	Ashland	1340	Participating
WMAN	Mansfield	1400	Participating
WRGM	Ontario	1440	Participating
WMRN	Marion	1490	Participating
WBCO	Bucyrus	1540	Participating

FM Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WAUI	Shelby	88.3	Participating
WRDL	Ashland	88.9	Participating
WXMW	Sycamore	89.3	Participating
WFOT	Lexington	89.5	Participating
WXML	Upper Sandusky	90.1	Participating
WVMC	Mansfield	90.7	Participating
WNZR	Mount Vernon	90.9	Participating
WOSB	Marion	91.1	Participating
WOSV	Mansfield	91.7	Participating
WXMF	Marion	91.9	Participating
WKCO	Gambier	91.9	Participating
WQEL	Bucyrus	92.7	Participating
WQIO	Mount Vernon	93.7	Participating
WMRN-FM	Marion	94.3	Participating
WVXG	Mount Gilead	95.1	Participating
WYNT	Caledonia	95.9	Participating
WMAN-FM	Fredricktown	98.3	Participating

North Central Operational Area (*continued*)

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WYKL	Crestline	98.7	Participating
WYXZ	Crestline	98.7	Participating
WSWR	Shelby	100.1	Participating
WNCO-FM	Ashland	101.3	Local Primary - 2
WFXN	Galion	102.3	Participating
WYHT	Mansfield	105.3	Participating
WVNO	Mansfield	106.1	Local Primary - 1
WXXF	Loudonville	107.7	Participating

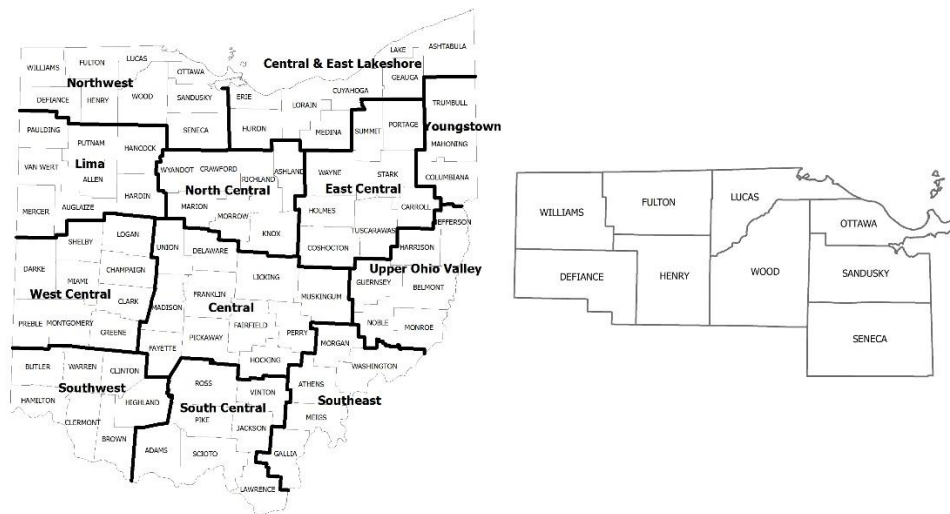
TV Stations

<u>Station</u>	<u>City of License</u>	<u>Channel – Virtual (Actual)</u>	<u>EAS Designation</u>
WMNO-CD	Marion	28	Participating
WOCB-CD	Marion	39	Participating
WOHZ-CD	Mansfield	41	Participating
WMFD	Mansfield	68 (12)	Participating

Cable Systems

<u>System</u>	<u>EAS Designation</u>
Armstrong Cable	Participating
Massillon Cable TV	Participating
Sycamore Telephone Company	Participating
TWC dba Spectrum	Participating

Northwest Operational Area



LP Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WRVF	Toledo	101.5	Local Primary 1
WIOT	Toledo	104.7	Local Primary 2
WDFM	Defiance	98.1	Local Primary 3
WCKY-FM	Pemberville	103.7	Local Primary 3

AM Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WJYM	Bowling Green	730	Participating
WFRO	Fremont	900	Participating
WCWA	Toledo	1230	Participating
WONW	Defiance	1280	Participating
WSPD	Toledo	1370	Participating
WFOB	Fostoria	1430	Participating
WLQR	Toledo	1470	Participating
WQCT	Bryan	1520	Participating
WNWT	Rossford	1520	Participating
WWYC	Toledo	1560	Participating
WTTF	Tiffin	1600	Participating

FM Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WBGU	Bowling Green	88.1	Participating
WXTS	Toledo	88.3	Participating
WLFC	North Baltimore	88.3	Participating
WXUT	Toledo	88.3	Participating
WYSA	Wauseon	88.5	Participating
WYOR	Republic	88.5	Participating
WHEI	Tiffin	88.9	Participating
WYSZ	Maumee	89.3	Participating
WBCY	Archbold	89.5	Participating
WNOC	Bowling Green	89.7	Participating

Northwest Operational Area (continued)

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WOTL	Toledo	90.3	Participating
WHVT	Clyde	90.5	Participating
WGBE	Bryan	90.9	Participating
WGTE	Toledo	91.3	Participating
WGDE	Defiance	91.9	Participating
WOHF	Bellevue	92.1	Participating
WVKS	Toledo	92.5	Participating
WDCM-LP	Defiance	92.9	Participating
WRQN	Bowling Green	93.5	Participating
WTPS-LP	Napoleon	94.1	Participating
WXKR	Port Clinton	94.5	Participating
WOOO-LP	Defiance	95.5	Participating
WIMX	Gibsonburg	95.7	Participating
WMTR	Archbold	96.1	Participating
WAKT-LP	Toledo	96.1	Participating
WVZC-LP	Toledo	96.5	Participating
WBVI	Fostoria	96.7	Participating
WNKL	Wauseon	96.9	Participating
WJZE	Oak Harbor	97.3	Participating
WNLB-LP	Holland	97.7	Participating
WWOC-LP	Bowling Green	97.7	Participating
WDFM	Defiance	98.1	Local Primary - 3
WFRO	Fremont	99.1	Participating
WKKO	Toledo	99.9	Participating
WBNO	Bryan	100.9	Participating
WMJK	Clyde	100.9	Participating
WRVF	Toledo	101.5	Local Primary - 1
WPOS	Holland	102.3	Participating
WNDH	Napoleon	103.1	Participating
WSJG-LP	Tiffin	103.3	Participating
WKJH-LP	Bryan	103.5	Participating
WCKY-FM	Pemberville	103.7	Local Primary - 3
WLBK-LP	Fostoria	104.1	Participating
WLZZ	Montpelier	104.5	Participating
WIOT	Toledo	104.7	Local Primary - 2
WWWM	Sylvania	105.5	Participating
WZOM	Defiance	105.7	Participating
WLQR	Delta	106.5	Participating
WFGA	Hicksville	106.7	Participating
WJUC	Swanton	107.3	Participating
WJUC	Swanton	107.3	Participating
WPFX	Lucky	107.7	Participating

TV Stations

WTOL	Toledo	11	Participating
WTVG	Toledo	13	Participating
WDTJ-LD	Toledo	18	Participating
WNWO	Toledo	24 (40)	Participating
WDFM-LP	Defiance	26	Participating

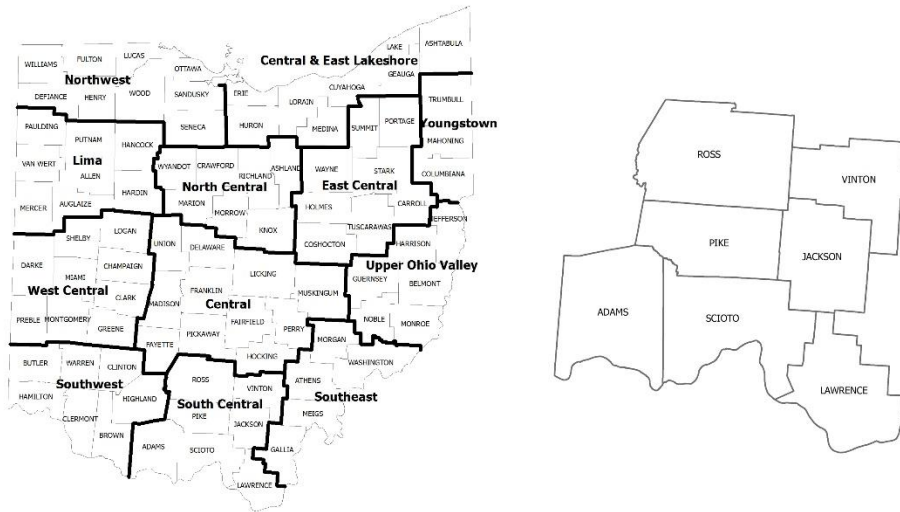
Northwest Operational Area *(continued)*

<u>Station</u>	<u>City of License</u>	<u>Channel – Virtual (Actual)</u>	<u>EAS Designation</u>
WBGU	Bowling Green	27	Participating
WGTE	Toledo	30 (29)	Participating
WUPW	Toledo	36 (46)	Participating
WLMB	Toledo	40 (5)	Participating
WMNT	Toledo	48	Participating

Cable Systems

<u>System</u>	<u>EAS Designation</u>
Arthur Telephone Company	Participating
AT&T	Participating
Ayersville Telephone Company	Participating
BRC Multimedia aka Bascom Telephone Company	Participating
Buckeye Cablevision	Participating
McClure Telephone Company	Participating
Mediacom	Participating
RTEC Communications	Participating
Sherwood Telephone Company	Participating
Sycamore Telephone Company	Participating
TWC dba Spectrum	Participating

South Central Operational Area



LP Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WPYK	Portsmouth	104.1	Local Primary 1
WKKJ	Chillicothe	94.3	Local Primary 2

AM Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WXIC	Waverly	660	Participating
WIOI	New Boston	1010	Participating
WIRO	Ironton	1230	Participating
WNXT	Portsmouth	1260	Participating
WYPC	Wellston	1330	Participating
WCHI	Chillicothe	1350	Participating
WBEX	Chillicothe	1490	Participating

FM Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WUKV	Portsmouth	88.3	Participating
WOUL	Ironton	89.1	Participating
WVXC	Chillicothe	89.3	Participating
WVXW	West Union	89.5	Participating
WOHC	Chillicothe	90.1	Participating
WOSP	Portsmouth	91.5	Participating
WKHR	Bainbridge	91.5	Participating
WOUH	Chillicothe	91.9	Participating
WMEJ	Proctorville	91.9	Participating
WAJB	Wellston	92.5	Participating
WKKJ	Chillicothe	94.3	Local Primary - 2
WRAU	South Webster	94.9	Participating
WHRR	Portsmouth	96.1	Participating
WKOV	Wellston	96.7	Participating
WUHS	West Union	96.9	Participating
WBVB	Coal Grove	97.1	Participating

South Central Operational Area (*continued*)

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WCJO	Jackson	97.7	Participating
WYRO	McArthur	98.7	Participating
WNXT	Portsmouth	99.3	Participating
WXZQ	Piketon	100.1	Participating
WXIZ	Waverly	100.9	Participating
WAGX	Manchester	101.3	Participating
WRAC	West Union	103.1	Participating
WPYK	Portsmouth	104.1	Local Primary - 1
WQLX	Chillicothe	106.5	Participating
WBKS	Ironton	107.1	Participating
WZZZ	Portsmouth	107.5	Participating

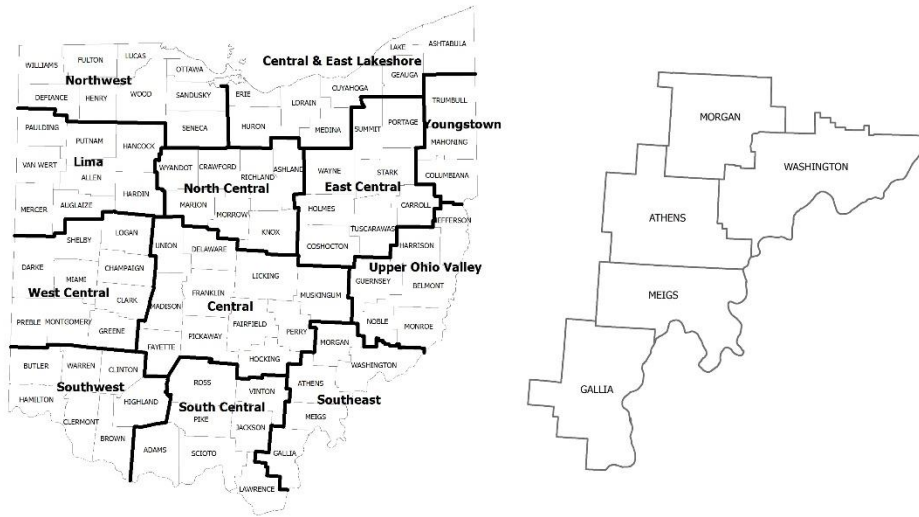
TV Stations

<u>Station</u>	<u>City of License</u>	<u>Channel – Virtual (Actual)</u>	<u>EAS Designation</u>
WHCP	Portsmouth	30 (17)	Participating
WPBO	Portsmouth	42 (43)	Participating
WWHO	Chillicothe	53 (46)	Participating

Cable Systems

<u>System</u>	<u>EAS Designation</u>
Armstrong Cable	Participating
Falcon 1 aka Minford Telephone Company	Participating
Horizon aka Chillicothe Telephone Company	Participating
TWC dba Spectrum	Participating

Southeast Operational Area



LP Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WOUB-FM	Athens	91.3	Local Primary 1
WXTQ	Athens	105.5	Local Primary 2

AM Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WAIS	Buchtel	770	Participating
WBRJ	Marietta	910	Participating
WATH	Athens	970	Participating
WJEH	Gallipolis	990	Participating
WOUB	Athens	1340	Participating
WMPO	Middleport-Pomeroy	1390	Participating
WMOA	Marietta	1490	Participating

FM Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WMRT	Marietta	88.3	Participating
WCVV	Belpre	89.5	Participating
W211BT	Athens	90.1	Participating
WOUB-FM	Athens	91.3	Local Primary - 1
WMBP	Belpre	91.9	Participating
WYVK	Middleport	92.1	Participating
WNTO	Racine	93.1	Participating
WJKW	Athens	95.9	Participating
WVVP-LP	Marietta	96.1	Participating
W246CE	Athens	97.1	Participating
WVWV-LP	Belpre	98.1	Participating
WCMO	Marietta	98.5	Participating
WJAW	McConnelsville	100.9	Participating
WXBW	Gallipolis	101.5	Participating
WRVB	Marietta	102.1	Participating
WYWH-LP	Athens	104.5	Participating

Southeast Operational Area *(continued)*

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WXTQ	Athens	105.5	Local Primary - 2
WEAK-LP	Athens	106.7	Participating
WNUS	Belpre	107.1	Participating
WSEO	Nelsonville	107.7	Participating

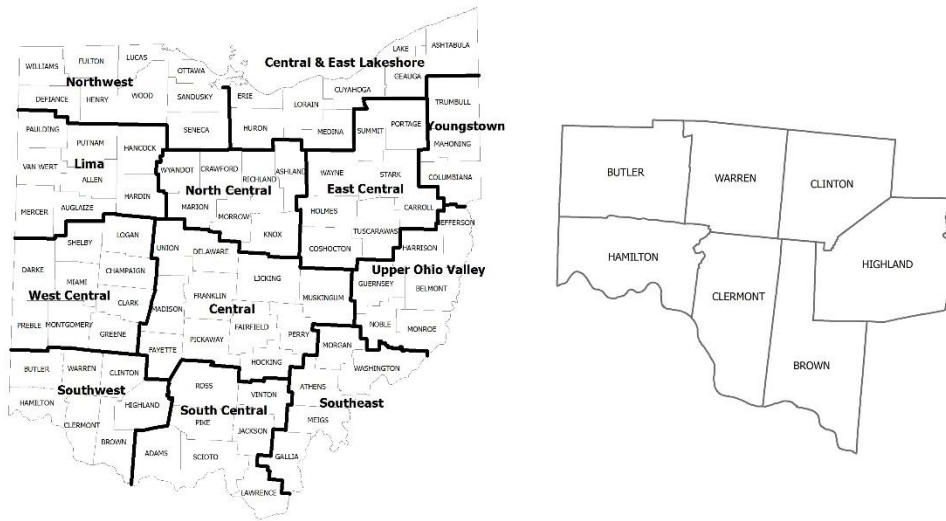
TV Stations

<u>Station</u>	<u>City of License</u>	<u>Channel – Virtual (Actual)</u>	<u>EAS Designation</u>
WOUB-TV	Athens	20 (27)	Participating
WJOS	Pomeroy	27	Participating

Cable Systems

<u>System</u>	<u>EAS Designation</u>
Crystal Broadband Network, Inc.	Participating
Nelsonville Cable TV	Participating
Suddenlink	Participating
TWC dba Spectrum	Participating
Zito Media	Participating

Southwest Operational Area



LP Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WLW	Cincinnati	700	National Primary / Local Primary 1
WRRM	Cincinnati	98.5	Local Primary 2

AM Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WKRC	Cincinnati	550	Participating
WLW	Cincinnati	700	National Primary/Local Primary - 1
WPFB	Middletown	910	Participating
WGRI	Cincinnati	1050	Participating
WKFI	Wilmington	1090	Participating
WDBZ	Cincinnati	1230	Participating
WCKY	Cincinnati	1360	Participating
WMOH	Hamilton	1450	Participating
WDJO	Cincinnati	1480	Participating
WSAI	Cincinnati	1530	Participating
WCNW	Fairfield	1560	Participating
WSRW	Hillsboro	1590	Participating

FM Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WJVS	Cincinnati	88.3	Participating
WAIF	Cincinnati	88.3	Participating
WMUB	Oxford	88.5	Participating
WOBO	Batavia	88.7	Participating
WLMH	Morrow	89.1	Participating
WMKV	Reading	89.3	Participating
WHSS	Hamilton	89.5	Participating
WLHS	West Chester	89.9	Participating
WYJC	Delhi Hills	90.1	Participating
WGUC	Cincinnati	90.9	Participating

Southwest Operational Area (continued)

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WVXU	Cincinnati	91.7	Participating
WOFX	Cincinnati	92.5	Participating
WAKW	Cincinnati	93.3	Participating
WNNF	Cincinnati	94.1	Participating
WREW	Fairfield	94.9	Participating
WYGY	Lebanon	96.5	Participating
WAQZ	Lebanon	97.3	Participating
WVNU	Greenfield	97.5	Participating
WOXY	Mason	97.7	Participating
WKCA	Georgetown	97.7	Participating
WRRM	Cincinnati	98.5	Local Primary -2
WAOL	Ripley	99.5	Participating
WKRQ	Cincinnati	101.9	Participating
WKLN	Wilmington	102.3	Participating
WEBN	Cincinnati	102.7	Participating
WGRR	Hamilton	103.5	Participating
WNLT	Harrison	104.3	Participating
WUBE	Cincinnati	105.1	Participating
WNKN	Middletown	105.9	Participating
WSRW	Hillsboro	106.7	Participating
WKFS	Milford	107.1	Participating

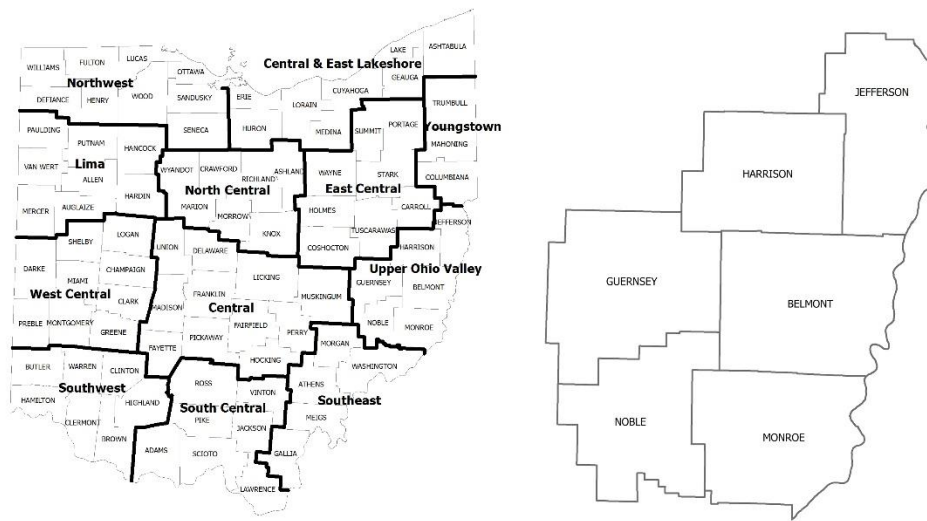
TV Stations

<u>Station</u>	<u>City of License</u>	<u>Channel – Virtual (Actual)</u>	<u>EAS Designation</u>
WLWT	Cincinnati	5 (35)	Participating
WCPO	Cincinnati	9 (10)	Participating
WKRC	Cincinnati	12 (31)	Participating
WPTO	Oxford	14 (28)	Participating
WXIX	Newport KY	19	Participating
WOTH	Cincinnati	35	Participating
WDYC	Cincinnati	36	Participating
WCET	Cincinnati	48 (34)	Participating
WSTR	Cincinnati	64 (33)	Participating

Cable Systems

<u>System</u>	<u>EAS Designation</u>
AT&T	Participating
CBET (Cincinnati Bell Extended Territories)	Participating
S. Bryer Cable TV	Participating
TWC dba Spectrum	Participating

Upper Ohio Valley Operational Area



LP Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WEGW	Wheeling WV	107.5	Local Primary 1
WBNV	Barnesville	93.5	Local Primary 2
WOUC-FM	Cambridge	89.1	Local Primary 3

AM Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WDIG	Steubenville	950	Participating
WILE	Cambridge	1270	Participating
WOMP	Bellaire	1290	Participating

FM Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WBJV	Steubenville	88.9	Participating
WOUC-FM	Cambridge	89.1	Local Primary - 3
WBIK	Pleasant City	92.1	Participating
WBNV	Barnesville	93.5	Local Primary - 2
WEEL	Shadyside	95.7	Participating
WCMJ	Cambridge	96.7	Participating
WILE	Barnesville	97.7	Participating
WBGI	Bellaire	100.5	Participating
WWKC	Caldwell	104.9	Participating
WEGW	Wheeling, WV	107.5	Local Primary - 1

TV Stations

<u>Station</u>	<u>City of License</u>	<u>Channel – Virtual (Actual)</u>	<u>EAS Designation</u>
WTOV	Steubenville	9	Participating
WOUC-TV	Cambridge	44	Participating

Upper Ohio Valley Operational Area (*continued*)

Cable Systems

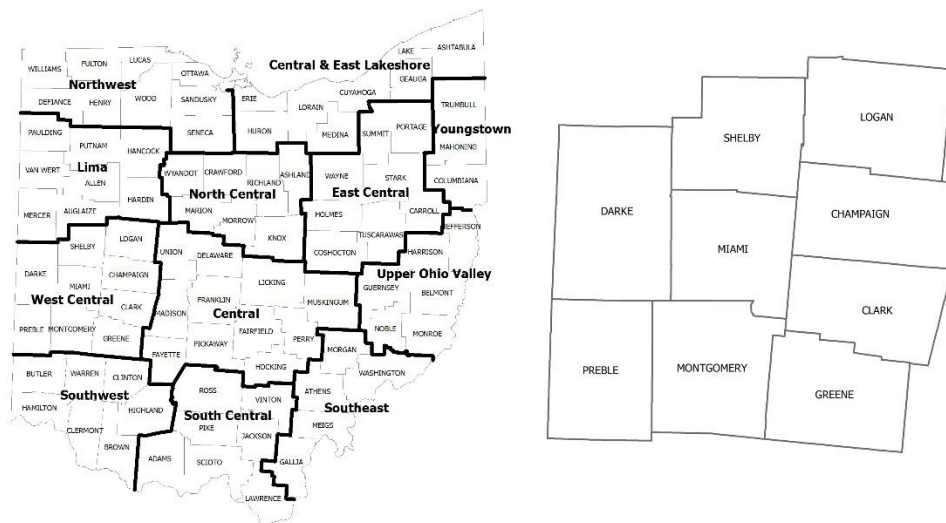
System

Bellaire Cable
Comcast
Crystal Broadband Network, Inc.
Jefferson County Cable
Powhatan Point Cable
Suddenlink
TWC dba Spectrum
Zito Media

EAS Designation

Participating
Participating
Participating
Participating
Participating
Participating
Participating
Participating

West Central Operational Area



LP Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WHKO	Dayton	99.1	Local Primary 1
WTUE	Dayton	104.7	Local Primary 2
WEEC	Springfield	100.7	Local Primary 3
WHIO-FM	Piqua	95.7	Local Primary 3

AM Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WONE	Dayton	980	Participating
WGNZ	Fairborn	1110	Participating
WEDI	Eaton	1130	Participating
WDAO	Dayton	1210	Participating
WHIO	Dayton	1290	Participating
WIZE	Springfield	1340	Participating
WBLL	Bellefontaine	1390	Participating
WING	Dayton	1410	Participating
WBZI	Xenia	1500	Participating
WPTW	Piqua	1570	Participating
WULM	Springfield	1600	Participating

FM Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WDPR	West Carrollton	88.1	Participating
WCSU	Wilberforce	88.9	Participating
WUSO	Springfield	89.1	Participating
WDPS	Dayton	89.5	Participating
WQRP	Dayton	89.5	Participating
WDPG	Greenville	89.9	Participating
WCDR	Cedarville	90.3	Participating
WYSO	Yellow Springs	91.3	Participating
WDEQ	Degraff	91.7	Participating
WROU	West Carrollton	92.1	Participating

West Central Operational Area (*continued*)

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WGTV	Eaton	92.9	Participating
WRPO	Russells Point	93.5	Participating
WFCJ	Miamisburg	93.7	Participating
WYDB	Englewood	94.5	Participating
WZLR	Xenia	95.3	Participating
WHIO-FM	Piqua	95.7	Local Primary - 3
WYDA	Troy	96.9	Participating
WTGR	Union City	97.5	Participating
WUDR	Dayton	98.1	Participating
WKET	Kettering	98.3	Participating
WPKO	Bellefontaine	98.3	Participating
WHKO	Dayton	99.1	Local Primary - 1
WCHD	Kettering	99.9	Participating
WEEC	Springfield	100.7	Local Primary - 3
WCLI	Urbana	101.5	Participating
WDHT	Springfield	102.9	Participating
WXEG	Beavercreek	103.9	Participating
WTUE	Dayton	104.7	Local Primary - 2
WMVR	Sidney	105.5	Participating
WDJO	Greenville	106.5	Participating
WWSU	Fairborn	106.9	Participating
WCWT	Centerville	107.3	Participating
WMMX	Dayton	107.7	Participating

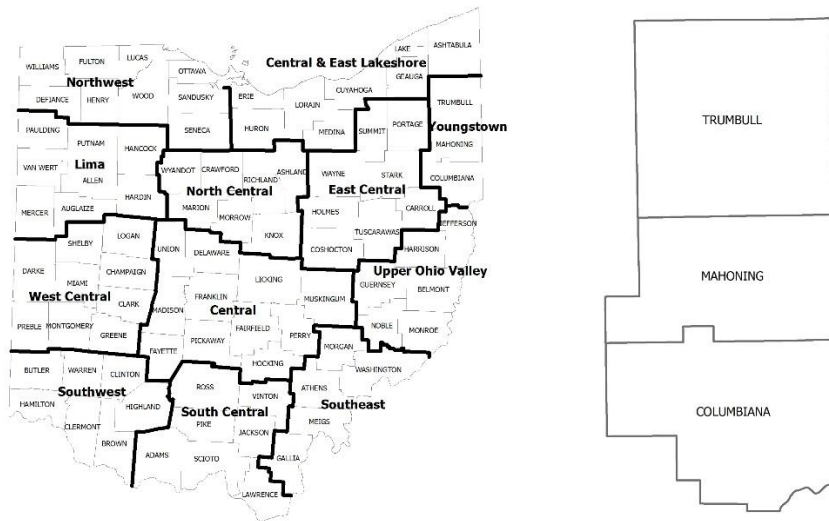
TV Stations

<u>Station</u>	<u>City of License</u>	<u>Channel – Virtual (Actual)</u>	<u>EAS Designation</u>
WDTN	Dayton	2 (50)	Participating
WHIO-TV	Dayton	7 (41)	Participating
WPTD	Dayton	16	Participating
WKEF	Dayton	22 (51)	Participating
WBDT	Springfield	26	Participating
WWRD	Dayton	32	Participating
WRCX	Dayton	40	Participating
WRGT	Dayton	45 (30)	Participating

Cable Systems

<u>System</u>	<u>EAS Designation</u>
AT&T	Participating
Community Fiber Solutions	Participating
NK Telco	Participating
TWC dba Spectrum	Participating
Wabash Mutual Telephone	Participating

Youngstown Operational Area



LP Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WMXY	Youngstown	98.9	Local Primary 1
WYSU	Youngstown	88.5	Local Primary 2

AM Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WKBN	Youngstown	570	Participating
WSOM	Salem	600	Participating
WKTZ	Cortland	830	Participating
WGFT	Campbell	1330	Participating
WNIO	Youngstown	1390	Participating
WHKZ	Warren	1440	Participating
WOHI	East Liverpool	1490	Participating
WASN	Youngstown	1500	Participating
WHTX	Warren	1570	Participating

FM Stations

<u>Station</u>	<u>City of License</u>	<u>Frequency</u>	<u>EAS Designation</u>
WYSU	Youngstown	88.5	Local Primary - 2
WKTL	Struthers	90.7	Participating
WYTN	Youngstown	91.7	Participating
WNCD	Youngstown	93.3	Participating
WMXY	Youngstown	98.9	Local Primary - 1
WHOT	Youngstown	101.1	Participating
WYLR	Hubbard	101.9	Participating
WQXK	Salem	105.1	Participating
WBBG	Niles	106.1	Participating

Youngstown Operational Area (*continued*)

TV Stations

<u>Station</u>	<u>City of License</u>	<u>Channel – Virtual (Actual)</u>	<u>EAS Designation</u>
WYFX-LD	Youngstown	19	Participating
WFMJ	Youngstown	21 (20)	Participating
WKBN-TV	Youngstown	27 (41)	Participating
WYTV	Youngstown	33 (36)	Participating

Cable Systems

<u>System</u>	<u>EAS Designation</u>
Armstrong Cable	Participating
Comcast	Participating
Crystal Broadband Network, Inc.	Participating
Orwell Communications	Participating
Suddenlink	Participating
TWC dba Spectrum	Participating

ATTACHMENT IV

STATE EMERGENCY COMMUNICATIONS COMMITTEE

Chair:

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Mobile: 614-496-2121
gregsavoldi@iheartmedia.com

Vice-Chair:

Dave Ford
Ohio Emergency Management Agency
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Columbus, Ohio 43235-2206
Phone: 614-889-7154
24/7: 614-889-7150
rdford@dps.state.oh.us

Cable Co-Chair:

Jonathon McGee, Executive Director
Ohio Cable Telecommunications Association
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Columbus, Ohio 43215
Phone: 614-461-4014
jmcgee@octa.org

LOCAL EMERGENCY COMMUNICATIONS COMMITTEE CHAIRS

CENTRAL OPERATIONAL AREA

Chair:

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Facility Master Control (24/7): 614-487-2484
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Vice-Chair:

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greg.armstrong@radiohio.com

CENTRAL AND EAST LAKESHORE OPERATIONAL AREA**Chair:**

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 Direct: 216-986-8833
daveszucs@iheartmedia.com

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