

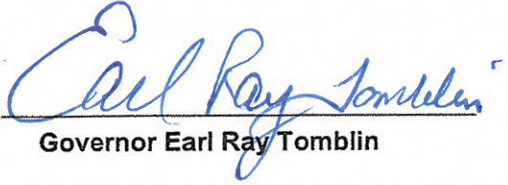
STATE OF WEST VIRGINIA

Emergency Alert System Operational Plan

This plan was prepared by the West Virginia State Emergency Communications Committee in cooperation with the West Virginia Broadcaster's Association, the West Virginia Division of Homeland Security and Emergency Management; the National Weather Service-Charleston, West Virginia; the West Virginia Chapter of the Society of Broadcast Engineers; West Virginia Chapter of the Society for Cable Telecommunication Engineers; State and local officials; and the broadcasters and cable systems of West Virginia.

WEST VIRGINIA EMERGENCY ALERT OPERATIONAL PLAN

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[unclear]

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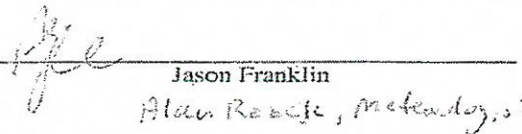
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I. Intent and Purpose of Plan

This plan is the FCC-mandated document outlining the organization and implementation of the State of West Virginia Emergency Alert System. It is intended as a guideline for West Virginia television and radio broadcasters and cable-TV operators to determine:

- Their mandated and optional monitoring assignments.
- Codes to be used in the EAS header sequence.
- Schedule of the Required Monthly Tests (RMT's) which must be relayed by all broadcasters and cable operators within 60 minutes of reception from each relaying station.
- Any other elements of the EAS which will be unique to the State of West Virginia.
- This plan is an adjunct to the FCC EAS rules as stated in said rules under Part II.

General Considerations

The listening and viewing habits of the public are inherent factors of consideration and are conducive to the positive effectiveness of the West Virginia EAS. The instinctive reaction of the average person is to turn on his radio or television set in time of emergency. However, continuing public education is required to increase public awareness of the West Virginia EAS as an established medium for the receipt and distribution of emergency information to the general public at the Local, State, and National levels.

II. National, State and Local EAS: Participation and Priorities

A. National Participation

All broadcasters and cable operators are required to participate in the National-level EAS. PN (Participating National) sources and all cable operators would carry the Presidential message. In addition, all broadcasters and cable operators must transmit a Required Weekly Test (RWT), and once a month must re-transmit a Required Monthly Test (RMT) within 60 minutes of receiving it on their decoder if said broadcaster or cable operator is not the SP or LP source. These actions are required of all broadcasters and cable operators, regardless of their PN status.

B. State and Local Participation

Participation in the State and/or Local EAS is voluntary for all broadcasters and cable operators, however, any broadcasters or operator electing to participate in the State and/or Local EAS must follow all procedures found in this plan.

C. Conditions of EAS Participation

Acceptance of or participation in this plan shall not be deemed as relinquishment of program control, and shall not be deemed to prohibit a broadcast licensee from exercising his/her independent discretion and responsibility in any given situation. Broadcast stations and cable operators originating EAS emergency communications shall be deemed to have conferred rebroadcast authority. The consent of management of each broadcast station and cable operator to exercise discretion regarding the broadcast of emergency information and instructions to the general public is provided by the FCC Rules and Regulations.

D. EAS Priorities

Broadcast stations and cable operators are reminded the EAS priorities are set forth in the FCC rules are as follows:

- 1) National EAS Message (Event Code EAN)
- 2) Local area EAS message
- 3) State EAS messages
- 4) Messages from the NIC (National Information Center)

E. Compliance

Broadcast stations and cable operators will be responsible for compliance of FCC Regulations regarding EAS.

III. West Virginia State Emergency Communications Committee (WVSECC)

The responsibility of administering this plan rests with the members of the WVSECC. The WVSECC Chair is appointed by the FCC. Members of the committee, including operational area chairs, are volunteers. The WVSECC and LAECC are comprised by the following:

Co-Chairpersons

Noel W. Richardson (Chair: WV SBE)
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Committee Members

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WV Division of Homeland Security and
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IV. Organization and Concepts of the West Virginia Emergency Alert System

A. EAS Designations

Below are the FCC mandated station designations, reflecting the EAS status of every broadcaster and cable operator. All stations must monitor NOAA and assigned LP1

NP: National Primary Source. Is a source of National EAS Presidential messages. These stations will be monitored by West Virginia SR and LP sources. WCHS-580 AM is now designated as a PEP (primary entry point) station which has the capability to monitor and re-broadcast National EAS & Presidential messages.

SP: State Primary Sources. A sole source of State Governor's and/or other state official (see Annex A) messages.

SR: State Relay Sources. A sole source of West Virginia State EAS messages relayed from the West Virginia Division of Homeland Security and Emergency Management at the State Capitol through designated relay stations and simultaneously through the MetroNews Net-1 radio network, consisting of over 55 affiliates. This is the "backbone" relay utilizing primarily AM and FM radio broadcast stations (see Annex B). These stations will also relay National, Local and Weather EAS alerts. Additions may be added as technology improves. A new annex will be provided.

LP: Local Primary Source. The LP-1 sources will be the same as the designated SR sources. In some areas where the LP-1 may not have coverage, a new LP-2 station will be designated to cover the far reaches of the area. Information in this plan relating to LP-1's also applies to LP-2's in those areas, which will be the primary sources of Local Area EAS messages. These stations will also relay National, Local, and Weather EAS alerts. Clustered LP-1 stations shall share a common EAS unit providing the operational areas are the same.

PN: Participating National Sources. Local broadcast stations and cable operators participating in the EAS. The PN sources will monitor their assigned SR/LP and NOAA sources (See Annex C and E). These broadcast stations and cable operators may also originate local EAS messages.

PEP: Primary Entry Point. WCHS-AM 580 Charleston is designated by FEMA, FCC and Homeland Security as the only regional Primary Entry station for national events and presidential messages. In the event this station is utilized in an emergency WCHS has full authority to operate at full power, non-directional, fulltime.

B. Other Designations

The following are other terms used in the organization of the West Virginia EAS plan:

State EOC: The West Virginia State Emergency Operations Center in Charleston which is the origination point of messages from the Governor.

WKAZ-AM/WCHS-AM and WKWS/WVAF-FM: The operation center that controls audio feeding of all SR sources.

MetroNews Net-1 Satellite System: A completely redundant satellite uplink system feeding stations throughout the state with origination from Charleston and Morgantown, using digital satellite, IDSN, TI and conventional phone lines.

Emergency Services Director/911 Centers: All 911 centers will have email/internet and a fax machine with the number to area LP-1 station, WVDHSEM, State Police in South Charleston and the National Weather Service.

National Weather Service: NWS forecast offices serving WV will disseminate all EAS alerts via NOAA Weather Radio (NWR) using the SAME (Specific Area Message Encoding) coding.

Industrial Plants: As part of the EAS, industrial plants with a potential for dangerous conditions may have their own EAS encoder broadcasting on a two-way radio channel. In this way they can warn area emergency managers directly of any potential hazardous condition. Emergency Management directors and agencies which monitor this channel with an EAS decoder can be warned immediately and relay messages to the National Weather Service. Further, if the Emergency Management EAS decoder monitors area broadcasters and cable operators, it will confirm when those sources pass the emergency message.

Industrial plants that have the potential of creating a hazardous condition are urged to work with the National Weather Service, 911 Centers, West Virginia Division of Homeland Security and Emergency Management, State Emergency Communications Committee, and the State Primary (SP) and Local Primary (LP) sources. Generally, industrial plants may activate EAS by contacting their local 911 center and the National Weather Service. Industrial plants should contact the National Weather Service in the event of a hazardous condition.

Note: If an industrial plant recommends EAS activation, 911/local dispatch must contact the National Weather Service first. It also requires the local LP broadcasters monitor these sources.

C. Definitions

Child Abduction Emergency (CAE). An emergency message, based on established criteria, about a missing child believed to be abducted. A local or state law enforcement agency investigating the abduction will describe the missing child, provide a description of the suspect or vehicle, and ask the public to notify the requesting agency if they have any information on the whereabouts of the child or suspect.

Civil Danger Warning (CDW). A warning of an event that presents a danger to a significant civilian population. The CDW, which usually warns of a specific hazard and gives specific protective action, has a higher priority than the Local Area Emergency (LAE). Examples include contaminated water supply and imminent or in-process military or terrorist attack. Public protective actions could include evacuation, shelter-in-place, or other actions (such as boiling contaminated water or seeking medical treatment).

Civil Emergency Message (CEM). An emergency message regarding an in-progress or imminent significant threat (s) to public safety and/or property. The CEM is a higher priority message than the Local Area Emergency (LAE), but the hazard is less specific than the Civil Danger Warning (CDW). For example, the CEM could be used to describe a change in the Homeland Security Alert System level in response to a terrorist threat.

Earthquake Warning (EOW). A warning of current or imminent earthquake activity. Authorized officials may recommend or order protective actions according to state law or local ordinance.

Evacuation Immediate (EVI). A warning where immediate evacuation is recommended or ordered according to state law or local ordinance. As an example, authorized officials may recommend the evacuation of affected areas due to an approaching tropical cyclone. In the event a flammable or explosive gas is released, authorized officials may recommend evacuation of designated areas where casualties or property damage from a vapor cloud, explosion or fire may occur.

Fire Warning (FRW). A warning of a spreading wildfire or structural fire which threatens a populated area. Evacuation of areas in the fire's path may be recommended by authorized officials according to state law or local ordinance.

Hazardous Materials Warning (HMW). A warning of the release of a non-radioactive hazardous material (such as a flammable gas, toxic chemical, or biological agent) may be recommended, evacuation (for an explosion, fire or oil spill hazard) or shelter-in-place (for a toxic fume hazard).

Law Enforcement Warning (LEW). A warning of a bomb explosion, riot, or other criminal event (e.g. a jailbreak). An authorized law enforcement agency may blockade roads, waterways, or facilities, evacuate or deny access to affected areas, and arrest violators or suspicious persons.

Local Area Emergency (LAE). An emergency message defining an event that by itself does not pose a significant threat to public safety and/or property. However, the event could escalate, contribute to other more serious events, or disrupt critical public safety services. Instructions, other than public protective actions, may be provided by authorized officials. Examples include: a disruption in water, electric or natural gas services, road closures due to excessive snow fall, black ice or a potential terrorist threat and where the public is asked to remain on alert.

911 Telephone Outage Emergency (TOE). An emergency message that defines a local or state 911 telephone network outage by geographic area or telephone exchange. Authorized officials may provide alternative phone numbers in which to reach 911 or dispatch personnel.

Nuclear Power Plant Warning (NUW). A warning of an event at a nuclear power plant classified as a Site Area Emergency or General Emergency as defined by the Nuclear Regulatory Commission (NRC). A Site Area Emergency is confined to the plant site; no off-site impact is expected. Typically, a General Emergency is confined to an area less than 10-mile radius around the plant. Authorized officials may recommend evacuation or medical treatment of exposed persons in nearby areas.

Radiological Hazard Warning (RHW). A warning of the loss, discovery, or release of a radiological hazard. Examples include: the theft of radioactive isotope used for medical, seismic, or other purposes; the discovery of radioactive materials; transportation (aircraft, truck or rail, etc.) accident which may involve nuclear weapons, nuclear fuel, or a radioactive hazard is discovered.

Shelter in Place Warning (SPW). A warning of an event in which the public is recommended to shelter in place (go inside, close doors and windows, turn off air conditioning or heating systems, and turn on the radio or TV for more information. An example, is the release of hazardous materials where toxic fumes or radioactivity may affect designated areas.

Emergency. A situation posing an extraordinary threat to the safety of life and property. Examples are, but not limited to natural hazards such as: earthquakes, tornadoes, flash floods, icing conditions, heavy snows, widespread fires; and man-made hazards such as: discharge of toxic gases or military chemical weapons, widespread power failures, industrial explosions, civil disorders and nuclear incidents.

Severe Weather Watch. A severe weather watch indicated the conditions are favorable for the development of severe storms capable of producing severe weather. When the watch is issued, this is the time to make preparations and to keep an eye on the weather.

Severe Weather Warning. A severe weather warning indicates a severe weather storm has actually been sighted in an area or indicated by radar, and provides notice to the public that severe weather conditions are almost certain to occur.

Designated Government Officials. The person or persons designated by government signatory to this procedure to request activation of the EAS and to make emergency announcements.

Shelter In Place. All persons in the area(s) affected should remain in their house or other closed building. Heating/cooling systems and window/attic fans should be turned off. Windows, doors and vents should be closed. If possible listen to radio and television for further information.

Prepare To Evacuate. All persons in the area(s) affected should remain in their houses and prepare for an orderly evacuation should it become necessary. Persons should gather clothing and medication for a few days stay away from home. Suggested items might include clothing, medications, baby supplies, portable radio, flashlight, cash and credit cards. If possible listen to radio and television for further information. Animals under your control should be addressed as well.

Evacuation. An evacuation will be ordered if the community is threatened and there is time to evacuate safely and in an orderly manner. Instructions should include evacuation routes and areas of shelter. If possible listen to radio and television for further information.

Activation. The National Weather Service will activate all EAS alerts or forward fax/phone copy to SP sources (See Section D, #5). The West Virginia EAS is activated by a request from authorized officials to the National Weather Service first. The SP sources, WCHS & WKAZ AM and WVAF & WKWS FM are in Charleston and are key with respect to activation of the EAS at the State level. All State Relay (SR) sources in each EAS Local Area should monitor the above SP sources, or according to the West Virginia State Relay Network (see Annex B) for further dissemination of State level emergency information to all other stations and cable systems and the public.

Deactivation. An event which caused the activation of West Virginia EAS has expired, the original activating official or an authorized designee should deactivate EAS. If necessary, information should be passed to the public advising them of any further action that may be necessary.

D. General Procedures for use by Broadcast Stations and Cable Systems

- 1) When a severe weather WATCH is issued by the National Weather Service (NWS) for the State of West Virginia, stations and cable systems may receive hardy copy of the WATCH over news or weather wire services.
- 2) When a severe weather WARNING is issued by the NWS for the State of West Virginia, the NWS or another designated official will notify the SP sources through NOAA Weather Radio or telephone. The NWS may also utilize Amateur (HAM) radio or an RPU to contact the SP source in the event of telephone failure.
- 3) When a severe weather WARNING is issued by the NWS for a specific locality, the NWS will notify the LP and NP sources through the NOAA weather radio system. Broadcasters and cable operators should monitor the NOAA weather radio frequency serving their local area (See Annex E).
- 4) When a statewide emergency exists, the Governor or a designated official from the list provided to broadcasters and cable operators will determine whether or not to request activation of the West Virginia EAS through the SP sources. All Amber Alerts will be activated statewide (See Annex F).
- 5) For unique emergency situations not involving the entire state, local authorities may request EAS activation through the Local Primary (LP) source serving the affected EAS area. Broadcasters and cable operators should be provided with, through EAS Local Plans, a list of names of civil authorities that may request local activation of the EAS.
- 6) The West Virginia State Emergency Communications Committee and the West Virginia Division of Homeland Security and Emergency Management will issue a list of authorized officials and authentication procedures for requesting activation of the West Virginia EAS (see Annex A1). These are distributed on a need-to-know basis.

E. Communications Between, West Virginia Division of Homeland Security and Emergency Management, the National Weather Service, Industrial Plants, and the Broadcast and Cable Facilities of West Virginia.

- 1) Commercial telephone, fax and two-way RPU connections exist: between the West Virginia Division of Homeland Security and Emergency Management, the NWS, and the broadcast and cable facilities of the state.
- 2) 2 SR sources unable to receive the SR source will utilize the MetroNews Net-1 Satellite Service. If any SR source is not a MetroNews Net-1 affiliate, please notify the WVSECC.

- 3) All broadcast and cable operators will monitor the local NWR Weather Radio serving their operational area.

VI. Testing the Emergency Alert System

A. Required Weekly Test (RWT)

Transmission: All broadcasters, cable operators, and the MetroNews Net-1 Network must transmit an RWT once each week at random days and times except for the week of the RMT. There are no time-of-day restrictions. This is a 10.5-second test, consisting only of the EAS Header and End-of-Message (EOM) codes. In the event of co-located and clustered radio stations, a common EAS ENDEC may be utilized, allowing the test to air on all stations simultaneously.

Reception: All broadcasters and cable operators receiving an RWT from one of their monitored sources must log receipt of this test. No further action is required.

Note: Rebroadcast of the RMT or an actual activation may take the place of the RWT.

Transmission: RMT's are to be initiated by the SP and SR sources. During some months, the test will actually be initiated by the NWS or WVDHSEM. During the designated week for this test, all other broadcasters and cable operators are to wait for this test and then react as described below. These tests shall always use the Event Code "RMT", never codes such as "State Test" or Local Area Test", etc.

Scheduling of RMT's/Week and Time-of-Day:

- RMT's shall always occur during the first, full, Sunday through Saturday week of the month.
- Time frame and origination of the RMT test shall adhere to the following format:

Month	Time Frame	Originating Source
January	Day/8:30 AM to Local Sunset	State Primary Source
February	Night/Local Sunset to 8:30 AM	WVDHSEM
March	Day/8:30 AM to Local Sunset	National Weather Service
April	Night/Local Sunset to 8:30 AM	State Relay Source
May	Day/8:30 AM to Local Sunset	WVDHSEM
June	Night/Local Sunset to 8:30 AM	State Relay Source
July	Day/8:30 AM to Local Sunset	State Primary Source
August	Night/Local Sunset to 8:30 AM	State Relay Source
September	Day/8:30 AM to Local Sunset	State Primary Source
October	Night/Local Sunset to 8:30 AM	National Weather Service
November	Day/8:30 AM to Local Sunset	State Relay Source
December	Night/Local Sunset to 8:30 AM	State Relay Source

Note: The MetroNews Net-1 Network will transmit the RMT each month in accordance with the above schedule, in addition to the RMT scheduled by the NWS.

B. Required Monthly Test (RMT)

Scheduling of RMT's/Recommended Time Constraints: SR and LP-1 sources as well as WVDHSEM are requested to use judgment in the scheduling times for RMT's. Since all broadcasters and cable operators are required to rebroadcast this test within 60 minutes of receiving it, care should be taken not to put undue hardship on TV broadcasters, in particular, when they are carrying their highest-revenue programming. On a daily basis, these periods would include all major newscasts; early morning, noon, evening, and late evening. In addition, during major events it is recommended such events as: pre-planned presidential speeches, hours of a major national or local news story carried outside of normal newscast hours, local and national election coverage, and major sporting events like the World Series games and the Super Bowl. SP/SR LP stations shall set RMT duration at a minimum of 60 minutes when transmitting test.

Reception/Re-transmission of RMT's: All Broadcasters and cable operators receiving an RMT must re-transmit this test within 60 minutes of receiving the test. [For daytime-only stations receiving a nighttime RMT, this test must be re-transmitted within 60 minutes of sign-on]. Transmission of this RMT takes the place of the RWT. Times should be logged for the receipt and re-transmission of the RMT. Broadcast and cable management should impress upon their staff that re-transmission of this test is not an option. It is an FCC violation to fail to re-transmit this test within 60 minutes of receiving it. The best policy may be to set your EAS unit for a 60 minute countdown upon receiving it. If the operator on duty does not send the test manually within that window, the unit will do it when time runs out.

Optical "Live" Test: NWS has the option to do a SAME/EAS "live" real Event Code Test

C. Time Duration and County-Location Codes to be used:

- **Time Duration** used in the EAS Header Code for all tests shall be "60 MINUTES"
- **County Location** codes used in the EAS Header Code or EAS Tests shall conform to these guidelines.

SP Sources: All tests, RWT and RMT, shall use the location code for the entire state (054000),

SR Sources: All tests, RWT and RMT, shall include the Location Code for all counties in that SR station's Local Area of responsibility. To determine the counties in their Local Area of responsibility, each SR source should refer to the "Boundary Map" located later in this plan book (Annex H). Under the new EAS plan some Local Areas may have changed compared to the old EBS plan. Please read carefully.

LP, NP Sources and Cable Operators: RMT's shall be retransmitted unchanged, except for the "L-Code". Thus, R-IT15 will include all counties present in the original message. For the RWT originated each week by the PN source, and cable operators, the county-location code used shall be the county for the broadcaster's city of license, or the cable operator's community of license. Other-counties in the LP or source/cable operator's service area may be added at management discretion.

D. Test Formats and Scripts

The following test scripts and formats shall be used by all West Virginia broadcasters, cable operators and emergency agencies when originating EAS tests.

- (1) **RWT:** No script is used for the RWT. However, as a matter of educating the public, stations have the option of installing a reminder either before or after the RWT that "This is/has been a weekly test of the Emergency Alert System." Format is as follows:
 - Stop regular programming
 - One-second pause
 - Send EAS Header Code 3 times [Use Event Code RWT]
 - One-second pause
 - Send EAS Header Code 3 times
 - Three-second pause
 - Resume normal programming

(2) **RMT:** SP sources, SR/LF sources, and emergency agencies originating this test should use the following format. Duration shall be set at 60 minutes. All other broadcasters and cable operators will receive the test in this format and must re-transmit it within 60 minutes in the same format. Format is as follows:

- Stop regular programming
- Television broadcasters visually display test message
- Required Intro: “The following is a required monthly test of the West Virginia Emergency Alert System”
- One-second pause
- Send EAS Header Code 3 times [Use Event Code RMT]
- One-second pause
- Send EAS Attention Signal
- Read Test Script: “This is a test of the (Local Area) West Virginia Emergency Alert System. In the event of an emergency, this system would bring you important information. This concludes this required monthly test.”
- One-second pause
- Send EAS end-of-Message Code 3 times
- Three-second pause
- Resume normal programming

Note: When RMT’s are originated and sent through the SP source the (Local Area) should read “State of.” When RMT’s originate from LP sources the (Local Area) should reflect the area being served. MetroNews Net-1 will only read “State of West Virginia.”

VII. Activation

A. Procedures for Activation by State Officials

(1) Request activation of the EAS facilities through State Primary sources (WCHS & WKAZ AM and WVAF & WKWS FM), using prearranged authentication procedures. The West Virginia EAS may be activated by the West Virginia Governor or designated official (see Annex A).

(2) In the event of a State Emergency, radio and television stations and cable operators should prepare for a message content of longer than two minutes by means of direct recording/reproducing of event message.

(3) It is recommended government officials use the following format when delivering the emergency announcement. The format is general in nature to allow for the uniqueness of each emergency situation, yet broad enough to ensure completeness.

- a) This is name/title of (jurisdiction) with a request to activate the West Virginia Emergency Alert System. I authenticate as _____
- b) Summarize nature of the emergency
- c) Instructions or messages to the public
- d) Actions being taken by state and/or local government (s)
- e) Advise, if possible, length of time the emergency will be in effect

B. Procedure for Broadcast Stations and Cable Systems

(1) Upon receipt of a request to activate EAS at the state level, the operator at the SP source will authenticate and proceed as follows:

- Transmit the following announcement: “WE INTERRUPT THIS PROGRAM BECAUSE OF A STATE EMERGENCY. IMPORTANT INFORMATION WILL FOLLOW”
- One-second pause
- Transmit the Emergency Alert System header codes
- One-second pause
- Transmit attention signal
- One-second pause

- Transmit the following message: “WE INTERRUPT THIS PROGRAM TO ACTIVATE THE WEST VIRGINIA EMERGENCY ALERT SYSTEM AT THE REQUEST OF (authority) AT (time)”
- Repeat the emergency message as necessary, and include any special instructions or information
- If EAS operations are now concluded, pause one second and transmit the FOM code. Otherwise keep the program open and transmit the EOM code after the program is over

(2) Audio messages from all sources including the National Weather Service and any repeats each must be less than two minutes.

Note: It may be necessary to give additional EAS activation's for the same event to provide additional information and/or to deactivate a previous EAS alert.

C. Procedures for Activation by the National Weather Service.

(1) The National Weather Service will activate the West Virginia EAS through the NOAA weather radio system following their established guidelines.

(2) Activation for broadcast and cable operators may also be receiving via news and weather wire services.

(3) Each LP, and NP sources are required to monitor their local NOAA radio (see Annex E for a map containing National Weather Service frequencies).

D. Note of Verification

Should any broadcaster or cable system not receive either the RWT or RMT from the primary source, including MetroNews Net-1 affiliates, they must notify a respective source **and** the following WVSECC committee members:

- Noel Richardson, WV Radio/MetroNews: 304-342-8131
nrichardson@wvradio.com
- Mike Miller, Suddenlink Communications: 304 915-0135
Michael.Miller@suddenlink.com
- Michele Crist, WV Broadcasters Association: 304-744-2143
mcrist@wvba.com

Annex A
List of State Officials Authorized to Activate the WV EAS

A. The following is the list of State Officials Authorized to Activate the West Virginia EAS:

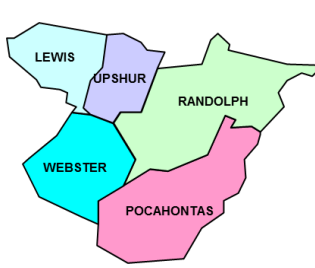
1. Meteorologist In Charge, National Weather Service
2. Governor of the State of West Virginia
3. Chief of Staff, Office of the Governor of the State of West Virginia
4. Secretary, Department of Military Affairs and Public Safety
5. Director, West Virginia Division of Homeland Security and Emergency Management
6. Director of Operations, West Virginia Division of Homeland Security and Emergency Management
7. Operations Officer, West Virginia Division of Homeland Security and Emergency Management

WEATHER RADIO FREQUENCY COVERAGE

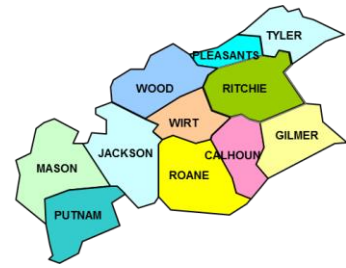
Provided by NWS Charleston



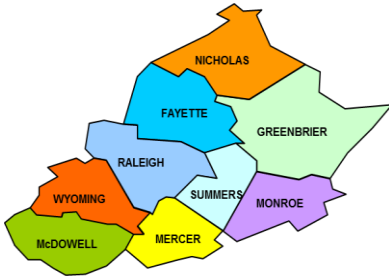
WXM-74 Sutton 162.450



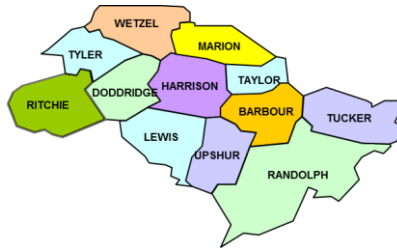
WXJ-84 Charleston 162.400



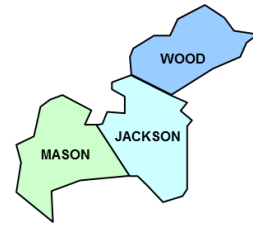
KXI-74 Monterville 162.525



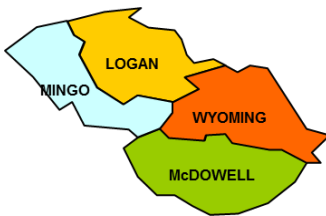
WXM-71 Beckley 162.550



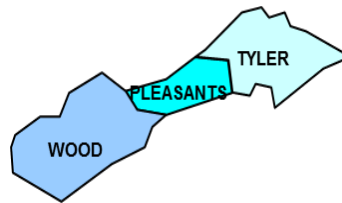
WXJ-85 Clarksburg 162.550



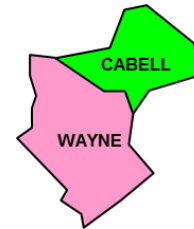
WXM-70 Garfield 162.500



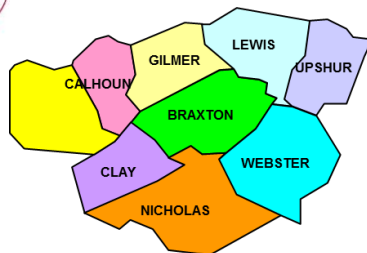
WXM-75 Gilbert 162.475



WNG-734 Marietta, OH 162.400



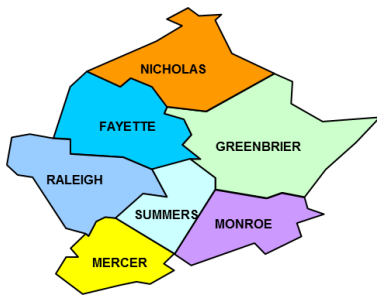
KIH-39 Ashland, KY 162.550



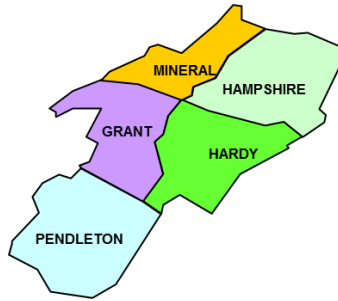
WXM-74 Sutton 162.450



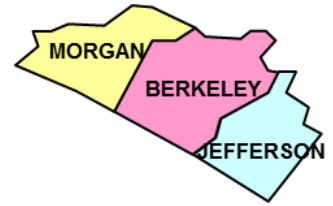
WEATHER RADIO FREQUENCY COVERAGE
 Provided by NWS Blacksburg, Sterling and Pittsburgh



WXM-72 Hinton 162.425



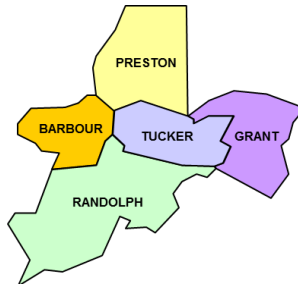
WXM-73 Moorefield 162.400



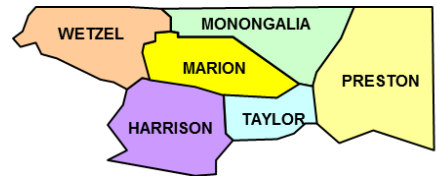
WXM-42 Hagerstown, MD 162.475



KH-35 Pittsburgh, PA 162.550



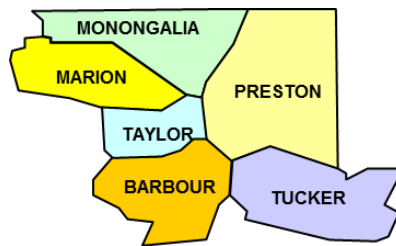
KXI-73 Parsons 162.450



KWN-35 Morgantown 162.475



WWF-35 Bridgeport, OH 162.525



KWN-36 Gregg Knob 162.500



NOAA Weather Radio, The Voice of NOAA's National Weather Service

Annex B West Virginia Cities and Monitoring Plan

West Virginia Cities and Monitoring Plan:

1. Charleston-Primary
WCHS AM 580 & WKAZ-AM 680
WVAF FM 96.1 & WVAF FM 99.9

State Relays (SR):

2. Huntington monitors Charleston (any two of 4 stations WCHS/WKAZ/WVAF/WKWS)
WRVC AM 930 WDGG FM 93.7
3. Beckley monitors Charleston WVAF or WKWS
WJLS AM/FM - 560 / 99.5
4. Summerville monitors Charleston WVAF or WKWS
WCWV FM 92.9
5. Bluefield/Princeton monitors Beckley WJLS AM FM
WHIS AM 1440 / WHAJ FM 104.5
6. Lewisburg monitors Beckley WJLS AM/FM
WRON AM 1400 / WRON FM 103.1
7. Logan monitors Huntington WKWS or WDGG
WVOW AM 1290 WVOW FM 101.9
8. Parkersburg monitors Charleston WVAF/WKWS or WQBE and/or MetroNews Net-1
WXIL FM 95.1 WVNT AM 1230
9. Clarksburg monitors Morgantown WAJR, WVAQ, WBRB and MetroNews Net-1
WWLW FM 106.5 WBRB FM 101.3
10. Morgantown monitors Clarksburg WWLW and MetroNews Net-1
WVAQ FM 101.9 WAJR AM 1440
11. Elkins monitors Clarksburg WWLW and MetroNews Net-1
WDNE AM 1240 / WDNE FM 98.9

Note: 12, 13, 14 must be satellite fed; can't monitor other stations

12. Wheeling monitors MetroNews Net-1 satellite (phone lines backup) & WAJR WVAQ Morgantown
WWVA AM 1170 / WOVK FM 98.7
13. Petersburg monitors MetroNews Net-1 satellite & WFRB/WKGO, Cumberland, MD
WKLP AM 1390 / WQZK FM 94.1
14. Martinsburg monitors MetroNews Net-1 satellite
WEPM AM 1340 / WLTF FM

West Virginia State Relay Network

State Primary Source(s)

Charleston	WKAZ AM	680
Charleston	WCHS AM	580
Charleston	WKWS FM	96.1
Charleston	WVAF FM	99.9

State Relay Source(s)

Beckley	WJLS AM	560
Beckley	WJLS FM	99.5
Bluefield	WHAJ FM	104.5
Bluefield	WKEZ FM	1240
Bluefield	WHIS AM	1440
Buckhannon	WBRB FM	101.3
Clarksburg	WLWW FM	106.5
Charleston	WKAZ AM	680
Charleston	WCHS AM	580
Charleston	WKWS FM	96.1
Charleston	WVAF FM	99.9
Cowen	WKQV FM	105.5
Elizabeth	WXIL FM	95.1
Elkins	WDNE AM	1240
Elkins	WDNE FM	99.3
Huntington	WRVC AM	930
Huntington	WDGG FM	93.7
Keyser	WKLP AM	1390
Keyser	WQZK FM	94.1
Logan	WVOW AM	1290
Logan	WVOW FM	101.9
Martinsburg	WEPM AM	1340
Martinsburg	WLTF FM	97.5
Morgantown	WAJR AM	1440
Morgantown	WVAQ FM	101.9
Parkersburg	WVNT AM	1230
Ronceverte	WRON AM	1400
Ronceverte	WRON FM	103.1
Sutton	WDBS FM	97.1
Welch	WELC AM	1150
Wheeling	WOVK FM	98.7
Wheeling	WWVA AM	1170

Local Primary Source(s)-1

Beckley	WJLS AM	560
Beckley	WJLS FM	99.5
Berkeley Springs	WCST AM	1010
Berkeley Springs	WDHC FM	93.5
Bluefield	WHAJ FM	104.5
Bluefield	WKEZ AM	1240
Bluefield	WHIS AM	1440
Buckhannon	WBRB FM	101.3
Buckhannon	WBUC AM	1460
Charles Town	WMRE AM	1550
Charleston	WKAZ AM	680
Charleston	WCHS AM	580
Charleston	WKWS FM	96.1
Charleston	WVAF FM	99.9
Clarksburg	WWLW FM	106.5
Elkins	WDNE AM	1240
Elkins	WDNE FM	99.3
Fairmont	WRLF FM	94.3
Fairmont	WTCS AM	1490
Fisher	WELD AM	690
Fisher	WQWV FM	103.7
Frost	WVMR AM	1370
Grafton	WDKL FM	95.9
Hillsboro	WVMR FM	91.9
Huntington	WRVC AM	930
Huntington	WDGG FM	93.7
Keyser	WKLP AM	1390
Keyser	WQZK FM	94.1
Kingwood	WFSP AM	1560
Kingwood	WFSP FM	107.7
Logan	WVOW AM	1290
Logan	WVOW FM	101.9
Martinsburg	WEPM AM	1340
Martinsburg	WLTF FM	97.5
Morgantown	WAJR AM	1440
Morgantown	WVAQ FM	101.9
Moundsville	WQRY FM	96.5
Mullens	WKQR FM	92.7
New Martinsville	WETZ AM	1330

Local Primary Source(s)-1

Parkersburg	WVNT AM	1230
Parkersburg	WXIL FM	95.1
Petersburg	WEID FM	101.7
Ridgeley	WDYK FM	100.5
Ronceverte	WRON AM	1400
Ronceverte	WRON FM	103.1
Sutton	WDBS FM	97.1
Weston	WFBY FM	102.3
Wheeling	WOVK FM	98.7
Wheeling	WWVA AM	1170
Wheeling	WKWK FM	97.3
Williamson	WBTH AM	1400
Williamson	WXCC FM	96.5

Local Primary Source(s) – 2

Barrackville	WFGM FM	93.1
Beckley	WCIR FM	103.7
Bluefield	WKEZ AM	1240
Charleston	WVTS AM	950
Charleston	WQBE FM	97.5
Craigsville	WSWW FM	95.7
Fairmont	WKKW FM	97.9
Fairmont	WMMN AM	920
Fairmont	WRLF FM	94.3
Grafton	WVUS AM	1190
Huntington	WPBY TV	DTCH 33
Huntington	WVHU AM	800
Keyser	WCBC FM	107.1
Matewan	WHJC AM	1360
Matewan	WVKM FM	106.7
Milton	WAMX FM	106.3
Morgantown	WCLG AM	1300
Morgantown	WCLG FM	100.1
Mount Hope	WTNJ FM	105.9
Oak Hill	WAXS FM	94.1
Parkersburg	WGGE FM	99.1
Parkersburg	WADC AM	1050
Parkersburg	WHBR FM	103.1
Princeton	WKOY FM	100.9

Local Primary Source(s) – 2

Ridgeley	WDYK FM	100.5
Romney	WVMD FM	100.1
Salem	WAJR FM	103.3
S. Charleston	WYNL FM	94.5
Summersville	WCWV FM	92.9
Sutton	WSGB AM	1490
Wheeling	WEGW FM	107.5
Wheeling	WKKX AM	1600

ANNEX C

State EAS Broadcast Station Monitoring Information

Cities of Licensure are in Annex H

Information regarding broadcast stations is included for the following:

- **West Virginia Radio Stations**
- **West Virginia Television Stations**
- **West Virginia College Radio Stations**
- **West Virginia Public Radio and Television Stations**
- **West Virginia Cable Systems**

Where two or more monitored sources are listed for a receiving station, said station shall utilize the two best signals for monitoring purposes and have it visually posted next to the EAS receiver, in addition to the mandated NWS source.

Clustered AM/FM Stations

All stations that are clustered in one location may use a common EAS Endec unit for receive/re-transmit EAS messages, providing that all stations are licensed in the same operational area. In the event that any station(s) in a cluster is licensed in another operational area, or is assigned to receive a station from, or transmit to another operational area, **MUST** incorporate its own Endec system. A notice stating different monitoring assignments must be posted at or near the stations EAS equipment.

West Virginia Radio Stations

<u>Physical Location</u>	<u>Station</u>	<u>Frequency</u>	<u>EAS Designation</u>	<u>Monitoring Station</u>	<u>24 Hour Station Telephone</u>
Barrackville	WFGM FM	93.1	PN	1440/101.9	304 252 8380
Beckley	WCIR FM	103.7	LP-2	560 / 99.5	304 252-8380
Beckley	WWNR AM	620	PN	560 / 99.5	304 252 8380
Beckley	WBKW AM	1070	PN	560 / 99.5	304 252 8380
Beckley	WJLS AM	560	LP-1/SR	580 / 99.9	304 253-7311
Beckley	WJLS FM	99.5	LP-1/SR	580 / 99.9	304 253-9557
Beckley	WVBY FM	91.7	PN	560 / 99.5	304 558-3000
Berkeley Sp.	WCST AM	1010	LP-1	1340 / 94.1	304 258-1010
Berkeley Sp.	WDHC FM	93.5	LP-1	1340 / 94.1	304 258 1010
Bluefield	WHIS AM	1440	SR	560 / 99.5	304 325-5104
Bluefield	WHAJ FM	104.5	LP-1	560 / 99.5	304 325-2250
Bluefield	WKEZ AM	1240	LP-2	1440 / 104.5	304 327-8000
Bluefield	WVBL FM	88.5	PN	1440 / 104.5	304 558-3000
Bridgeport	WETT FM	104.1	PN	106.5 / 101.3	304 842-8644
Buckhannon	WBTQ FM	93.5	PN	106.5 / 101.3	304 623-6546
Buckhannon	WBUC AM	1460	LP-1	106.5 / 101.3	304 623-6546
Buckhannon	WBRB FM	101.3	LP-1	106.5 / 98.9	304-623-6546
Buckhannon	WVPW FM	88.9	PN	106.5 / 101.3	304 558-3000
Charles Town	WMRE AM	1550	LP-1	1340 / 97.5 / MetroNews Net-1	304 725-0402
Charleston	WCHS AM	580	LP-1/SR	950 / 97.5	304 342-8131
Charleston	WKWS FM	96.1	LP-1/SR	950 / 97.5	304-342-8131
Charleston	WKAZ AM	680	LP-1/SR	950 / 97.5	304-342-8131
Charleston	WVAF FM	99.9	LP-1SR	950 / 97.5	304-342-8131
Charleston	WKAZ FM	107.3	PN	950 / 97.5	304-342-8131
Charleston	WRVZ FM	98.7	PN	950 / 97.5	304-342-8131
Charleston	WSWW AM	1490	PN	950 / 97.5	304-342-8131
Charleston	WVSR FM	102.7	PN	580 / 99.9	304 343-7080
Charleston	WYNL FM	94.5	PN	580 / 680 / 96.1/ 99.9	304 342-3138
Charleston	WBES AM	1240	PN	580 / 99.9	304-342-3138

<u>Physical Location</u>	<u>Station</u>	<u>Frequency</u>	<u>EAS Designation</u>	<u>Monitoring Station</u>	<u>24 Hour Station Telephone</u>
Charleston	WVTS AM	950	LP-2	580 /99.9	304-342-3138
Charleston	WQBE FM	97.5	LP-2	580 / 99.9	304-342-3138
Charleston	WXAF FM	90.9	PN	580 / 680 / 99.9 / 96.1	614 867-5333
Charleston	WVPB FM	88.5	PN	96.1 / 99.9	304 558-3000
Clarksburg	WPDX AM	750	PN	106.5 / 101.3	304 624-3425
Clarksburg	WPDX FM	104.9	PN	106.5 / 101.3	304-363-8888
Clarksburg	WWLW FM	106.5	SR	WVAQ101.9 / MetroNews Net-1	304 363-8888
Clarksburg	WXKX AM	1340	PN	106.5 / 101.3	304 363-8888
Clarksburg	WGIE FM	92.7	PN	106.5 / 101.3	304 363-8888
Clarksburg	WRLF FM	94.3	LP-2	1440 / 101.9	304 366-3700
Clarksburg	WCKU FM	90.1	PN	102.3/103.3	916 251-1600
Cowen	WKQV FM	105.5	PN	92.9 / 101.3	304 765-7373
Craigsville	WSWW FM	95.7	LP-2	97.1 / MetroNews Net-1	304 872-6403
Danville	WZAC FM	92.5	PN	580 / 96.1 / 99.9	304 369-5201
Dunbar	WLUX AM	1450	PN	580 / 96.1 / 99.9	304 344-4531
Dunmore	WVMR AM	1370	LP-1	1400 / 97.7	304 799-6004
Elizabeth	WXIL FM	95.1	SR LP-1	96.1 / 99.9 / MetroNews Net-1	304 485-1230
Elkins	WDNE AM	1240	LP-1	101.3 / 106.5 / MetroNews Net 1	304 636-1300
Elkins	WDNE FM	99.3	LP-1	101.3 / 106.5 / MetroNews Net 1	304-636-1300
Elkins	WELK FM	94.7	PN	101.3 / 106.5 / MetroNews Net 1	304-636-1300
Fairmont	WTCS AM	1490	LP-1	1440 / 101.9	304 366-3700
Fairmont	WMMN AM	920	LP-2	1440 / 101.9	304 366-3700
Fairmont	WKKW FM	97.9	LP-2	106.5 / MetroNews Net-1	304-296-0029
Fairmont	WRLF FM	94.3	LP-2	1440 / 101.9	304 366-3700
Fayetteville	WVBD FM	100.7	PN	92.9 / 99.5	304 765-7373
Fisher	WQWV FM	103.7	LP-1	101.7 / MetroNews Net 1	304 538 6062
Fisher	WELD AM	690	LP-1	94.1 / MetroNews Net 1	304 538-6062
Fort Gay	WFGH FM	90.7	PN	930 / 93.7	304 648-5752
Green Valley	WAMN AM	1050	PN	99.5 / 104.5	304 327-9266
Glenville	WVRW FM	107.7	PN	106.5 / 101.3	304 269 5555

<u>Physical Location</u>	<u>Station</u>	<u>Frequency</u>	<u>EAS Designation</u>	<u>Monitoring Station</u>	<u>24 Hour Station Telephone</u>
Grafton	WDKL FM	95.9	PN	102.3/103.3	916 251-1600
Grafton	WVUS AM	1190	LP-2	106.5 / 101.9	304 265 2200
Hillsboro	WVMR FM	91.9	LP-1	1400 / 97.7	304 799-6004
Hinton	WMTD AM	1380	PN	560 / 99.5	304 466 1380
Hinton	WMTD FM	102.3	PN	560/99.5	304 466-1380
Huntington	WTCR FM	103.3	LP-2	930 / 93.7	304 713-2240
Huntington	WVHU AM	800	LP-2	930 / 93.7	304 713-2240
Huntington	WKEE FM	100.5	LP-2	930 / 93.7	304 713-2240
Huntington	WEMM AM	1200	PN	930 / 93.7	304 525-5141
Huntington	WAMX FM	106.3	LP-2	930 / 93.7	304 713-2240
Huntington	WRVC AM	930	SR LP-1	580 / 96.1 / 99.9	304 522-8343
Huntington	WDGG FM	93.7	SR LP-1	580 /96.1 / 99.9	304 522-8343
Huntington	WEMM FM	107.9	PN	930 / 93.7	304 522-9366
Hurricane	WMUX AM	1110	PN	580/96.1/99.9	304 344 4531
Kenova	WTCR AM	1420	PN	930 / 93.7	304 713-2240
Keyser	WKLP AM	1390	SR LP-1	MetroNews Net-1	301 759-1005
Keyser	WQZK FM	94.1	SR LP-1	MetroNews Net 1	301 759-1005
Keyser	WCBC FM	107.1	LP-2	1390 / 94.1	301 724-5000
Kingwood	WKMM FM	96.7	PN	1440 / 101.9	304 362-0418
Kingwood	WFSP AM	1560	LP-1	1440 / 101.9	304 329-1780
Kingwood	WFSP FM	107.7	LP-1	1440 & 101.9	304 329-1780
Lewisburg	WKCJ FM	103.1	PN	1400 / 97.7	304 645-5483
Lewisburg	WRLB FM-1	95.3	PN	1400 / 97.7	304-392-6003
Logan	WVOW AM	1290	LP-1	93.7 / 96.1	304 752-5080
Logan	WVOW FM	101.9	LP-1	93.7 / 96.1	304 752-5080
Lost Creek	WHAW AM	980	PN	101.3 / 106.5	304 745 4243
Mannington	WGYE FM	102.7	PN	1440 / 101.9	304 363-8888
Marmet	WKVW FM	93.3	PN	580 / 99.9	304 442-5200
Martinsburg	WEPM AM	1340	SR LP-1	94.1 / MetroNews Net-1	304 263-8868
Martinsburg	WLTF FM	97.5	SR LP-1	94.1 / MetroNews Net-1	304 263-8868

<u>Physical Location</u>	<u>Station</u>	<u>Frequency</u>	<u>EAS Designation</u>	<u>Monitoring Station</u>	<u>24 Hour Station Telephone</u>
Martinsburg	WRNR AM	740	PN	1340 / 97.5	304 263-6586
Matewan	WHJC AM	1360	LP-2	1290 / 101.9	304 427-7260
Matewan	WVKM FM	106.7	LP-2	1290 & 101.9	304 427 7260
Milton	WZZW AM	1600	PN	930 / 93.7	304 525-4277
Montgomery	WMON AM	1340	PN	580 / 99.9	304 442-5200
Montgomery	WNUX FM	89.7	PN	96.1 / 99.9	304 344-4531
Morgantown	WCLG AM	1300	LP-2	1440 / 101.9	304 296-6666
Morgantown	WCLG FM	100.1	LP-2	1440 & 101.9	304 296 6666
Morgantown	WAJR AM	1440	SR LP-1	106.5 / MetroNews Net-1	304 296-0029
Morgantown	WVAQ FM	101.9	SR LP-1	106.5 / MetroNews Net-1	304-296-0029
Moundsville	WQRY FM	96.5	LP-1	1170 / 98.7	304 845-1052
Moundsville	WVLY AM	1370	PN	1170 / 98.7	304 233-5275
Moundsville	WULV FM	88.7	PN	96.5 / 107.5	916 251-1600
Mount Hope	WTNJ FM	105.9	LP-2	104.5 / 99.5	304 877-5592
Mullens	WKQR FM	92.7	PN	560 / 99.5	304 294-4405
New Martinsville	WETZ AM	1330	LP 1	1170 / 98.7	304 455-1111
New Martinsville	WXCR FM	92.3	PN	1230 / 95.1	740 568-8170
New Martinsville	WYMJ FM	99.5	LP-2	1170 / 98.7	304 455-1111
Oak Hill	WOAY AM	860	PN	560 / 99.5	304 465-0534
Oak Hill	WAXS FM	94.1	LP-2	560 / 99.5	304 465 0534
Parkersburg	WRZZ FM	106.1	PN	1230 / 95.1	304 485-1230
Parkersburg	WVNT AM	1230	SR LP-1	96.1 / 99.9 / MetroNews Net 1	304 485-1230
Parkersburg	WHBR FM	103.1	LP-2	1230 / 95.1	304 485-1230
Parkersburg	WADC AM	1050	LP-2	1230 / 95.1	304 485-1230
Parkersburg	WGGE FM	99.1	LP-2	1230 / 95.1	304 485-1230
Parkersburg	WVPG FM	90.3	PN	1230 / 95.1	304 558-3000
Petersburg	WELD FM	101.7	LP-1	1390 / 94.1	304 538-6062
Philippi	WQAB FM	91.3	PN	101.3 / 106.5	304 457-6281
Pineville	WWYO AM	970	PN	560 / 99.5	304 732-8552
Point Pleasant	WBGs AM	1030	PN	930 / 93.7	304 675-2763

<u>Physical Location</u>	<u>Station</u>	<u>Frequency</u>	<u>EAS Designation</u>	<u>Monitoring Station</u>	<u>24 Hour Station Telephone</u>
Point Pleasant	WBYG AM	99.5	PN	930 / 93.7	304 675-7039
Princeton	WAEY AM	1490	PN	1440 / 104.5	304 425-2151
Princeton	WAEY FM	95.9	PN	1440 / 104.5	304 425 2151
Princeton	WKOY FM	100.9	LP 2	1440 / 104.5	304 425 2151
Princeton	WSTG FM	95.9	PN	1440 / 104.5	304 425 2151
Rainelle	WRRM AM	1130	PN	1400 / 97.7	304 438-7811
Rainelle	WRLB FM	95.3	PN	1400 & 97.7	304 392 6003
Ravenswood	WMOV AM	1360	PN	96.1 / 99.9	304 273-2544
Richwood	WVAR AM	600	PN	92.9 / Metronews Net-1	304 765-7373
Ridgeley	WDYK FM	100.5	LP-2	94.1 / MetroNews Net-1	301-759-1005
Ridgeley	WQZK FM -1	94.1	SR LP1	Metronews Net-1	301-759-1005
Ripley	WCEF FM	98.3	PN	96.1 / 99.9	304 372-9800
Ripley	WLKV FM	90.7	PN	95.1/99.1	916 251-1600
Romney	WVMD FM	100.1	PN	94.1 / 100.5	301 759-1005
Ronceverte	WRON AM	1400	SR LP-1	560 / 99.5	304 645-1400
Ronceverte	WRON FM	103.1	SR LP-1	560 / 99.5	304 645-1400
Rupert	WYKM AM	1250	PN	1400 / 97.7	304 392-6003
Salem	WOBG FM	105.7	PN	106.5 / 101.3	304 363-8888
Salem	WAJR FM	103.3	LP-2	101.9 / MetroNews Net-1	304-623-6546
S. Charleston	WSCW AM	1410	PN	96.1 / 99.9	304 684-3400
S. Charleston	WMXE FM	100.9	PN	96.1 99.9	304 684-3400
S. Charleston	WWLA FM	89.3	PN	96.1/99.9	916 251-1600
S. Charleston	WYNL FM	94.5	LP-2	96.1 / 99.9	304 342-3136
Spencer	WVRC AM	1400	PN	96.1 / 99.9	304 927-3760
Spencer	WVRC FM	104.7	PN	96.1 / 99.9	304 927-3760
St. Albans	WJYP AM	1300	PN	580 / 680 / 96.1 / 99.9	304 684-3400
St. Albans	WKLC FM	105.1	PN	580 / 680 / 96.1 / 99.9	304 684-3400
St. Marys	WJAW AM	630	PN	1230 / 95.1	740 373-1490
St. Marys	WRRR FM	93.9	PN	1230 / 95.1	304 684-3400
St. Marys	WOUX FM	105.3	PN	95.1/1230	304 344-4531

<u>Physical Location</u>	<u>Station</u>	<u>Frequency</u>	<u>EAS Designation</u>	<u>Monitoring Station</u>	<u>24 Hour Station Telephone</u>
Star City	WLOL FM	89.7	PN	1440 / 101.9	304 296-6666
Summersville	WCWV FM	92.9	SR/LP-1	99.9 / 96.1	304 765-7373
Summersville	WMLJ FM	90.5	PN	92.9 / 99.9	304 872 5202
Sutton	WSGB AM	1490	LP-2	92.9 / 101.3	304 765-7373
Sutton	WDBS FM	97.1	LP-2	92.9 / 101.3	304 765-7373
Vienna	WDMX FM	100.1	PN	1230 / 95.1	304 713-2240
Vienna	WNRJ FM	103.9	PN	1230 / 95.1	304 713-2240
Wardensville	WTCF FM	103.3	PN	101.7 / 100.5	916 251-1600
Webster Springs	WAFD FM	100.3	PN	92.9 / 101.3	304 765-7373
Weirton	WEIR AM	1430	PN	98.7 / 107.5	740 317-1837
Welch	WELC AM	1150	PN	99.5 / 104.5	304 436-2131
Weston	WFBY FM	102.3	LP-1	101.9 / MetroNews Net-1	304 623-6546
Weston	WOTR FM	96.3	PN	101.3 / 106.5	304 745-4243
Westover	WZST FM	100.9	PN	1440 / 101.9	304 292-1101
Wheeling	WWVA AM	1170	SR LP-1	MetroNews Net-1	513-245-8817
Wheeling	WVOK FM	98.7	SR LP-1	MetroNews Net-1	513-245-8817
Wheeling	WVKF FM	105.5	PN	1170 / 98.7	513-245-8817
Wheeling	WKKX AM	1600	PN	1170 / 98.7	304 233-5275
Wheeling	WEGW FM	107.5	LP-2	1170 & 98.7	513-245-8817
Wheeling	WBBD AM	1400	PN	1170 / 98.7	513-245-8817
Wheeling	WKWK FM	97.3	LP-1	MetroNews Net-1	513-245-8817
Wheeling	WVNP FM	89.9	PN	1170 / 98.7	304 558-3000
White Sulphur Springs	WSLW AM	1310	PN	1400 / 97.7	304 536-1310
White Sulphur Springs	WKCJ FM	103.1	PN	1400 / 97.7	304 536 1310
Williamson	WBTH AM	1400	LP-1	93.7 / 101.9	304 235-3600
Williamson	WXCC FM	96.5	LP-1	930 & 101.9	304 235-3600
Williamstown	WVVV FM	96.9	PN	1230 / 95.1	304 295-5133

West Virginia Television Stations

<u>City of Licensure</u>	<u>Station</u>	<u>Channel</u>	<u>Physical Location</u>	<u>Monitoring/Station Location</u>	<u>24 Hour Telephone</u>	<u>Station Telephone</u>
Bluefield	WVVA	6	Bluefield	WHIS WHAJ Bluefield 1440 & 104.5	304 327-5243	304 325-5487
Bluefield	WLFB	40	Bluefield	WHIS WHAJ Bluefield 1440 & 104.5	276 676-3806	276 676-3806
Charleston	WCHS	8	Charleston	WCHS WVAF Charleston 580 & 99.9	304 345-5375	304 346-5358
Charleston	WLPX	29	Hurricane	WCHS WVAF Charleston 580 & 99.9	304 760-1029	304 760-1029
Charleston	WVAH	11	Charleston	WCHS WVAF Charleston 580 & 99.9	304 345-5375	304 346-5358
Clarksburg	WBOY	12	Clarksburg	WWLW Clarksburg 106.5 WBRB 101.3 Buckhannon	304 623-3311	304 623-3311
Clarksburg	WVFX	10	Clarksburg	WWLW Clarksburg 106.5 WBRB 101.3 Buckhannon	304 623-5783	304 623-5781
Huntington	WSAZ	3	Huntington	WRVC WDGG Huntington 930 & 93.7	304 697-4241	304 697-4780
Huntington	WOWK	13	Huntington	WRVC WDGG Huntington 930 & 93.7	304 340-0929	304 343-1313
Lewisburg	WVNS	59	Ghent	WHIS WHAJ Bluefield 1440 & 104.5	304 787-2441	304 787-5959
Martinsburg	WWPX	60	Martinsburg	WKMZ WEPM Keyser 1340 & 97.5	304 294-9960	304 264-9960
Oak Hill	WOAY	4	Oak Hill	WJLS AM FM Beckley 560 & 99.5	304 469-3361	304 469-3361
Parkersburg	WTAP	15	Parkersburg	WXIL WVNT Parkersburg	304 485-4584	304 485-4584
Portsmouth OH	WQCW	17	Portsmouth OH	WRVC WDGG Huntington 930 & 93.7	304 697-4241	304 697-4780
Weston	WDTV	5	Bridgeport	WLWW Clarksburg 106.5 WBRB 101.3 Buckhannon 95.1 & 1230	304 623-5555	304 623-5555
Wheeling	WTRF	7	Wheeling	WWVA WOVK Wheeling 1170 & 98.7	304 232-8944	304 232-7777

West Virginia College Radio Stations

<u>City of Licensure</u>	<u>Station</u>	<u>Frequency</u>	<u>College</u>	<u>EAS Designation</u>	<u>Physical Location</u>	<u>Monitoring Station/ Location</u>	<u>Station Telephone</u>
Bethany	WYZR FM	88.1	Bethany College	PN	Bethany	WWVA	304 829-7853 Wheeling
Buckhannon	WVWC FM	92.1	WV Wesleyan College	PN	Buckhannon	WBRB Buckhannon	304 473-8000 X8035
Elkins	WCDE FM	89.9	Davis & Elkins College	PN	Elkins	WDNE Elkins 98.9	304 637-1500
Huntington	WMUL FM	88.1	Marshall University	PN	Huntington	WRVC WDGG Huntington	304 696-6640
Morgantown	WVU FM	91.7	West Virginia University	PN	Morgantown	WVAQ 101.9 Morgantown	304 293-3329
Philippi	WQAB FM	91.3	Alderson Broaddus College	PN	Philippi	WWLW Clarksburg	304 457-1700 X271
Romney	WJGF FM	88.1	WV School of Deaf/Blind	PN	Romney	WEPM Martinsburg	304 822-3521
Shepherdstown	WSHC FM	89.7	Shepherd University	PN	Shepherdstown	WEPM Martinsburg	304 876-2511 X293
West Liberty	WGLZ FM	91.5	West Liberty State College	PN	West Liberty	WWVA Wheeling	304 232-1170

West Virginia Public Television Stations

<u>City of Licensure</u>	<u>Station</u>	<u>Channel</u>	<u>EAS Designation</u>	<u>Physical Location</u>	<u>Monitoring Station/Location</u>	<u>Station Telephone</u>
Grandview	WSWP TV	9	PN	Beckley	WJLS AM FM Beckley 560 & 99.5	304 255-1501
Huntington	WPVB TV	33	PN	Huntington	WRVC WDGG Huntington 930 & 93.7	304 696-6630
Morgantown	WNPB TV	24	PN	Morgantown	WVAQ 101.9	304 293-6511
See Below	*WV Public Radio		PN	Charleston	WVAF WKWS 99.9 & 96.9	304 558-3000

***Headquarters for all public stations below:**

WVBY FM	91.7	Beckley
WVBL FM	88.5	Bluefield
WVPW FM	88.9	Buckhannon
WVPB FM	88.5	Charleston
WVWV FM	89.9	Huntington
WVEP FM	88.9	Martinsburg
WVPM FM	90.9	Morgantown
WVPG FM	90.3	Parkersburg
WVDS FM	89.5	Petersburg
WVWS FM	89.3	Webster Springs
WVNP FM	89.9	Wheeling

ANNEX D
EAS Cable System

<u>Area Served</u>	<u>County</u>	<u>Provider</u>	<u>City of Licensure</u>	<u>Phone</u>
Addison	Webster	Shentel Cable	Edinburg, VA	540 984-5531
Albright	Preston	Atlantic Broadband	Johnstown, PA	724 439-3010
Alderson	Greenbrier	Suddenlink Communications	Scott Depot, WV	304 760-2026
Anawalt	McDowell	Shentel Cable	Edinburg, VA	540 984-5531
Anmoore	Harrison	Time Warner	Cincinnati, OH	304 326-6235
Ansted	Fayette	Shentel Cable	Edinburg, VA	540 984-5531
Athens	Mercer	Suddenlink Communications	Scott Depot, WV	304 760-2026
Augusta	Hampshire	Comcast	Greensburg, PA	724 219-2519
Bancroft	Putnam	Comcast	Greensburg, PA	724 219-2519
Barbour County	Barbour	Philippi Communications	Philippi, WV	304 457-3700
Barbour County	Barbour	Shentel Cable	Edinburg, VA	540 984-5531
Barbour County	Barbour	Suddenlink Communications	Scott Depot, WV	304 760-2026
Barboursville	Cabell	Comcast	Lynchburg, VA	866 639-1274
Barboursville	Cabell	Suddenlink Communications	Scott Depot, WV	304 760-2026
Barrackville	Marion	Time Warner	Cincinnati, OH	304 326-6235
Bath	Hardy	Comcast	Lynchburg, VA	866 639-1274
Bayard	Grant	Shentel Cable	Edinburg, VA	540 984-5531
Beckley	Raleigh	Suddenlink Communications	Scott Depot, WV	304 760-2026
Beech	Greenbrier	Centre TV	Wheeling, WV	304 277-2811
Beech Bottom	Brooke	Blue Devil Cable	Toronto, OH	740 537-2848
Belington	Barbour	Shentel Cable	Edinburg, VA	540 984-5531
Belle	Kanawha	Suddenlink Communications	Scott Depot, WV	304 760-2026
Belmont	Pleasants	Suddenlink Communications	Scott Depot, WV	304 760-2026
Benwood	Marshall	Comcast Communications	Pittsburgh, PA	412 875-1233
Berkeley County	Berkeley	Comcast Communications	Winchester, VA	540 639-0946
Bethany	Brooke	Comcast Communications	Pittsburgh, PA	412 875-1233
Bethlehem	Ohio	Comcast Communications	Pittsburgh, PA	412 875-1233
Beverly	Randolph	Suddenlink Communications	Scott Depot, WV	304 760-2026
Blacksville	Monongalia	Zito Media	Coudersport, PA	304 445-5334
Bluefield	Mercer	Comcast Communications	Lynchburg, VA	866 639-1274
Bolivar	Jefferson	Comcast Communications	Winchester, VA	540 639-0946
Boone County	Boone	Colane Cable	Omar, WV	304 946-2871
Boone County	Boone	Suddenlink Communications	Scott Depot, WV	304 760-2026
Bradshaw	McDowell	Shentel Cable	Edinburg, VA	540 984-5531
Bramwell	Mercer	Comcast Communications	Lynchburg, VA	866 639-1274
Braxton County	Braxton	Shentel Cable	Edinburg, VA	540 984-5531
Bridgeport	Harrison	Time Warner	Cincinnati, OH	304 326-6235
Brooke County	Brooke	Blue Devil Cable	Toronto, OH	740 537-2848
Brooke County	Brooke	Centre TV, Inc	Wheeling, WV	304 277-2811

<u>Area Served</u>	<u>County</u>	<u>Provider</u>	<u>City of Licensure</u>	<u>Phone</u>
Brooke County	Brooke	Comcast Communications	Pittsburgh, PA	412 875-1233
Bruceeton Mills	Preston	Comcast Communications	Greensburg, PA	724 219-2519
Buckhannon	Upshur	Suddenlink Communications	Scott Depot, WV	304 760-2026
Buffalo	Putnam	Comcast Communications	Lynchburg, VA	866 639-1274
Burnsville	Braxton	Shentel Cable	Edinburg, VA	540 984-5531
Cabell County	Cabell	Armstrong Cable	Butler, PA	877 277-5711
Cabell County	Cabell	Comcast Communications	Lynchburg, VA	866 639-1274
Cabell County	Cabell	Suddenlink Communications	Scott Depot, WV	304 760-2026
Calhoun County	Calhoun	Shentel Cable	Edinburg, VA	540 984-5531
Camden on the Gauley	Webster	Shentel Cable	Edinburg, VA	540 984-5531
Canaan Valley	Tucker	Cable of the Carolinas, Inc	Duncan, SC	304 866-3804
Carpendale	Mineral	Atlantic Broadband (Penn)	Johnstown, PA	301 759-4806 x6
Cedar Grove	Kanawha	Suddenlink Communications	Scott Depot, WV	304 760-2026
Ceredo	Wayne	Armstrong Cable Services	Butler, PA	877 277-5711
Chapmanville	Logan	Suddenlink Communications	Scott Depot, WV	304 760-2026
Charles Town	Jefferson	Comcast Communications	Winchester, VA	540 639-0946
Charleston	Kanawha	Suddenlink Communications	Scott Depot, WV	304 760-2026
Chesapeake	Kanawha	Suddenlink Communications	Scott Depot, WV	304 760-2026
Chester	Hancock	Comcast Communications	Pittsburgh, PA	412 875-1233
Clarksburg	Harrison	Time Warner	Cincinnati, OH	304 326-6235
Clay County	Clay	Suddenlink Communications	Scott Depot, WV	304 760-2026
Clearview	Ohio	Centre TV, Inc	Wheeling, WV	304 277-2811
Clearview	Ohio	Comcast Communications	Pittsburgh, PA	412 875-1233
Clendenin	Kanawha	Suddenlink Communications	Scott Depot, WV	304 760-2026
Cowen	Webster	Shentel Cable	Edinburg, VA	540 984-5531
Danville	Boone	Suddenlink Communications	Scott Depot, WV	304 760-2026
Davis	Tucker	Atlantic Broadband (Penn)	Johnstown, PA	301 759-4806 x6
Davy	McDowell	Shentel Cable	Edinburg, VA	540 984-5531
Delbarton	Mingo	Colane Cable	Omar, WV	304 946-2871
Doddridge County	Doddridge	Armstrong Cable	Butler, PA	877 277-5711
Doddridge County	Doddridge	Shentel Cable	Edinburg, VA	540 984-5531
Dunbar	Kanawha	Suddenlink Communications	Scott Depot, WV	304 760-2026
Durbin	Pocahontas	Spruce Knob Seneca Rocks	Riverton, WV	304 668-1709
East Bank	Kanawha	Suddenlink Communications	Scott Depot, WV	304 760-2026
Eleanor	Putnam	Comcast Communications	Lynchburg, VA	866 639-1274
Elizabeth	Wirt	Suddenlink Communications	Scott Depot, WV	304 760-2026
Elk Garden	Mineral	Shentel Cable	Edinburg, VA	540 984-5531
Elkins	Randolph	Suddenlink Communications	Scott Depot, WV	304 760-2026
Ellenboro	Ritchie	Armstrong Cable	Butler, PA	877 277-5711
Fairmont	Marion	Comcast Communications	Greensburg, PA	724 219-2519
Fairmont	Marion	Time Warner	Cincinnati, OH	304 326-6235

<u>Area Served</u>	<u>County</u>	<u>Provider</u>	<u>City of Licensure</u>	<u>Phone</u>
Fairview	Marion	Atlantic Broadband (Penn)	Johnstown, PA	724 439-3010
Farmington	Marion	Suddenlink Communications	Scott Depot, WV	304 760-2026
Fayette County	Fayette	Shentel Cable	Edinburg, VA	540 984-5531
Fayette County	Fayette	Suddenlink Communications	Scott Depot, WV	304 760-2026
Fayetteville	Fayette	Suddenlink Communications	Scott Depot, WV	304 760-2026
Flatwoods	Braxton	Shentel Cable	Edinburg, VA	540 984-5531
Flemington	Taylor	Suddenlink Communications	Scott Depot, WV	304 760-2026
Follansbee	Brooke	Comcast Communications	Pittsburgh, PA	412 875-1233
Franklin	Pendleton	Shentel Cable	Edinburg, VA	540 984-5531
Ft. Gay	Wayne	Suddenlink Communications	Scott Depot, WV	304 760-2026
Gary	Jackson	Shentel Cable	Edinburg, VA	540 984-5531
Gassaway	Braxton	Shentel Cable	Edinburg, VA	540 984-5531
Gauley Bridge	Fayette	Suddenlink Communications	Scott Depot, WV	304 760-2026
Gilbert	Mingo	Colane Cable	Omar, WV	304 946-2871
Gilmer County	Gilmer	Shentel Cable	Edinburg, VA	540 984-5531
Glasgow	Kanawha	Suddenlink Communications	Scott Depot, WV	304 760-2026
Glen Dale	Marshall	Comcast Communications	Pittsburgh, PA	412 875-1233
Glenville	Gilmer	Shentell Cable	Edinburg, VA	540 984-5531
Grafton	Taylor	Comcast Communications	Greensburg, PA	724 219-2519
Grant County	Grant	C T & R Cable	Petersburg, WV	304 257-4891
Grant County	Grant	Shentel Cable	Edinburg, VA	540 984-5531
Grant County	Grant	Shentel Cable	Edinburg, VA	540 984-5531
Grant Town	Marion	Atlantic Broadband (Penn)	Johnstown, PA	724 439-3010
Grantsville	Calhoun	Shentel Cable	Edinburg, VA	540 984-5531
Granville	Monongalia	Comcast Communications	Greensburg, PA	724 219-2519
Greenbrier County	Greenbrier	Suddenlink Communications	Scott Depot, WV	304 760-2026
Hambleton	Tucker	Atlantic Broadband (Penn)	Johnstown, PA	301 759-4806 x6
Hamlin	Lincoln	Armstrong Cable	Butler, PA	877 277-5711
Hampshire County	Hampshire	Atlantic Broadband (Penn)	Johnstown, PA	301 759-4806 x6
Hancock County	Hancock	Comcast Communications	Pittsburgh, PA	412 875-1233
Handley	Kanawha	Suddenlink Communications	Scott Depot, WV	304 760-2026
Hardy County	Hardy	Atlantic Broadband (Penn)	Johnstown, PA	301 759-4806 x6
Hardy County	Hardy	C T & R Cable	Petersburg, WV	304 257-4891
Hardy County	Hardy	Hardy Telecommunications	Lost River, WV	304 897-9911
Harpers Ferry	Jefferson	Comcast Communications	Winchester, VA	540 639-0946
Harrison County	Harrison	Jones TV Cable & Satellite	Folsom, WV	304 334-6504
Harrison County	Harrison	Shentel Cable	Edinburg, VA	540 984-5531
Harrison County	Harrison	Suddenlink Communications	Scott Depot, WV	304 760-2026
Harrison County	Harrison	Time Warner	Cincinnati, OH	304 326-6235
Harrisville	Ritchie	Armstrong Cable	Butler, PA	877 277-5711
Hartford	Mason	Suddenlink Communications	Scott Depot, WV	304 760-2026

<u>Area Served</u>	<u>County</u>	<u>Provider</u>	<u>City of Licensure</u>	<u>Phone</u>
Hedgesville	Berkeley	Comcast Communications	Winchester, VA	540 639-0946
Henderson	Mason	Suddenlink Communications	Scott Depot, WV	304 760-2026
Hendricks	Tucker	Atlantic Broadband (Penn)	Johnstown, PA	301 759-4806 x6
Hillsboro	Pocahontas	Shentel Cable	Edinburg, VA	540 984-5531
Hinton	Summers	Suddenlink Communications	Scott Depot, WV	304 760-2026
Hundred	Wetzel	Zito Media	Coudersport, PA	304 445-5334
Huntington	Cabell	Comcast Communications	Lynchburg, VA	866 639-1274
Hurricane	Putnam	Suddenlink Communications	Scott Depot, WV	304 760-2026
Huttonsville	Randolph	Suddenlink Communications	Scott Depot, WV	304 760-2026
laeger	McDowell	Shentel Cable	Edinburg, VA	540 984-5531
Jackson County	Jackson	Community Antenna Service	Parkersburg, WV	304 420-2470
Jackson County	Jackson	Suddenlink Communications	Scott Depot, WV	304 760-2026
Jackson County	Jackson	Suddenlink Communications	Scott Depot, WV	304 760-2026
Jane Lew	Lewis	Shentel Cable	Edinburg, VA	540 984-5531
Jefferson County	Jefferson	Blue Devil Cable	Toronto, OH	740 537-2848
Jefferson County	Jefferson	Comcast Communications	Winchester, VA	540 639-0946
Junior	Barbour	Shentel Cable	Edinburg, VA	540 984-5531
Kanawha County	Kanawha	Suddenlink Communications	Scott Depot, WV	304 760-2026
Kenova	Wayne	Armstrong Cable	Butler, PA	877 277-5711
Kermit	Mingo	Suddenlink Communications	Scott Depot, WV	304 760-2026
Keyser	Mineral	Comcast Communications	Greensburg, PA	724 219-2519
Keystone	McDowell	Shentel Cable	Edinburg, VA	540 984-5531
Kimball	McDowell	Shentel Cable	Edinburg, VA	540 984-5531
Kingwood	Preston	Atlantic Broadband (Penn)	Johnstown, PA	724 439-3010
Lesage	Cabell	Comcast Communications	Lynchburg, VA	866 639-1274
Lester	Raleigh	Suddenlink Communications	Scott Depot, WV	304 760-2026
Lewis County	Lewis	Shentel Cable	Edinburg, VA	540 984-5531
Lewis County	Lewis	Suddenlink Communications	Scott Depot, WV	304 760-2026
Lewisburg	Greenbrier	Suddenlink Communications	Scott Depot, WV	304 760-2026
Lincoln County	Lincoln	Armstrong Cable	Butler, PA	877 277-5711
Lincoln County	Lincoln	Suddenlink Communications	Scott Depot, WV	304 760-2026
Logan	Logan	Suddenlink Communications	Scott Depot, WV	304 760-2026
Logan County	Logan	Armstrong Cable	Butler, PA	877 277-5711
Logan County	Logan	Colane Cable	Omar, WV	304 946-2871
Logan County	Logan	Suddenlink Communications	Scott Depot, WV	304 760-2026
Lost Creek	Harrison	Suddenlink Communications	Scott Depot, WV	304 760-2026
Lumberport	Harrison	Suddenlink Communications	Scott Depot, WV	304 760-2026
Mabscott	Raleigh	Suddenlink Communications	Scott Depot, WV	304 760-2026
Madison	Boone	Suddenlink Communications	Scott Depot, WV	304 760-2026
Man	Logan	Suddenlink Communications	Scott Depot, WV	304 760-2026
Mannington	Marion	Comcast Communications	Greensburg, PA	724 219-2519

<u>Area Served</u>	<u>County</u>	<u>Provider</u>	<u>City of Licensure</u>	<u>Phone</u>
Marion County	Marion	Atlantic Broadband (Penn)	Johnstown, PA	724 439-3010
Marion County	Marion	Comcast Communications	Greensburg, PA	724 219-2519
Marion County	Marion	Suddenlink Communications	Scott Depot, WV	304 760-2026
Marion County	Marion	Time Warner	Cincinnati, OH	304 326-6235
Marlinton	Pocahontas	Shentel Cable	Edinburg, VA	540 984-5531
Marmet	Kanawha	Suddenlink Communications	Scott Depot, WV	304 760-2026
Marshall County	Marshall	Comcast Communications	Pittsburgh, PA	412 875-1233
Marshall County	Marshall	Zito Media	Coudersport, PA	304 445-5334
Martinsburg	Berkeley	Comcast Communications	Winchester, VA	540 639-0946
Mason	Mason	Suddenlink Communications	Scott Depot, WV	304 760-2026
Mason County	Mason	Community Antenna Service	Parkersburg, WV	304 420-2470
Mason County	Mason	Suddenlink Communications	Scott Depot, WV	304 760-2026
Masontown	Preston	Atlantic Broadband (Penn)	Johnstown, PA	724 439-3010
Matewan	Mingo	Inter Mountain Cable	Harold, KY	606 479-6503
Matoaka	Mercer	Suddenlink Communications	Scott Depot, WV	304 760-2026
McDowell County	McDowell	Shentel Cable	Edinburg, VA	540 984-5531
McMechen	Marshall	Comcast Communications	Pittsburgh, PA	412 875-1233
Mercer County	Mercer	Comcast Communications	Lynchburg, VA	866 639-1274
Mercer County	Mercer	Shentel Cable	Edinburg, VA	540 984-5531
Mercer County	Mercer	Suddenlink Communications	Scott Depot, WV	304 760-2026
Middlebourne	Tyler	Middlebourne TV Cable	Jerusalem, OH	740 926-1742
Mill Creek	Randolph	Suddenlink Communications	Scott Depot, WV	304 760-2026
Milton	Cabell	Suddenlink Communications	Scott Depot, WV	304 760-2026
Mineral County	Mineral	Atlantic Broadband (Penn)	Johnstown, PA	724 439-3010
Mineral County	Mineral	Comcast Communications	Greensburg, PA	724 219-2519
Mineral County	Mineral	Shentel Cable	Edinburg, VA	540 984-5531
Mingo County	Mingo	Colane Cable	Omar, WV	304 946-2871
Mingo County	Mingo	Inter Mountain Cable Inc	Harold, KY	606 479-6503
Mingo County	Mingo	Suddenlink Communications	Scott Depot, WV	304 760-2026
Mitchell Heights	Logan	Suddenlink Communications	Scott Depot, WV	304 760-2026
Monongah	Marion	Comcast Communications	Greensburg, PA	724 219-2519
Monongalia County	Monongalia	Atlantic Broadband (Penn)	Johnstown, PA	724 439-3010
Monongalia County	Monongalia	Comcast Communications	Greensburg, PA	724 219-2519
Monongalia County	Monongalia	Zito Media	Coudersport, PA	304 445-5334
Monroe County	Monroe	Suddenlink Communications	Scott Depot, WV	304 760-2026
Montgomery	Fayette	Suddenlink Communications	Scott Depot, WV	304 760-2026
Montrose	Randolph	Suddenlink Communications	Scott Depot, WV	304 760-2026
Moorefield	Hardy	Atlantic Broadband (Penn)	Johnstown, PA	301 759-4806 x6
Moorefield	Hardy	Hardy Telecommunications	Lost River, WV	304 897-9911
Morgan County	Morgan	Comcast Communications	Winchester, VA	540 639-0946
Morgantown	Monongalia	Comcast Communications	Greensburg, PA	724 219-2519

<u>Area Served</u>	<u>County</u>	<u>Provider</u>	<u>City of Licensure</u>	<u>Phone</u>
Moundsville	Marshall	Comcast Communications	Pittsburgh, PA	412 875-1233
Mount Hope	Fayette	Suddenlink Communications	Scott Depot, WV	304 760-2026
Mullens	Wyoming	Shentel Cable	Edinburg, VA	540 984-5531
New Cumberland	Hancock	Comcast Communications	Pittsburgh, PA	412 875-1233
New Haven	Mason	Suddenlink Communications	Scott Depot, WV	304 760-2026
New Martinsville	Wetzel	Suddenlink Communications	Scott Depot, WV	304 760-2026
Newburg	Preston	Atlantic Broadband (Penn)	Johnstown, PA	301 759-4806 x6
Nicholas County	Nicholas	Shentel Cable	Edinburg, VA	540 984-5531
Nicholas County	Nicholas	Suddenlink Communications	Scott Depot, WV	304 760-2026
Nitro	Kanawha	Suddenlink Communications	Scott Depot, WV	304 760-2026
North Hills	Wood	Suddenlink Communications	Scott Depot, WV	304 760-2026
Northfork	McDowell	Shentel Cable	Edinburg, VA	540 984-5531
Nutter Fort	Harrison	Time Warner	Cincinnati, OH	304 326-6235
Oak Hill	Fayette	Suddenlink Communications	Scott Depot, WV	304 760-2026
Oceana	Wyoming	Shentel Cable	Edinburg, VA	540 984-5531
Ohio County	Ohio	Centre TV Inc	Wheeling, WV	304 277-2811
Ohio County	Ohio	Comcast Communications	Pittsburgh, PA	412 875-1233
Paden City	Tyler	Suddenlink Communications	Scott Depot, WV	304 760-2026
Parkersburg	Wood	Community Antenna Service	Parkersburg, WV	304 420-2470
Parkersburg	Wood	Suddenlink Communications	Scott Depot, WV	304 760-2026
Parsons	Tucker	Atlantic Broadband (Penn)	Johnstown, PA	301 759-4806 x6
Paw Paw	Morgan	Atlantic Broadband (Penn)	Johnstown, PA	301 759-4806 x6
Pax	Fayette	Suddenlink Communications	Scott Depot, WV	304 760-2026
Pendleton County	Pendleton	Shentel Cable	Edinburg, VA	540 984-5531
Pendleton County	Pendleton	Spruce Knob Seneca Rocks	Riverton, WV	304 668-1709
Pennsboro	Ritchie	Armstrong Cable	Butler, PA	877 277-5711
Petersburg	Grant	Shentel Cable	Edinburg, VA	540 984-5531
Peterstown	Grant	Suddenlink Communications	Scott Depot, WV	304 760-2026
Philippi	Barbour	Philippi Communications	Philippi, WV	304 457-3700
Piedmont	Mineral	Comcast Communications	Greensburg, PA	724 219-2519
Pine Grove	Wetzel	Zito Media	Coudersport, PA	304 445-5334
Pineville	Wyoming	Shentel Cable	Edinburg, VA	540 984-5531
Pleasant Valley	Marion	Comcast Communications	Greensburg, PA	724 219-2519
Pleasant Valley	Marion	Time Warner	Cincinnati, OH	304 326-6235
Pleasants County	Pleasants	Armstrong Cable	Butler, PA	877 277-5711
Pleasants County	Pleasants	Suddenlink Communications	Scott Depot, WV	304 760-2026
Poca	Putnam	Comcast Communications	Lynchburg, VA	866 639-1274
Pocahontas County	Pocahontas	Shentel Cable	Edinburg, VA	540 984-5531
Pocahontas County	Pocahontas	Spruce Knob Seneca Rocks	Riverton, WV	304 668-1709
Point Pleasant	Mason	Suddenlink Communications	Scott Depot, WV	304 760-2026
Pratt	Kanawha	Suddenlink Communications	Scott Depot, WV	304 760-2026

<u>Area Served</u>	<u>County</u>	<u>Provider</u>	<u>City of Licensure</u>	<u>Phone</u>
Preston County	Preston	Atlantic Broadband (Penn)	Johnstown, PA	724 439-3010
Preston County	Preston	Comcast Communications	Greensburg, PA	724 219-2519
Preston County	Preston	Community Antenna Service	Parkersburg, WV	304 420-2470
Princeton	Mercer	Suddenlink Communications	Scott Depot, WV	304 760-2026
Putnam County	Putnam	Suddenlink Communications	Scott Depot, WV	304 760-2026
Putnam County	Putnam	Comcast Communications	Lynchburg, VA	866 639-1274
Quinwood	Greenbrier	Suddenlink Communications	Scott Depot, WV	304 760-2026
Rainelle	Greenbrier	Suddenlink Communications	Scott Depot, WV	304 760-2026
Raleigh County	Raleigh	Shentel Cable	Edinburg, VA	540 984-5531
Raleigh County	Raleigh	Suddenlink Communications	Scott Depot, WV	304 760-2026
Randolph County	Randolph	Suddenlink Communications	Scott Depot, WV	304 760-2026
Ranson	Jefferson	Comcast Communications	Winchester, VA	540 639-0946
Ravenswood	Jackson	Community Antenna Service	Parkersburg, WV	304 420-2470
Ravenswood	Jackson	Suddenlink Communications	Scott Depot, WV	304 760-2026
Reedsville	Preston	Atlantic Broadband (Penn)	Johnstown, PA	724 439-3010
Rhodell	Raleigh	Suddenlink Communications	Scott Depot, WV	304 760-2026
Richwood	Nicholas	Shentel Cable	Edinburg, VA	540 984-5531
Ridgeley	Mineral	Atlantic Broadband (Penn)	Johnstown, PA	301 759-4806 x6
Ripley	Jackson	Community Antenna Service	Parkersburg, WV	304 420-2470
Ripley	Jackson	Suddenlink Communications	Scott Depot, WV	304 760-2026
Ritchie County	Ritchie	Armstrong Cable Services	Butler, PA	877 277-5711
Rivesville	Marion	Comcast Communications	Greensburg, PA	724 219-2519
Roane County	Roane	Suddenlink Communications	Scott Depot, WV	304 760-2026
Romney	Hampshire	Atlantic Broadband (Penn)	Johnstown, PA	301 759-4806 x6
Rowlesburg	Preston	Comcast Communications	Greensburg, PA	724 219-2519
Rupert	Greenbrier	Suddenlink Communications	Scott Depot, WV	304 760-2026
Salem	Harrison	Shentel Cable	Edinburg, VA	540 984-5531
Sand Fork	Gilmer	Shentel Cable	Edinburg, VA	540 984-5531
Shepherdstown	Jefferson	Comcast Communications	Winchester, VA	540 639-0946
Shinnston	Harrison	Suddenlink Communications	Scott Depot, WV	304 760-2026
Sistersville	Tyler	Suddenlink Communications	Scott Depot, WV	304 760-2026
Smithers	Fayette	Suddenlink Communications	Scott Depot, WV	304 760-2026
Sophia	Raleigh	Suddenlink Communications	Scott Depot, WV	304 760-2026
South Charleston	Kanawha	Suddenlink Communications	Scott Depot, WV	304 760-2026
Spencer	Roane	Suddenlink Communications	Scott Depot, WV	304 760-2026
Springfield	Hampshire	Comcast Communications	Greensburg, PA	724 219-2519
St. Albans	Kanawha	Suddenlink Communications	Scott Depot, WV	304 760-2026
St. Marys	Pleasants	Suddenlink Communications	Scott Depot, WV	304 760-2026
Star City	Monongalia	Comcast Communications	Greensburg, PA	724 219-2519
Stonewood	Harrison	Time Warner	Cincinnati, OH	304 326-6235
Summers County	Summers	Suddenlink Communications	Scott Depot, WV	304 760-2026

<u>Area Served</u>	<u>County</u>	<u>Provider</u>	<u>City of Licensure</u>	<u>Phone</u>
Summersville	Nicholas	Shentel Cable	Edinburg, VA	540 984-5531
Sutton	Braxton	Shentel Cable	Edinburg, VA	540 984-5531
Sylverster	Boone	Suddenlink Communications	Scott Depot, WV	304 760-2026
Taylor County	Taylor	Comcast Communications	Greensburg, PA	724 219-2519
Taylor County	Taylor	Suddenlink Communications	Scott Depot, WV	304 760-2026
Taylor County	Taylor	Time Warner	Cincinnati, OH	304 326-6235
Terra Alta	Preston	Atlantic Broadband (Penn)	Johnstown, PA	724 439-3010
Thomas	Tucker	Atlantic Broadband (Penn)	Johnstown, PA	301 759-4806 x6
Triadelphia	Ohio	Comcast Communications	Pittsburgh, PA	412 875-1233
Tucker County	Tucker	Atlantic Broadband (Penn)	Johnstown, PA	301 759-4806 x6
Tunnelton	Preston	Atlantic Broadband (Penn)	Johnstown, PA	724 439-3010
Tunnelton	Preston	Community Antenna Service	Parkersburg, WV	304 420-2470
Tyler County	Tyler	Middlebourne TV Cable	Jerusalem, OH	740 926-1742
Tyler County	Tyler	Suddenlink Communications	Scott Depot, WV	304 760-2026
Upshur County	Upshur	Suddenlink Communications	Scott Depot, WV	304 760-2026
Valley Grove	Ohio	Comcast Communications	Pittsburgh, PA	412 875-1233
Vienna	Wood	Community Antenna Service	Parkersburg, WV	304 420-2470
Vienna	Wood	Suddenlink Communications	Scott Depot, WV	304 760-2026
War	McDowell	Shentel Cable	Edinburg, VA	540 984-5531
Wardensville	Hardy	Hardy Telecommunications	Lost River, WV	304 897-9911
Wayne	Wayne	Suddenlink Communications	Scott Depot, WV	304 760-2026
Wayne County	Wayne	Armstrong Cable Services	Butler, PA	877 277-5711
Wayne County	Wayne	Comcast Communications	Lynchburg, VA	866 639-1274
Wayne County	Wayne	Lycom Communications	Louisa, KY	606 369-4221
Wayne County	Wayne	Suddenlink Communications	Scott Depot, WV	304 760-2026
Webster County	Webster	Shentel Cable	Edinburg, VA	540 984-5531
Weirton	Brooke	Comcast Communications	Pittsburgh, PA	412 875-1233
Welch	McDowell	Shentel Cable	Edinburg, VA	540 984-5531
Wellsburg	Brooke	Comcast Communications	Pittsburg, PA	412 875-1233
West Hamlin	Lincoln	Armstrong Cable Services	Butler, PA	877 277-5711
West Liberty	Ohio	Comcast Communications	Pittsburg, PA	412 875-1233
West Logan	Logan	Suddenlink Communications	Scott Depot, WV	304 760-2026
West Union	Doddridge	Suddenlink Communications	Scott Depot, WV	304 760-2026
Weston	Lewis	Shentel Cable	Edinburg, VA	540 984-5531
Westover	Monongalia	Comcast Communications	Greensburg, PA	724 219-2519
Wetzel County	Wetzel	Jones TV Cable & Satellite	Folsom, WV	304 334-6504
Wetzel County	Wetzel	Suddenlink Communications	Scott Depot, WV	304 760-2026
Wetzel County	Wetzel	Zito Media	Coudersport, PA	304 445-5334
Wheeling	Ohio	Centre TV, Inc	Wheeling, WV	304 277-2811
Wheeling	Ohio	Comcast Communications	Pittsburgh, PA	412 875-1233
White Hall	Marion	Comcast Communications	Greensburg, PA	724 219-2519

<u>Area Served</u>	<u>County</u>	<u>Provider</u>	<u>City of Licensure</u>	<u>Phone</u>
White Sulphur	Greenbrier	Suddenlink Communications	Scott Depot, WV	304 760-2026
Whitesville	Boone	Suddenlink Communications	Scott Depot, WV	304 760-2026
Williamson	Mingo	Suddenlink Communications	Scott Depot, WV	304 760-2026
Williamstown	Wood	Community Antenna Service	Parkersburg, WV	304 420-2470
Williamstown	Wood	Suddenlink Communications	Scott Depot, WV	304 760-2026
Winfield	Putnam	Comcast Communications	Lynchburg, VA	866 639-1274
Winsor	Brooke	Centre TV, Inc	Wheeling, WV	304 277-2811
Wirt	Wirt	Suddenlink Communications	Scott Depot, WV	304 760-2026
Wood County	Wood	Community Antenna Service	Parkersburg, WV	304 420-2470
Wood County	Wood	Suddenlink Communications	Scott Depot, WV	304 760-2026
Worthington	Marion	Comcast Communications	Greensburg, PA	724 219-2519
Wyoming County	Wyoming	Colane Cable	Omar, WV	304 946-2871
Wyoming County	Wyoming	Shentel Cable	Edinburg, VA	540 984-5531
Wyoming County	Wyoming	Suddenlink Communications	Scott Depot, WV	304 760-2026

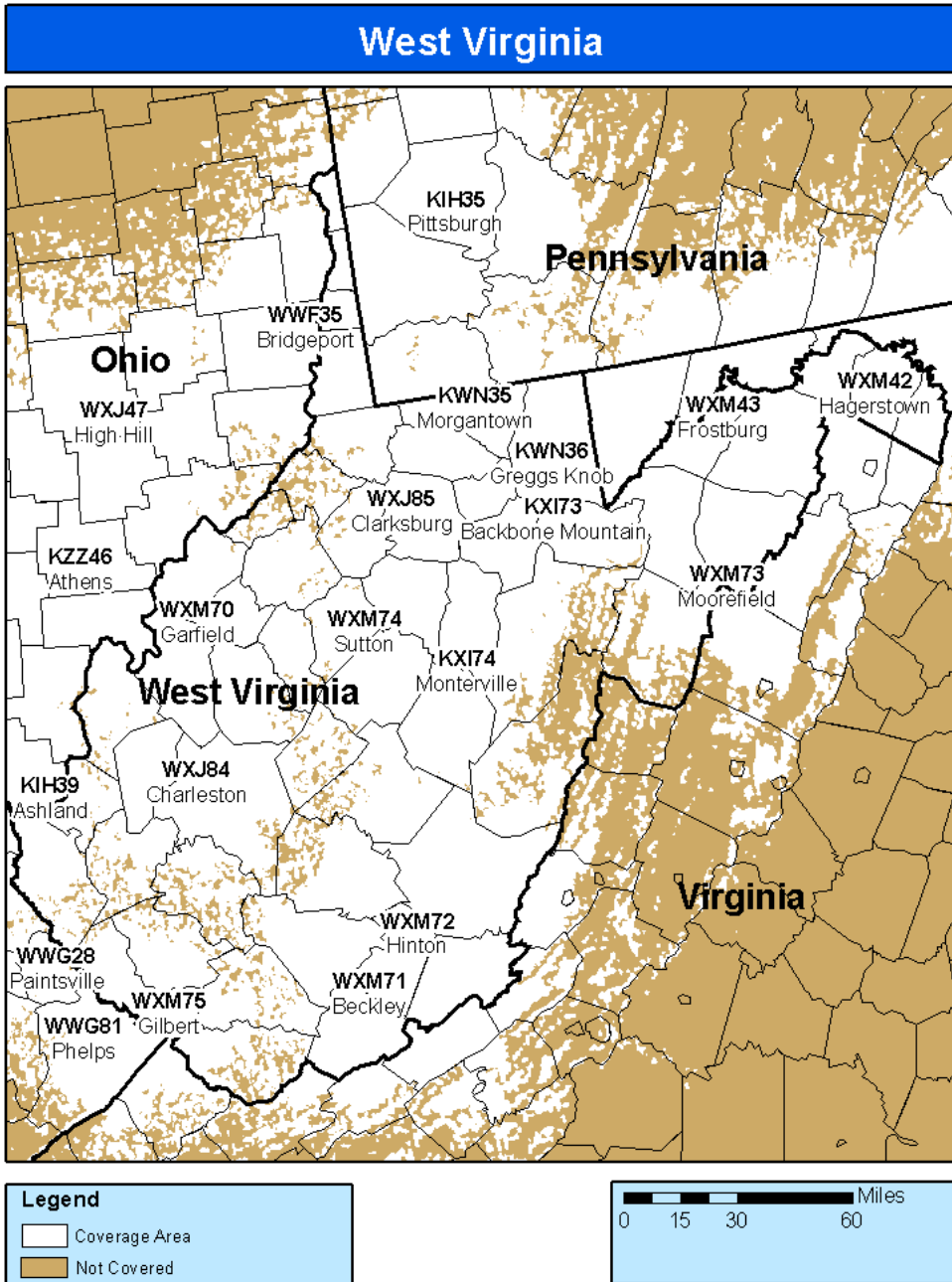
ANNEX E

NOAA Weather Radio Coverage

The following page contains a map showing the NOAA weather radio coverage of state of West Virginia

[National Weather Service Map of West Virginia](#)

<http://www.nws.noaa.gov/nwr/Maps/PHP/westvirginia.php>



NOAA Weather Radio

The State of West Virginia is covered by National Weather Service offices in the following locations. Telephone numbers are listed for each of these. The Annex E coverage map shows the coverage areas.

<u>Office Location</u>	<u>Telephone Number</u>	<u>Coverage Area</u>
Charleston WV	304 746-0190	(covers Ashland Ky, Beckley, Gilbert, Spencer, Sutton, Shinnston & Hinton WV)
Blacksburg VA	540 552-1041	(covers Hinton WV)
Pittsburgh PA	412 262-1591	(covers Wheeling WV & High Hill OH)
Sterling VA	703 260-0209	(covers Moorefield WV & Hagerstown MD)

ANNEX F
West Virginia Amber Alert System

The purpose of the Amber Alert System is to provide a valuable tool for West Virginia law enforcement agencies in the ongoing battle to protect our children while allowing the broadcasters of West Virginia an opportunity to contribute to the communities they serve in an extremely beneficial capacity. Utilization of this plan will provide for maximum public participation to provide rapid response in the event of an abducted child. The media, public and law enforcement must work together to ensure the plan is not abused, which would lead to a lack of confidence in the plan and render the system ineffective. The Amber Alert System will only be used in **the most serious** child-abduction cases and **only** a law enforcement agency can request an Amber Alert activation. *The system will not be used for runaway or most parental abduction cases unless the circumstance is life threatening to the child.*

Law Enforcement Activation Criteria

The West Virginia State Police will make every reasonable effort to ensure strict criteria is applied when *any* law enforcement agency requests activation of West Virginia's Amber Alert System. All necessary precautions to authenticate information and limit interruptions of local radio and television broadcasts must and will be taken, as over utilization or false information could render the Amber Alert System ineffective. Therefore, for the West Virginia Amber Alert System to be activated the West Virginia State Police Communication Center will serve as the contact point for Amber Alert requests. Activation of the Amber Alert System requires law enforcement to meet *all* the following minimum mandatory criteria:

- Law enforcement confirms a child 17 years of age or younger has been abducted.
- Law enforcement believes the circumstances surrounding the abduction indicate the child is in danger of serious bodily harm or death.
- Law enforcement has enough descriptive information about the child, abductor and suspect's vehicle to believe an immediate broadcast will facilitate the child's location.
- A law enforcement officer **must** enter the abducted child into NCIC and, in the comments section on the NCIC entry screen, **must** provide supporting documentation as to why the Amber Alert System should be activated.
- A law enforcement office will complete a WVSP Form 167, WV Amber Alert Request Form, and fax to WV State Police Communications Center (304) 746-2230.

Note:

- (1) *The system will not be used for runaway or most parental abduction cases unless the circumstance is life threatening to the child.*
- (2) *If the child is located within the 3 hour Alert period, the Investigating Officer/Agency shall submit in writing to the WV State Police Communication Center the child has been located and request the Amber Alert notification be cancelled.*

EAS Process

After verification from the State Police of the authenticity of the Amber Alert Request, the Charleston National Weather Service will activate the Emergency Alert System statewide (following established EAS procedures) using the CAE code (Child Abduction Emergency.) The NWS will immediately type in the information provided by the Amber Request Form and the alerts will be broadcast every fifteen minutes for the first hour and every thirty minutes for the next two hours.

After the first alert, radio and television stations have the option of treating the Amber Alert as a news story; interrupting regularly scheduled programming. Should the State Police determine new, timely information critical to the listening and viewing public has become available will aid in the Amber Alert, then a second alert will be issued incorporating the new information. The State Police will make the determination.

Should Law Enforcement recover the abductee during the first three hours, a notice will be issued to discontinue the EAS activation.

Amber Alert Committee

The committee will consist of the signatories on this Memorandum of Understanding and/or their designee. The committee will meet as needed.

Miscellaneous

The West Virginia State Police will ultimately determine whether the activation criteria of the Amber Alert Plan are satisfied, reviewing the facts and circumstances of each case on an individual basis.

This Memorandum is not intended to and does not create any legal rights to activation of the Amber Alert Plan.

This Memorandum is not intended to and does not create any contractual rights or obligations with respect to the signatory agencies or any other parties.

This Memorandum is not intended to and does not empower members of the public to act as police officers or take police action. The role of the public is to provide the police with information to assist the police in the safe recovery of the child.

ANNEX G
List of Event Codes

Group I

EAN National Emergency Action Notification
EAT National Emergency Action Termination
NIC National Information Center Message
NPT National Periodic Test

Group II

RMT Required Monthly Test
RWT Required Weekly Test

Group III

ADR Administrative Message
CAE Child Abduction Emergency
CDW Civil Danger Warning
CEM Civil Emergency Message
DMO Practice/Demo Warning
EQW Earthquake Warning
EVI Evacuation Immediate Notice
FRW Fire Warning
HMW Hazardous Materials Warning
LAE Local Area Emergency
LEW Law Enforcement Warning
NMN Network Message Notification
NUW Nuclear Power Plant Warning
RHW Radiological Hazard Warning
SPW Shelter in Place Warning
TOE 911 Telephone Outage Emergency

Group IV

VOW Volcano Warning
AVA Avalanche Watch
AVW Avalanche Warning

Group V

WSA Winter Storm Watch
WSW Winter Storm Warning
BZW Blizzard Warning
HWA High Wind Watch
HWW High Wind Warning
SVA Severe Thunderstorm Watch
SVR Severe Thunderstorm Warning
SVS Severe Weather Statement

ANNEX G
List of Event Codes

TOA Tornado Watch
TOR Tornado Warning
FFA Flash Flood Watch
FFW Flash Flood Warning
FFS Flash Flood Statement
FLA Flood Watch
FLW Flood Warning
FLS Flood Statement
SPS Special Weather Statement

Group VI

HUA Hurricane Watch
HUW Hurricane Warning
TRA Tropical Storm Watch
TRW Tropical Storm Warning
HLS Hurricane Statement
CFA Coastal Flood Watch
CFW Coastal Flood Warning
SMW Special Marine Warning
DSW Dust Storm Warning
TSA Tsunami Watch
TSW Tsunami Warning

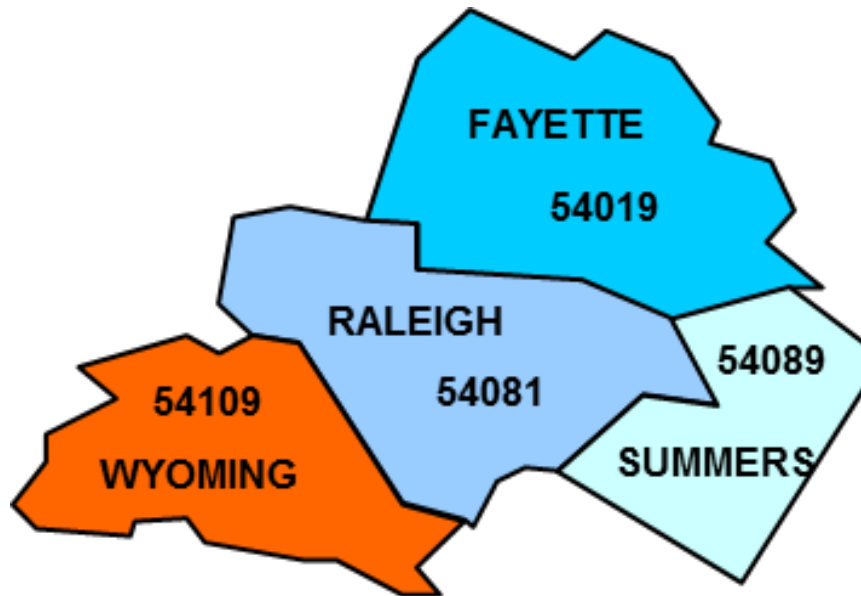
ANNEX H

West Virginia Local Boundary Maps Operational Areas

(see following pages)

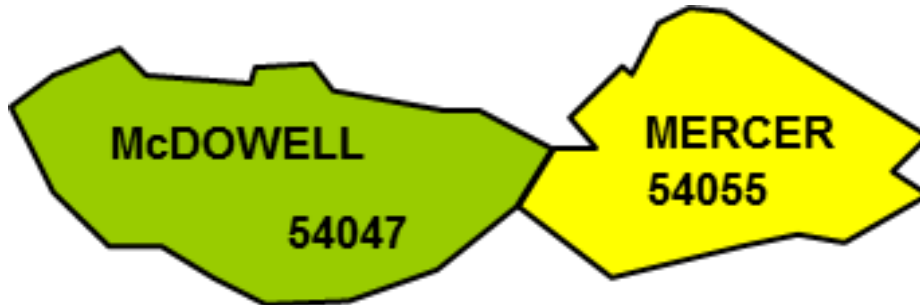
**BECKLEY EAS
Local Area**

<u>City of License</u>	<u>Call Sign</u>	<u>FIPS Code</u>	<u>Frequency</u>	<u>Facility</u>	<u>EAS Designations</u>
Beckley	WCIR FM	54081	103.7	5.0 KW 452 METERS	LP2
Beckley	WJLS AM	54081	560	5./0.5 KWDA-NU	SR/LP-1
Beckley	WJLS FM	54081	99.5	34. KW 320 METERS	LP-1/SR
Beckley	WBKW AM	54081	1070	10. KW ND-D D	PN
Beckley	WVBY FM	54081	91.7	10.5 KW 280 METERS	PN
Beckley	WWNR AM	54081	620	1./0.5KW DA-NU	PN
Fayetteville	WVBD FM	54019	100.7	.48 KW 343 METERS	PN
Grandview	WSWP TV	54081	DT CH 10 (9.1)	15.08 KW 282.2 METERS	PN
Hinton	WMTD AM	54089	1380	1. KW ND-D D	PN
Hinton	WMTD FM	54089	102.3	.37 KW 388 METERS	PN
Mount Hope	WTNJ FM	54081	105.9	50. KW 152 METERS	LP-2
Mullens	WKQR FM	54019	92.7	1.65 KW 135 METERS	PN
Oak Hill	WAXS FM	54081	94.1	26.5 KW 198 METERS	LP-2
Oak Hill	WOAY AM	54081	860	10./0.011 KW ND-1U	PN
Oak Hill	WOAY TV	54019	CH 50 (4.1)	100 KW 226 METERS	PN
Pineville	WWYO AM	54109	970	1. KW ND-D D	PN



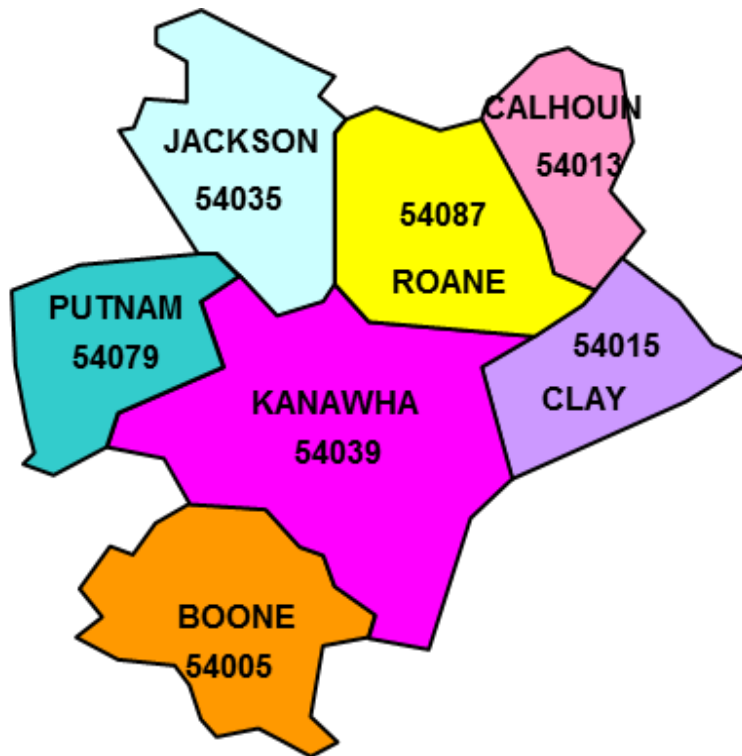
**BLUEFIELD EAS
Local Area**

<u>City of License</u>	<u>Call Sign</u>	<u>FIPS Code</u>	<u>Frequency</u>	<u>Facility</u>	<u>EAS Designations</u>
Bluefield	WHAJ FM	54055	104.5	100. KW 366 METERS	LP-1/SR
Bluefield	WHIS AM	54055	1440	5./0.5 KW ND-1 U	SR/LP-1
Bluefield	WVVA TV	54055	DT CH 46 (6.1)	1000 KW 372 METERS	PN
Bluefield	WLFB TV	54055	DT CH 40 (40.1)	1000 KW 399 METERS	PN
Bluefield	WKEZ AM	54055	1240	1. KW ND-1 U	LP-2
Bluefield	WVBL FM	54055	88.5	V 50 KW	PN
Green Valley	WAMN AM	54055	1050	1.4/0.2 KW ND-1 U	PN
Welch	WELC AM	54047	1150	5. KW ND- D D	PN
Princeton	WAEY FM	54055	95.9	0.48 KW 348 METERS	PN
Princeton	WAEY AM	54055	1490	1. KW ND-1 U	PN
Princeton	WKOY FM	54055	100.9	0.63 KW 195 METERS	LP-2
Princeton	WSTG FM	54055	95.9	H:0.48 V:0.4 348 METERS	PN



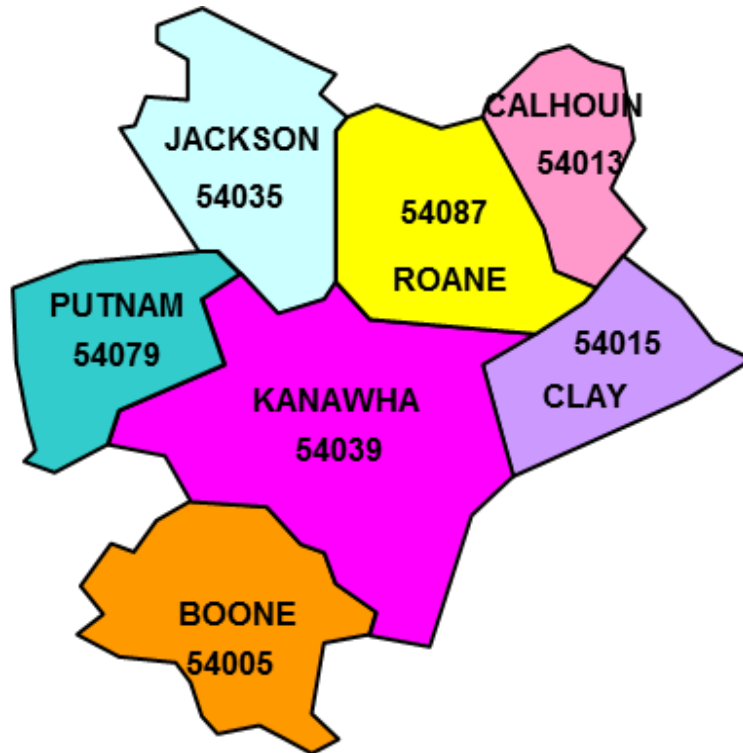
CHARLESTON EAS (1 of 2)
Local Area

<u>City of License</u>	<u>Call Sign</u>	<u>FIPS Code</u>	<u>Frequency</u>	<u>Facility</u>	<u>EAS Designations</u>
Charleston	WKAZ AM	54039	680	10/0.221. KW DA-N U	LP-1/SR
Charleston	WSWW AM	54039	1490	1. KW ND-1 U	PN
Charleston	WQBE FM	54039	97.5	50. KW 152 METERS	LP-2
Charleston	WVPB FM	54039	88.5	50. KW 91 METERS	PN
Charleston	WXAF FM	54039	90.9	.800 KW 190 METERS	PN
Charleston	WCHS AM	54039	580	5./5. KW DA-N U	LP-1/SR
Charleston	WKWS FM	54039	96.1	45. KW 157 METERS	LP-1/SR
Charleston	WVAF FM	54039	99.9	50.0 KW 131 METERS	LP-1/SR
Charleston	WBES AM	54039	1240	1. KW ND-1 U	PN
Charleston	WCHS TV	54039	DT CH 41 (8.1)	475 KW 514.1 METERS	PN
Charleston	WVTS AM	54039	950	5./1 KW DA-N U	LP-2
Charleston	WVAH TV	54039	DT CH 19 (11.1)	475 KW 514.1 METERS	PN
Charleston	WVSR FM	54039	102.7	50. KW 123 METERS	PN
Charleston	WLPX TV	54079	DT CH 39 (29.1)	1000. KW 350 METERS	PN
Danville	WZAC FM	54005	92.5	0.61 KW 212 METERS	PN
Dunbar	WZJO FM	54039	94.5	8.5 KW 160 METERS	PN
Dunbar	WLUX AM	54039	1450	1. KW METERS	PN
Hurricane	WMUX AM	54079	1110	1. KW METERS	PN



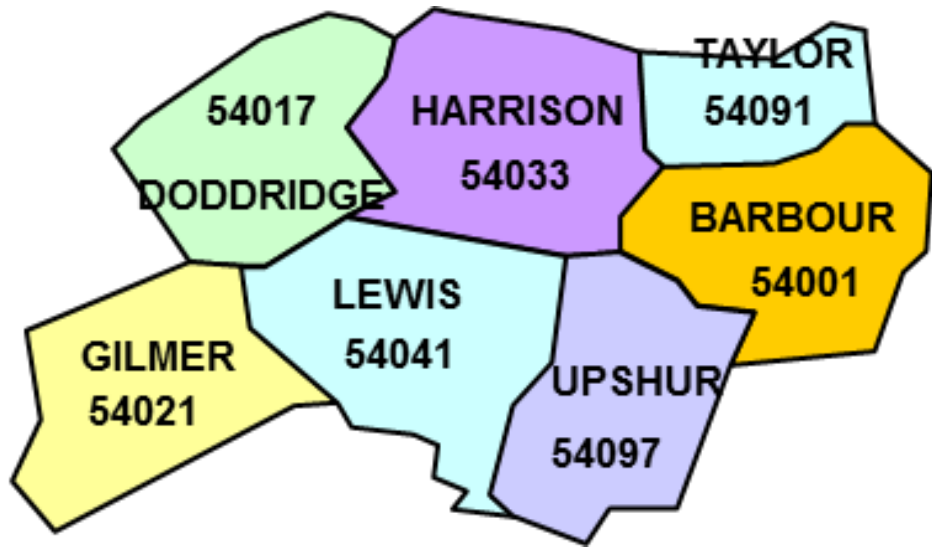
CHARLESTON EAS (2 of 2)
Local Area

<u>City of License</u>	<u>Call Sign</u>	<u>FIPS Code</u>	<u>Frequency</u>	<u>Facility</u>	<u>EAS Designations</u>
Marmet	WKVW FM	54039	93.3	1.7 KW 189 METERS	PN
Montgomery	WMON AM	54019	1340	1. KW ND-1 U	PN
Montgomery	WNUX FM	54019	89.7	3.3 KW 416.6 METERS	PN
Pocatalico	WRVZ FM	54039	98.7	2. KW 100 METERS	PN
Ravenswood	WMOV AM	54035	1360	1. KW ND-D D	PN
Ripley	WCEF FM	54035	98.3	6. KW 94 METERS	PN
Ripley	WLKV FM	54035	90.7	3. KW 100 METERS	PN
S Charleston	WSCW AM	54039	1410	5. KW DAY	PN
S Charleston	WMXE FM	54081	100.9	3. KW 91 METERS	PN
S Charleston	WWLA FM	54039	89.3	2.3 KW 63 METERS	PN
S Charleston	WYNL FM	54039	94.5	9.6 KW 160 METERS	LP-2
Spencer	WVRC FM	54087	104.7	4.8 KW 112 METERS	PN
Spencer	WVRC AM	54057	1400	1. KW	PN
St Albans	WJYP AM	54039	1300	1. KW DAY 0.05 KW NIGHT	PN
St Albans	WKLC FM	54039	105.1	H:2.95 V:2.9 484 METERS	PN



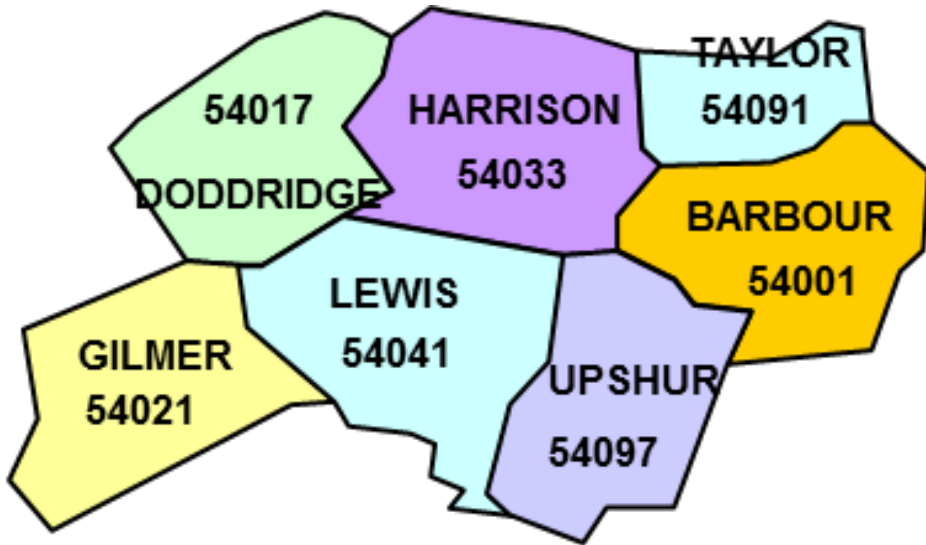
**CLARKSBURG EAS (1 of 2)
Local Area**

<u>City of License</u>	<u>Call Sign</u>	<u>FIPS Code</u>	<u>Frequency</u>	<u>Facility</u>	<u>EAS Designations</u>
Bridgeport	WETT FM	54033	104.1	1.2 KW 158 METERS	PN
Buckhannon	WBTQ FM	54097	93.5	16. KW 127 METERS	PN
Buckhannon	WVPW FM	54097	88.9	14.0 KW 256 METERS	PN
Buckhannon	WBUC AM	54097	1460	5.5/.055 KW ND-1 U	LP-1
Buckhannon	WVWC FM	54097	92.1	.013 KW 21 METERS	PN
Buckhannon	WBRB FM	54097	101.3	50 KW 150 METERS	LP-1
Clarksburg	WBOY TV	54033	DT CH 12 (12.1)	12.25 KW 262 METERS	PN
Clarksburg	WPDX AM	54033	750	1 KW ND-D D	PN
Clarksburg	WVFX TV	54033	DT CH 10 (46.1)	30 KW 235 METERS	PN
Clarksburg	WPDX FM	54033	104.9	2.50 KW 98 METERS	PN
Clarksburg	WWLW FM	54033	106.5	28 KW 199 METERS	SR
Clarksburg	WGIE FM	54033	92.7	0.62 KW 204 METERS	PN
Clarksburg	WXKX AM	54033	1340	1 KW 24 HRS	PN
Clarksburg	WCKU FM	54033	90.1	4 KW 215 METERS	PN



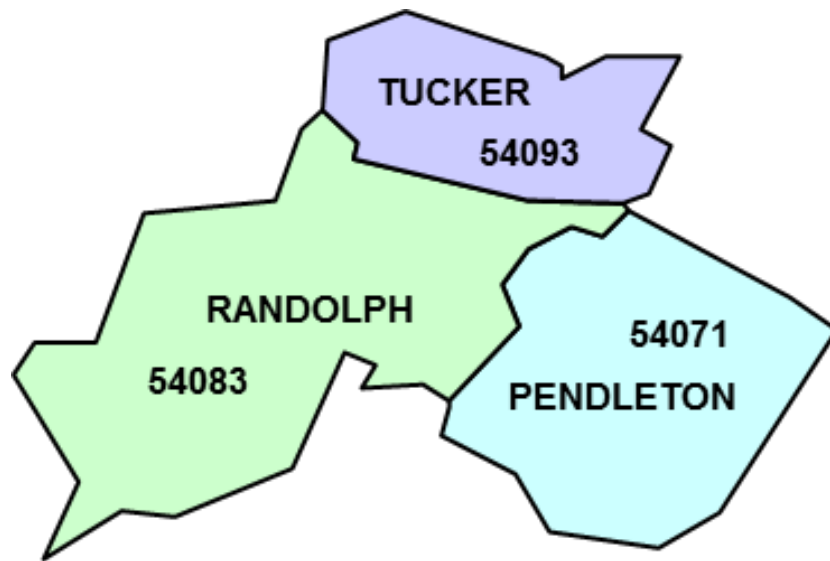
**CLARKSBURG EAS (2 of 2)
Local Area**

<u>City of License</u>	<u>Call Sign</u>	<u>FIPS Code</u>	<u>Frequency</u>	<u>Facility</u>	<u>EAS Designations</u>
Fairmont	WRLF FM	54033	94.3	3.6 KW 76 METERS	LP-2
Glenville	WVRW FM	54021	107.7	2.2 KW 167 METERS	PN
Grafton	WVUS AM	54091	1190	4.50 KW 91 METERS	LP-2
Grafton	WDKL FM	54091	95.9	3.2 KW 131 METERS	PN
Lost Creek	WOTR FM	54033	96.3	3. KW 92 METERS	PN
Lost Creek	WHAW AM	54033	980	25 KW	PN
Philippi	WQAB FM	54001	91.3	7.20 KW 55 METERS	PN
Salem	WAJR FM	54033	103.3	1.8 KW 180 METERS	LP-2
Salem	WOBG FM	54033	105.7	1.95 KW 177 METERS	PN
Weston	WDTV TV	54041	DT CH 05 (5.1)	10 KW 240 METERS	PN
Weston	WHAW AM	54041	980	1./0.05 KW ND-1 U	PN
Weston	WFBY FM	54041	102.3	10. KW 155 METERS	LP-1



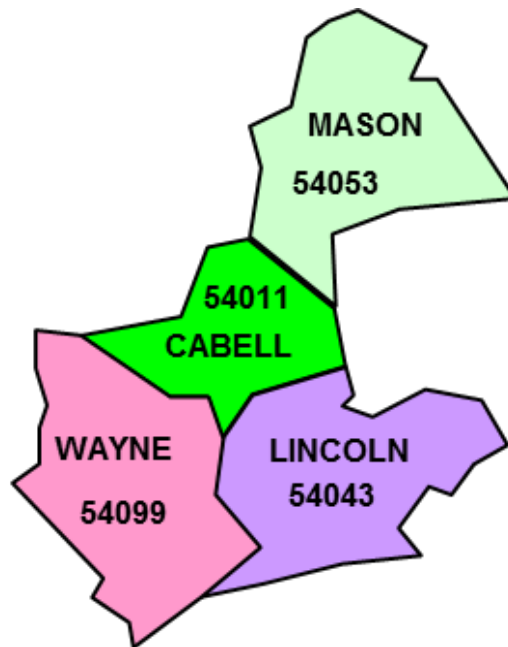
**ELKINS EAS
Local Area**

<u>City of License</u>	<u>Call Sign</u>	<u>FIPS Code</u>	<u>Frequency</u>	<u>Facility</u>	<u>EAS Designations</u>
Elkins	WCDE FM	54083	89.9	.25 KW 108 METERS	PN
Elkins	WELK FM	54083	94.7	5.0 KW 222 METERS	PN
Elkins	WDNE AM	54083	1240	1. KW ND-1 U	LP-1
Elkins	WDNE FM	54083	99.9	5.00 KW 141 METERS	LP-1



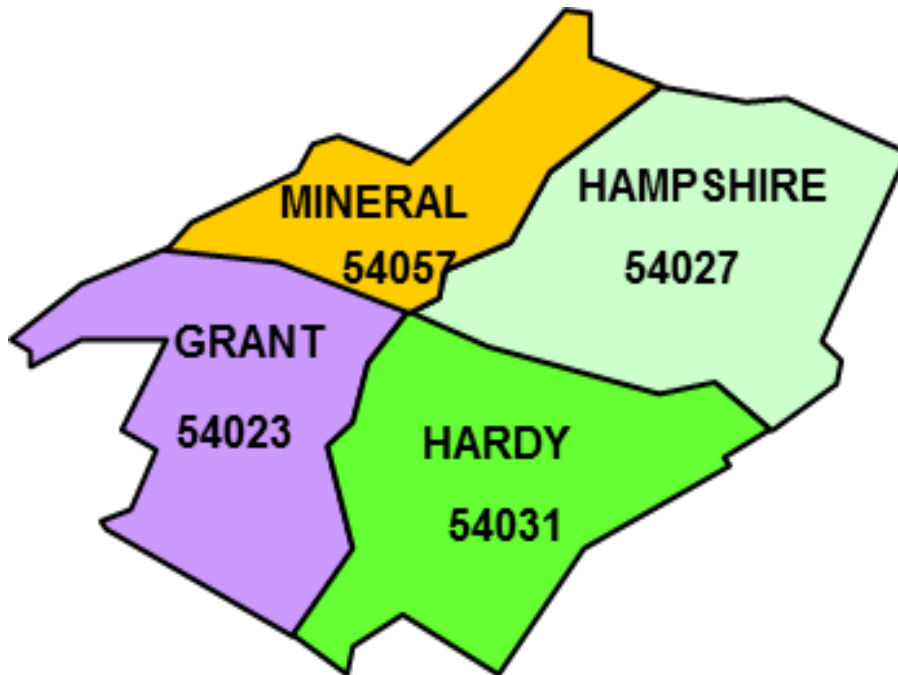
HUNTINGTON EAS Local Area

<u>City of License</u>	<u>Call Sign</u>	<u>FIPS Code</u>	<u>Frequency</u>	<u>Facility</u>	<u>EAS Designations</u>
Ashland, KY	WDGG FM	21019	93.7	100 KW	SR/LP-1
Fort Gay	WFGH FM	54099	90.7	7.8 KW	PN
Huntington	WOWK TV	54011	DT CH 13 (13.1)	D12.5 KW 387 METERS	PN
Huntington	WSAZ TV	54011	DT CH 23 (3.1)	724 KW 366 METERS	PN
Huntington	WEMM FM	54011	107.9	50. KW 152 METERS	PN
Huntington	WKEE FM	54011	100.5	53. KW 171 METERS	PN
Huntington	WPBP TV	54011	DT CH 34 (33.1)	73.3 KW 360.5 METERS	LP-2
Huntington	WTCR FM	54011	103.3	50. KW 150 METERS	PN
Huntington	WEMM AM	54011	1200	5/.072 KW ND-1 U	PN
Huntington	WMUL FM	54011	88.1	1.15 KW 17 METERS	PN
Huntington	WRVC AM	54011	930	1./5. KW DA-N U	SR/ /LP-1
Huntington	WVWV FM	54011	89.9	8.1 KW 355 METERS	PN
Huntington	WVHU AM	54011	800	5 KW DAY 0.19 KW NIGHT	LP-2
Huntington	WZZW AM	54079	1600	5./0.26 KW ND-1 U	PN
Kenova	WTCR AM	54099	1420	.5 KW 5KW	PN
Milton	WAMX FM	54079	106.3	.530 KW 33 METERS	LP-2
Point Pleasant	WBYG FM	54053	99.5	4.7 KW 100 METERS	PN
Point Pleasant	WBGS AM	54053	1030	2.9 KW CRITICAL HRS 10KW DAY	PN



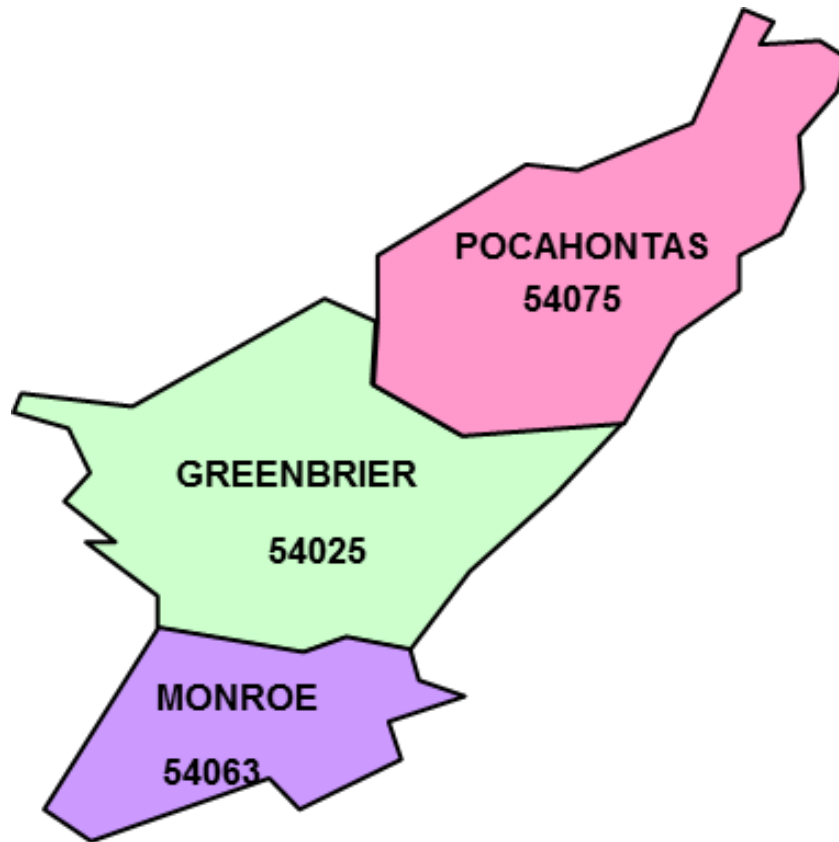
**KEYSER EAS
Local Area**

<u>City of License</u>	<u>Call Sign</u>	<u>FIPS Code</u>	<u>Frequency</u>	<u>Facility</u>	<u>EAS Designations</u>
Fisher	WELD AM	54031	690	3 KW ND-D D	LP-1
Fisher	WQWV FM	54031	103.7	H:2.62 V:2.6 311.9 METERS	LP-1
Keyser	WQZK FM	54057	94.1	15.0 KW 244 METERS	SR/LP-1
Keyser	WCBC FM	54057	107.01	0.53 KW 239	LP-2
Keyser	WKLP AM	54057	1390	1/.074. KW ND-1 U	LP-1/SR
Petersburg	WELD FM	54023	101.7	1.25 KW 157 METERS	LP-1
Ridgeley	WDYK FM	54057	100.5	4.7 KW	LP-2
Ridgeley	WQZK FM-1	54057	94.1	.850 KW	SR/LP1
Romney	WVMD FM	54027	100.1	.09 KW	PN
Wardensville	WTCF FM	54031	103.3	0.35 KW 410 METERS	PN



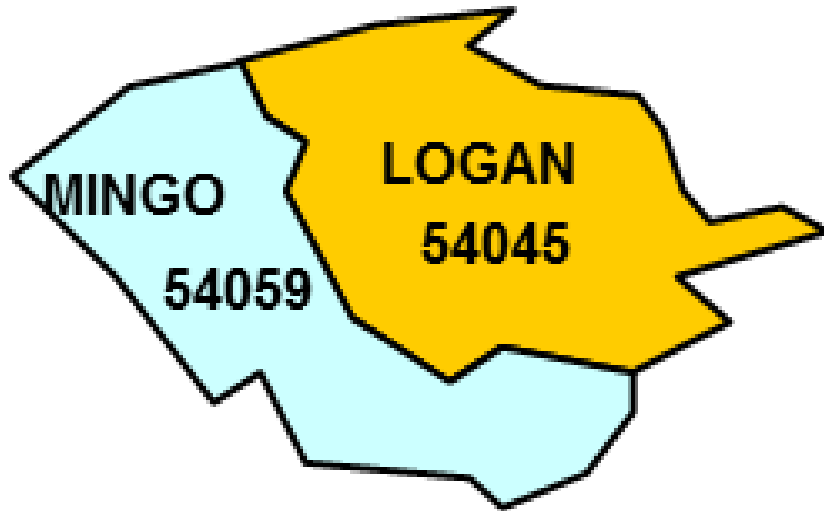
**LEWISBURG EAS
Local Area**

<u>City of License</u>	<u>Call Sign</u>	<u>FIPS Code</u>	<u>Frequency</u>	<u>Facility</u>	<u>EAS Designations</u>
Frost	WVMR AM	54075	1370	5. KW ND-D D	LP-1
Hillsboro	WVMR FM	54075	91.9	.55 KW	LP-1
Lewisburg	WKCJ FM	54025	103.1	1.05 KW 238 METERS	PN
Lewisburg	WVNS TV	54019	DT CH 8 (59.1)	3.68 KW 776 METERS	PN
Lewisburg	WRLB FM -1	54025	95.3	.5KW	PN
Rainelle	WRLB FM	54025	95.3	13.0 KW 139 METERS	PN
Rainelle	WRRM AM	54025	1130	1. KW ND-D D	PN
Ronceverte	WRON FM	54025	103.1	1.0 KW 244 METERS	SR/LP-1
Ronceverte	WRON AM	54025	1400	1. KW ND-1 U	SR/LP-1
Rupert	WYKM AM	54025	1250	5. KW ND-D D	PN
W S Springs	WSLW AM	54025	1310	5. KW ND-D D	PN
W S. Springs	WKCJ FM	54025	103.1	5 KW	PN



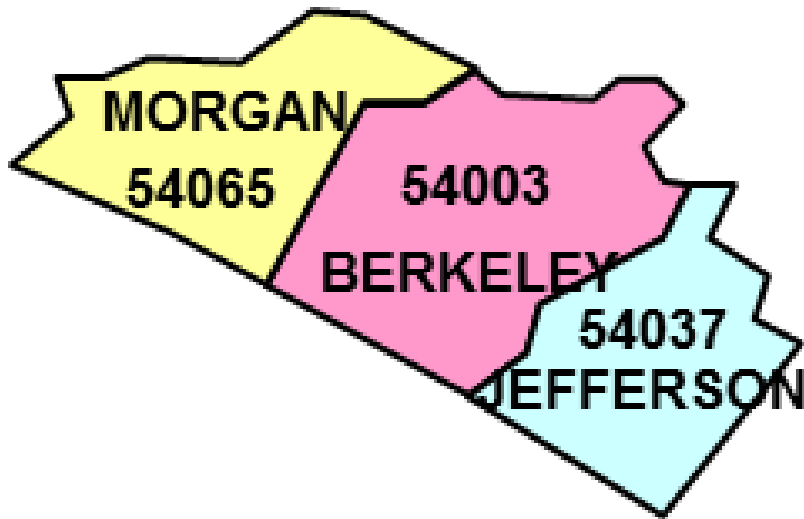
**LOGAN EAS
Local Area**

<u>City of License</u>	<u>Call Sign</u>	<u>FIPS Code</u>	<u>Frequency</u>	<u>Facility</u>	<u>EAS Designations</u>
Logan	WVOW AM	54045	1290	5/1 KWDA-N	LP-1
Logan	WVOW FM	54045	101.9	15.0 KW 253 METERS	LP-1
Matewan	WHJC AM	54059	1360	1 KW ND-D D	LP-2
Matewan	WVKM FM	54059	106.7	4.3 KW 229 METERS	LP-2
Williamson	WXCC FM	54059	96.5	50 KW 152 METERS	LP-1
Williamson	WBTH AM	54059	1400	1.KW ND-1 U	LP-1



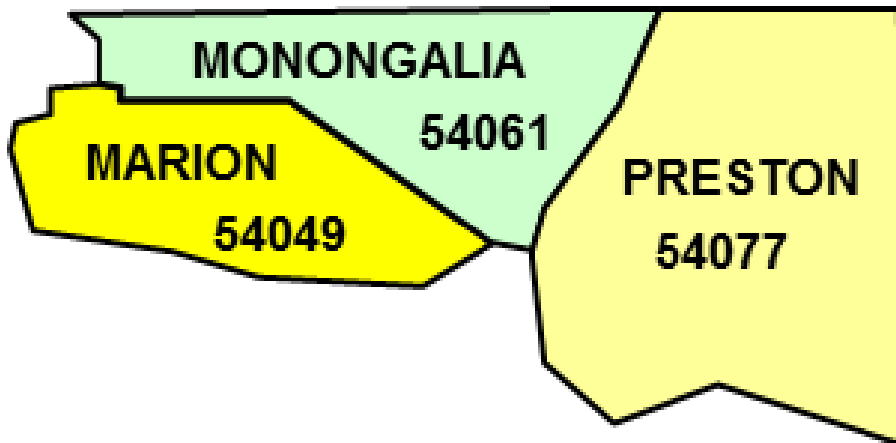
**MARTINSBURG EAS
Local Area**

<u>City of License</u>	<u>Call Sign</u>	<u>FIPS Code</u>	<u>Frequency</u>	<u>Facility</u>	<u>EAS Designations</u>
Berkeley Springs	WCST AM	54065	1010	.25/.017 KW ND-1 U	LP-1
Berkeley Springs	WDHC FM	54065	93.5	3.00 KW 21 METERS	LP-1
Charles Town	WMRE AM	54037	1550	0.01 KW NIGHT 5 KW DAY	LP-1
Martinsburg	WRNR AM	54003	740	.5/.021 KW DA-2 U	PN
Martinsburg	WEPM AM	54003	1340	1. KW ND-1 U	SR/LP-1
Martinsburg	WVEP FM	54003	88.9	3.6 KW 495 METERS	PN
Martinsburg	WWPX TV	54037	DT CH 12 (60.1)	23 KW 314 METERS	PN
Martinsburg	WLTF FM	54003	97.5	5.7 KW 283.7 METERS	LP-1/ SR
Shepherdstown	WSHC FM	54037	89.7	0.95 KW 3 METERS	PN



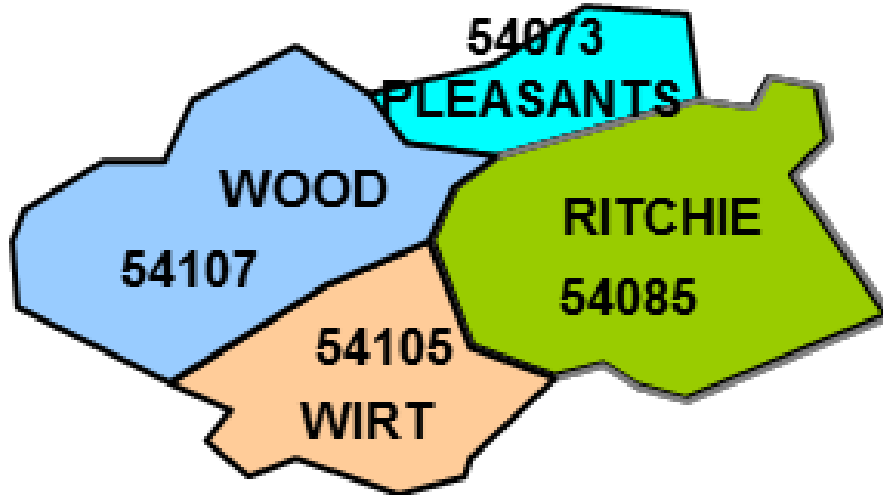
**MORGANTOWN EAS
Local Area**

<u>City of License</u>	<u>Call Sign</u>	<u>FIPS Code</u>	<u>Frequency</u>	<u>Facility</u>	<u>EAS Designations</u>
Barrackville	WFGM FM	54049	93.1	2.6 KW 151 METERS	PN
Fairmont	WRLF FM	54049	94.3	3.6 KW 76 METERS	LP-1
Fairmont	WKKW FM	54049	97.9	29.0 KW 195 METERS	LP-2
Fairmont	WTCS AM	54049	1490	1. KW ND-1 U	LP-1
Fairmont	WMMN AM	54049	920	5/2. KW ND-1 U	LP-2
Kingwood	WFSP AM	54077	1560	1. KW ND-D D	LP-1
Kingwood	WFSP FM	54077	107.7	1.6 KW 137 METERS	LP-1
Kingwood	WKMM FM	54077	96.7	.300 KW 243 METERS	PN
Mannington	WGYE FM	54049	102.7	3.2 KW 138 METERS	PN
Morgantown	WAJR AM	54061	1440	5/5 KW DA-2 U	LP-1/SR
Morgantown	WNPB TV	54061	DT CH 33 (24.1)	168.3 KW 456.7 METERS	PN
Morgantown	WWVU FM	54061	91.7	2.60 KW 55 METERS	PN
Morgantown	WCLG AM	54061	1300	2.5/.044 KW ND-1 U	LP-2
Morgantown	WCLG FM	54061	100.1	6.0 KW 91 METERS	LP-2
Morgantown	WVAQ FM	54061	101.9	50. KW 152 METERS	LP-1/SR
Star City	WLOL FM	54061	89.7	0.08 KW	PN
Westover	WZST FM	54061	100.9	3.00 KW 81 METERS	PN



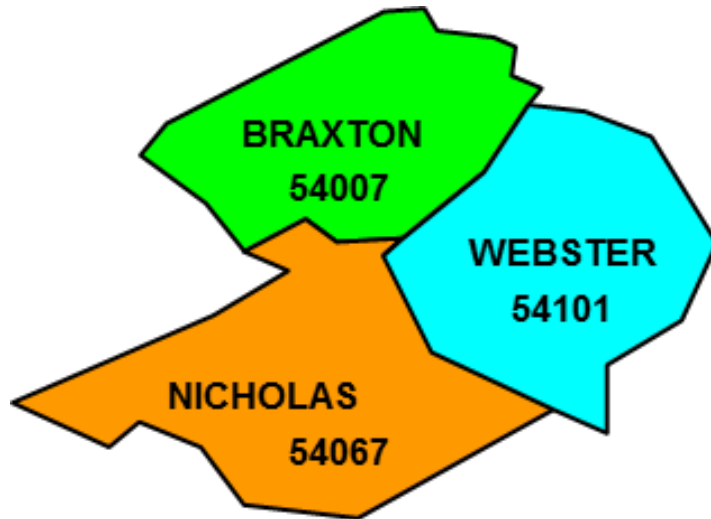
**PARKERSBURG EAS
Local Area**

<u>City of License</u>	<u>Call Sign</u>	<u>FIPS Code</u>	<u>Frequency</u>	<u>Facility</u>	<u>EAS Designations</u>
Elizabeth	WXIL FM	54107	95.1	50. KW 152 METERS	SR/LP-1
Parkersburg	WADC AM	54107	1050	5. KW ND-D D	LP-2
Parkersburg	WGGE FM	54107	99.1	11.5 KW 148 METERS	LP-2
Parkersburg	WTAP TV	54107	DT CH 49 (15.1)	315 KW 196 METERS	PN
Parkersburg	WRZZ FM	54105	106.1	3 KW 143 METERS	PN
Parkersburg	WVNT AM	54107	1230	1. KW ND-1 U	SR/LP-1
Parkersburg	WVPG FM	54107	90.3	9.0 KW 98 METERS	PN
Parkersburg	WHBR FM	54107	103.1	3.8 KW 127 METERS	LP-2
St Marys	WRRR FM	54073	93.9	17.0 KW 119 METERS	PN
St Marys	WJAW AM	54107	630	1 KW	PN
St Marys	WOUX FM	54107	105.3	2.8 KW 127.7 METERS	PN
Vienna	WDMX FM	54107	100.1	1.65 KW 134 METERS	PN
Vienna	WNRJ FM	54107	103.9	5.3 KW 106.4 METERS	PN



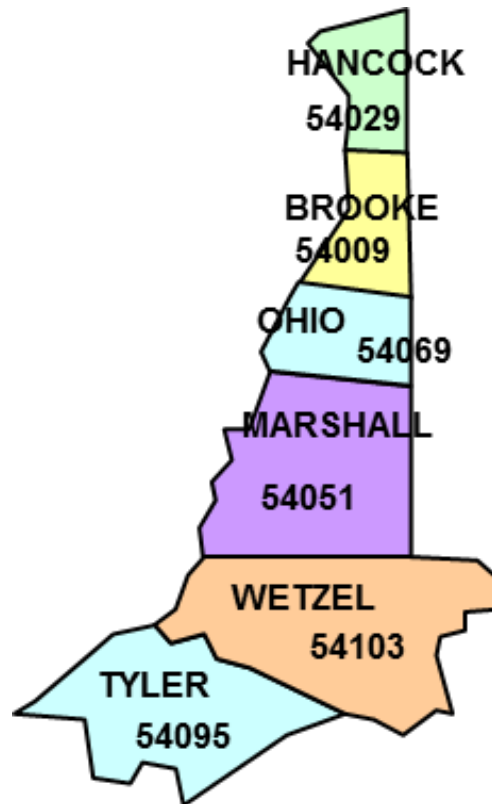
**SUMMERSVILLE EAS
Local Area**

<u>City of License</u>	<u>Call Sign</u>	<u>FIPS Code</u>	<u>Frequency</u>	<u>Facility</u>	<u>EAS Designations</u>
Cowen	WKQV FM	54067	105.5	3.5 KW 269 METERS	PN
Craigsville	WSWW FM	59968	95.7	25 KW	LP-2
Richwood	WVAR AM	54067	600	1. KW NDD D	PN
Summersville	WCWV FM	54067	92.9	11.0 KW 274 METERS	LP-2
Summersville	WMLJ FM	54067	90.5	11.0 KW 289 METERS	PN
Sutton	WDBS FM	54007	97.1	22.0 KW 229 METERS	SR/LP-1
Sutton	WSGB AM	54007	1490	1. KW ND-1 U	LP-2
Webster Springs	WAFD FM	54101	100.3	35 KW 181 METERS	PN



WHEELING EAS Local Area

<u>City of License</u>	<u>Call Sign</u>	<u>FIPS Code</u>	<u>Frequency</u>	<u>Facility</u>	<u>EAS Designations</u>
Bethany	WYZR FM	54009	88.1	1.10 KW 125 METERS	PN
Moundsville	WQRY FM	54051	96.5	2.5 KW 138 METERS	LP-1
Moundsville	WVLY AM	54051	1370	5KW DAY 0.02 KW NIGHT	PN
Moundsville	WULV FM	54051	88.7	3 KW 181 METERS	PN
N Martinsville	WETZ AM	54103	1330	1. KW ND-D D	LP-1
N Martinsville	WXCR FM	54103	92.3	3.2 KW 138 METERS	PN
N Martinsville	WYMJ FM	54103	99.5	2.7 KW 147 METERS	
Shadyside, OH	WVKF FM	39013	95.7	6.8 KW 191 METERS	PN
Weirton	WEIR AM	54029	1430	1./1. KW DA-2 U	PN
West Liberty	WGLZ FM	54069	91.5	.150 KW 65 METERS	PN
Wheeling	WEGW FM	54069	107.5	10.5 KW 269 METER	LP-2
Wheeling	WOVK FM	54069	98.7	50. KW 119 METERS	SR/LP-1
Wheeling	WVNP FM	54069	89.9	25.0 KW 152 METERS	PN
Wheeling	WKWK FM	97.3	97.3	50. KW 128 METERS	LP-1
Wheeling	WWVA AM	54069	1170	50./50. KW DA-N U	SR/LP-1
Wheeling	WKKX AM	54069	1600	5/.033 KW ND-1 U	PN
Wheeling	WBBD AM	54069	1400	1. KW ND 1-U	PN
Wheeling	WTRF TV	54069	DT CH 07 (7.1)	25.4 KW 293 METERS	PN



Annex I

Integrated Public Alert Warning System – IPAWS

EXECUTIVE SUMMARY

The Integrated Public Alert and Warning System (IPAWS) is designed to improve public safety through the rapid dissemination of emergency messages to as many people as possible over as many communications devices as possible. To accomplish this, IPAWS is expanding the traditional Emergency Alert System (EAS) to include more modern technologies. At the same time, the Federal Emergency Management Agency (FEMA) is upgrading the alert and warning infrastructure so that no matter what the crisis, the public will receive life-saving information.

The advent of new media has brought a dramatic shift in the way the public consumes information. IPAWS capitalizes on multiple electronic media outlets to ensure that the public receives life-saving information during a time of national emergency.

IPAWS Technology Allows For Local Warning

In West Virginia, EAS is a system used by the state Emergency Operations Center (EOC) to send statewide alerts and warnings and to relay Presidential messages. The National Weather Service (NWS) has been the primary user of the technology to send severe weather warnings over their National Oceanic and Atmospheric Administration (NOAA) Weather Radio System. EAS has not seen wide usage at a local level in West Virginia for many years. EAS responsibilities have been shared by West Virginia Division of Homeland Security and Emergency Management (WVDHSEM) EOC, NWS and the West Virginia Broadcasters Association since the inception of EAS in the 1990s. Although designed to be a bottom-up system, it has remained a top-to-bottom warning system on a regional and/or statewide basis. Local use has been spotty. Local warning in rural areas with EAS is hampered by the lack of broadcast radio stations. Many jurisdictions do not have a local radio station and many local stations do not originate their programming. The result is an EAS system that is not local. IPAWS technology supports local warning.

Historically, the public depended exclusively on radio and television to receive alerts, but current research shows that radio and television reach less than 40% of the population during the work day. Less than 12% of the population is watching television in the middle of the night, and only 5% is tuned to the radio. Television and radio will continue to be valuable sources of public information, but their reach is decreasing. Further, these information sources can only target a state or regional area and do not encompass alerting for people who do not speak English or those with disabilities and other with access and functional needs, including the 29 million hearing impairment.

Today, the Internet and cellular phones are increasingly popular and therefore are valuable sources of information. One study showed that the Internet has a 62% usage rate by the general population, averaging 108 minutes a day per user. While television remains the most popular source for information, the Internet ranked either first or second at both work and home.

Authorized Use of IPAWS

IPAWS may be used to alert the public to events that pose a threat to life and/or property. Presidential messages are issued by the President of the United States. AMBER Alerts are issued by the National Center for Missing and Exploited Children (NCMEC) in consultation with state and local AMBER coordinators. Critical weather warnings (e.g. tornados, flash floods, hurricanes, blizzards or ice storms, and dust storms) are issued by NWS. IPAWS will not be used by NWS for other watches and warnings.

Alerts issued by an authorized public safety agency using IPAWS may be disseminated to: broadcast media (EAS), weather radios (non-weather emergency messages, or NWEM), cellphones and other mobile devices via Wireless Emergency Alerts (WEA), internet services, road signs, sirens, etc. Some alerts may be selected to broadcast to one alerting technology, while other alerts may be selected to go to numerous alerting technologies. The primary capability of a WEA (cellphone message) is to quickly announce that an event is occurring or is imminent in the geographic area in which the recipient is located. WEA messages are limited to 90 characters. EAS (broadcasters) and NWEM (weather radio) alerts can provide more information. For example, the "Headline" element of a NWEM message may be 160 characters and the "Description plus instruction" elements may be up to 160 words total.

Types of IPAWS Messages

There are several types of alert messages for which {authorized alerting authorities} will use IPAWS.

✓ **Warning messages:** Warning messages are issued for those events that alone pose a significant threat to public safety and/or property, probability of occurrence and location is high, and the onset time is relatively short.

✓ **Emergency messages:** Emergency messages are issued for those events that by themselves would not kill, injure, or damage property, but indirectly may cause other things to happen that result in a hazard.

Those persons authorized by to send EAS messages may also send IPAWS Alerts. In addition, local jurisdictions that have completed the necessary training, completed the necessary paperwork through the IPAWS office and approved by the Director of WVDHSEM are also authorized to send the alerts.

Event Codes that can be sent via all three primary (EAS, WEA, NWS) dissemination channels

AVW:	Avalanche Warning
CAE:	Child Abduction Emergency
CDW:	Civil Danger Warning
CEM:	Civil Emergency Message
EQW:	Earthquake Warning
EVI:	Evacuation Immediate
FRW:	Fire Warning
HMW:	Hazardous Materials Warning
LAE:	Local Area Emergency
LEW:	Law Enforcement Warning
NUW:	Nuclear Power Plant Warning
RHW:	Radiological Hazard Warning
SPW:	Shelter in Place Warning
VOW:	Volcano Warning

Additional Event Codes with restricted dissemination channels

ADR:	Administrative Message (Will NOT go to WEA)
AVA:	Avalanche Watch (Will NOT go to WEA)
TOE:	911 Telephone Outage Emergency (Will NOT go to WEA)
RMT:	Required Monthly Test (Will NOT go to NWEM or WEA)
RWT:	Required Weekly Test (Will NOT go to NWEM or WEA)

Training Requirements

Prior to accessing the system and posting alerts, training requirements for IPAWS are as follows:

- ✓ Computer Security Awareness training prior to initial access and annually thereafter, either a locally delivered course or, if not available locally, Domestic Preparedness Campus online course, CYBER 175-W (175-W) — Information Security for Everyone (http://www.teexwmdcampus.com/wbtClass_info.k2?wbtClassID=108)
- ✓ IS-247.A course for COG point of contact (POC) and any user with alerting authority for IPAWS public alerts (<http://training.fema.gov/EMIWeb/IS/is247a.asp>)

The COG POC must complete IS-247.A and submit a copy of his/her training certificate as part of the application process. All other training records are maintained locally.

Annex J

Common Alert Protocol – CAP

EAS PARTICIPANTS RECEIVE CAP-FORMATTED ALERTS

All EAS Participants must be able to handle CAP-formatted EAS alerts. For more information on monitoring specific CAP-formatted EAS Alerts please see the FEMA website at <http://www.fema.gov/common-alerting-protocol> .