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## WARNING PLAN ANNEX

### I. PURPOSE

This plan outlines the procedures for warning the public, and city and county officials of emergency situations that may threaten life and property. This plan is supplemented by a procedural plan for use by Boulder Regional Communications Center (BRCC) personnel that details specific steps for various warning situations.

### II. GENERAL INFORMATION

When danger threatens, timely warning is of critical importance for saving lives and property. Upon receipt of a warning, persons responsible for alerting others should take steps required to disseminate the warning.

Severe weather, hazardous material spills, off-site contamination from Rocky Flats, flash floods and other disaster warnings can be received in Boulder from many sources; weather service, law enforcement personnel, automatic flash flood sensors, cities and communities, volunteer fire departments, city and county employees, and other individuals. Depending on the situation, warning may be disseminated by some or all of the available means: telephone, Pager Alert System, Emergency Warning and Evacuation Service, warning fanout, Citizens Alert Radio, commercial radio stations, voice override on cable television stations, sirens, and personal contact. Radio and television stations, along with Citizens Alert and the Emergency Warning and Evacuation Service (EWE) provide the best means of warning people in many areas of the county. Battery powered radios and televisions provide the surest means of receiving warning.

The first warning of an attack, an accidental launch of a nuclear weapon, or severe weather will be received at the Boulder Regional Communications Center through the National Warning System (NAWAS).

Cities and communities that receive warning information from Boulder according to this plan also in turn warn Boulder and other cities if they are the first points of contact for emergencies affecting the City and County of Boulder.

### III. BOULDER 24 HOUR WARNING POINT

The Boulder 24-Hour Warning Point is located in the Boulder Regional Communications Center, and manned by Communications Center personnel. It is the focal point for receiving and disseminating warning in the county.

The official-in-charge of the Boulder Communications Center is the Boulder Warning Point Supervisor. The supervisor will direct the operations of the Boulder Warning Point and will insure that the personnel on each shift understand the provisions of this warning plan and are capable of receiving and disseminating warning information.

The Communications Manager is the Deputy Warning Point Supervisor during his shift. He will assist the Warning Point Supervisor and act for him in his absence.

### IV. ALERTING AND NOTIFICATION--KEY OFFICIALS

In addition to the normal alerts and notifications by Boulder Regional Communications Center, for example, the Emergency Services Group Page, Emergency Alert System and the Citizens Alert Radios, the following notifications will be made by phone by the City/County Office of Emergency Management. Most of these notifications are redundant with those done by Boulder Regional Communications Center.

\_\_\_\_ Boulder County Commissioners  
\_\_\_\_ Administrative Assistant to the Board of  
County Commissioners  
\_\_\_\_ City Manager  
\_\_\_\_ Deputy City Manager  
\_\_\_\_ Mayor of the City of Boulder  
\_\_\_\_ City and County Public Information Officers  
\_\_\_\_ Colorado Department of Local Affairs (DOLA),  
Office of Emergency Management (OEM).  
\_\_\_\_ St. Vrain and Boulder Valley School Districts.

Names and phone numbers for these officials are contained in the Key Personnel, Annex D, Emergency Operations Plan.

### V. WARNING CAPABILITY

#### *National Warning System (NAWAS)*

The NAWAS consists of private line voice circuits. The detection systems of the North American Air Defense Command (NORAD), and other sources, provide the information from which NORAD commanders

determine the probability or imminence of attack. This information is made available to the National Warning Center at NORAD and provides the basis for the dissemination of information about **Attack Warnings** and **Accidental Launch** of nuclear weapons to warning points throughout the country. (See Page B-8 - B-9)

The National Weather Service, Denver, uses the NAWAS to disseminate **Weather Related Warnings** to warning points in Colorado. (See Page B-8)

Two warning points in this system are located in Boulder; the Boulder Warning Point in the Communications Center, and the Boulder Alternate Warning Point in the City/County Office of Emergency Management. The warning point in the Communications Center is monitored 24 hours a day. The Alternate Warning Point in the City/County Office of Emergency Management is monitored during normal working hours.

### **Emergency Alert System (EAS)**

On January 1, 1997, the Federal Communications Commission (FCC) replaced the Emergency Broadcast System (EBS) with the new Emergency Alert System (EAS). This digital system works with both new and established communications technologies, including satellite, broadcast and cable systems. EAS helps to make the disaster warning system more effective by emphasizing speed, reliability, and efficiency. It is designed to reduce property damage, injuries and deaths resulting from natural and human-caused disasters. (See 47 CFR Part II of FCC's rules.)

The FCC designed the new EAS by working with the National Weather Service (NWS) and the Federal Emergency Management Agency (FEMA). Their roles are as follows:

- C The FCC provides information to broadcasters, cable system operators and other participants regarding requirements of the EAS.
- C The NWS emergency weather information is used to alert the public.
- C FEMA provides direction for state and local emergency planning officials to plan and implement their roles in the EAS. The new digital technology distributes emergency information to the public.

The Emergency Alert System and the previous Emergency Broadcast System (created in 1963) were designed to provide the President with a means to

address the American people in the event of a national emergency. After activation of the EAS, the President would have access to broadcast stations, cable systems and participating satellite programmers to transmit a message to the public. Neither system has been activated for this purpose.

### **Boulder County EAS stations:**

#### **Boulder**

KBCO (AM) . . . . . 1190 . . . 303-631-2973  
KBCO (FM) . . . . . 97.3 . . . 303-444-5600  
KWAB (AM) . . . . . 1490 . . . 303-444-1490  
KGNU (FM) . . . . . 88.5 . . . 303-449-4885

#### **Longmont**

KLMO (AM) . . . . . 1060 . . . 303-776-2323  
KCDC (FM) . . . . . 90.7 . . . 303-776-4896

### **State of Colorado Primary Station:**

KOA-AM-850 (Local Primary Source-LP-1)  
KYGO-FM-98.5 (Local Primary Source-LP-2)

### **The EAS System can be activated locally by:**

\_\_\_\_ Emergency Management Director  
\_\_\_\_ Boulder County Sheriff  
\_\_\_\_ Manager, Boulder Regional Communication Center.

### **Emergency Warning and Evacuation Service (EWES) and the Emergency Preparedness Network (EPN)**

SCC Communications Corporation and US West partnered together for a warning and evacuation system for Boulder called the Emergency Warning and Evacuation Service, which is part of the Emergency Preparedness Network. The existing 9-1-1 database of telephone numbers and addresses is used in combination with detailed maps to help determine the geographic boundaries of an area impacted. The system is capable of calling up to 2,000 numbers in one minute. It is designed to deliver recorded information to endangered people in advance of a disaster or any major emergency. Messages can be delivered in various languages, as well as to pagers or the Emergency Alert System (EAS). Multiple floodplain areas can be handled during a single event with priority given to the area most impacted.

The service supports the four (4) following types of events that can be initiated by designated personnel.

### **Preplanned Events:**

The service provides customers the capability of creating and using events with preplanned geographic boundaries. Up to three (3) preplanned events can be created and the boundaries are defined by a polygon.

**Address and Radius or Intersection and Radius Events:**

Address and Radius or Intersection and Radius events are events that are not anticipated. The customer identifies the geographical area to be notified by providing a specific address or an intersection and a radius at the time the event is initiated. The radius must be specified in feet or miles. Areas are specified by an address or intersection point and radius. The radius is the distance from the point to which notification is extended. All have a circular shape. There is no limit to the number of these events a customer may request.

**Shape File Events:**

Shape File events are defined in special fields created by the customer on a computer at their site. The data file is transmitted to SCC prior to initiating an EWE Shape File Event. The boundaries of a Shape File Event are defined by a polygon and are only used once.

**Call Lists:**

Call lists are created by designating the name and telephone number of specific city officials and emergency personnel.

**Outdoor Warning Sirens**

Twenty-seven (27) fixed sirens are located in Boulder County in the cities of Boulder, Lafayette, Louisville, Longmont, Lyons, and Erie. Nine (9) of the ten (10) sirens in the City of Boulder have voice capability. Controls for activating sirens in Boulder, Louisville and Lafayette are in the Boulder Regional Communications Center (24-Hour Warning Point) and will be activated as needed, by the Warning Point Supervisor.

The University of Colorado has two (2) voice activated warning sirens located on campus. They cooperate with the City of Boulder when full scale testing is done during the flood season (April through August). The sirens at the University of Colorado are activated through the CU Police Department Communications.

**Steady Blast, 3-5 Minutes**, on Fixed Warning Sirens--- This is the Alert Signal. It means: **“Listen to Your Local Radio or Television Station for Essential**

**Emergency Information.”** This signal is used to alert the public to impending danger such as flood or tornado or to the fact that an important message will be broadcast by radio or television.

**Wavering Tone, 3-5 Minutes**, on Fixed Warning Sirens---This signal means: **“Actual Attack Against This Country Has Been Detected--Take Protective Action Immediately.”** This signal will be used for ATTACK WARNING only.

**Citizens Alert System**

A Citizens Alert System is a 24-hour alert and warning system toned with a voice warning message by the Boulder Regional Communications Center. This unit is currently in many nursing homes, businesses and homes and in all Boulder Valley and St. Vrain schools administrative offices. It will be used to alert and warn of floods, tornadoes, high winds or any natural or manmade disaster.

**Radio And TV Stations**

Radio and TV stations will broadcast warning information received from warning points. All radio and television stations in the greater Denver metropolitan area can be reached with one phone call on the Metropolitan Emergency Telephone (METS) system. All local radio and television stations can be reached by activating the Emergency Alert System (EAS). The EAS and METS systems are discussed in detail on pages B-2 and B-4 respectively.

**NOAA Weather Radio**

NOAA Weather Radio is a service of the National Oceanic and Atmospheric Administration of the U. S. Department of Commerce. It provides continuous, around-the-clock broadcasts of the latest weather information directly from National Weather Service (NWS) offices. Taped weather messages are repeated every four to six minutes and are routinely revised every two to three hours, or more frequently if needed. The broadcasts are tailored to weather information needs of people within the receiving area. During severe weather, National Weather Service forecasters can interrupt the routine weather broadcasts and substitute special warning messages. Special weather radio receivers are available for purchase at local electronics stores. At the present time reception in the City of Boulder is sometimes spotty. The signal cannot be received in the canyon areas. This radio operates on three high-band FM frequencies: 162.40, 162.475 or 162.55 MHZ.

**Voice Over-Ride Cable Television**

Multiple Agency Coordinating System (MACS) personnel can voice override all City of Boulder cable programming for emergency messages. Voice Override for Cable Television is also currently available through the Police Department in the cities of Longmont, Louisville, Lafayette, and Broomfield. This warning capability exists for each of these cities for persons residing and subscribing to the cable networks within their city limits.

### **Metropolitan Emergency Telephone System (METS)**

METS is a specially designed telephone system for alerting law enforcement and other response agencies as well as Denver media of emergency situations. The particular value of METS to Boulder Regional Communications Center is the ability to instantly notify all Denver media of any life threatening situations in Boulder County that can be immediately broadcast on all Denver radio and television stations. Since many Boulder County residents watch Denver television and listen to Denver radio stations, this is a very valuable warning system for Boulder County and all of the municipalities.

### **City and County Warning Fan-Out Plan**

This plan provides for disseminating warning information to persons and places throughout the county, using radio, tone alert system, private wire and telephone. (See Page B-12)

If it is necessary to disseminate a county-wide warning by telephone, use this procedure:

\_\_\_\_\_ Attempt to complete the call in the normal manner.

\_\_\_\_\_ If unable to complete the call, call the operator, tell her that this is an **Immediate Emergency**, ask for assistance.

City and County personnel can access an Emergency Voice Information System (303-441-4300) to get up-to-date details about a situation that may be occurring.

### **Emergency Vehicles**

Sirens and public address systems on law enforcement and fire department vehicles will be used to provide additional warning coverage.

## **VI. TESTS OF WARNING EQUIPMENT**

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Full scale (2 minute) test of the Warning Sirens are done on the first Monday of the months during flood season (April through August).

The Citizens Alert System is tested at the same time as the siren tests (on the first Monday of the months of April through August.) Other tests will be made when determined to be advisable by the Warning Point Supervisor or the Emergency Management Director. (See Page B- 7)

The NAWAS is tested by roll call at least twice a day by the State Warning Point (See Page B-4 - Procedures for NAWAS Tests-and also State NAWAS Procedures).

METS is tested the 2nd Wednesday of the month at 10:30 A.M. by the Denver Office of Emergency Preparedness. (See Page B-7)

Cable interrupt is tested once every 6 months during non-prime time by MACS personnel. The City/County Office of Emergency Management will monitor these tests. (See Page B-7)

The EAS is tested each week on random days and at random times by all participating broadcast stations and cable systems.

## **VII. PROCEDURES FOR ACTIVATING AND TESTING WARNING SYSTEMS**

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### **NAWAS**

#### **Activation Procedures:**

\_\_\_\_\_ NAWAS warnings of severe weather and floods are activated by the National Weather Service (NWS).

\_\_\_\_\_ NAWAS warnings of other emergencies are activated by the State Warning Point. (Colorado State Patrol)

\_\_\_\_\_ NAWAS warnings of enemy attack and accidental launch of nuclear weapons are activated by the North American Air Defense Command (NORAD).

#### **Test Procedures:**

\_\_\_\_\_ The State Warning Point will call the roll of warning points within the State at least twice a day.

\_\_\_\_\_ BRCC or the alternate warning point answers roll calls.

## **Emergency Alert System (EAS)**

### **Activation Procedures:**

The state is divided into local areas. Boulder County is in the METRO Local Area 3 which includes the counties of Adams, Arapahoe, Clear Creek, Denver, Douglas, Elbert, Gilpin, Jefferson and Park.

FCC rules state all broadcast stations must monitor two (2) EAS sources assigned when activation is requested by a designated official. Designated officials should coordinate EAS activation requests with the local primary source (LP-1) and with the (LP-2) as a backup. An activation request assumes that a disaster or emergency has reached a stage where EOC activation is in progress, and these actions need to be supplemented by public safety information from government entities.

Upon authentication, designated officials and EAS source personnel determine transmission details (e.g., live or recorded, immediate or delayed). Officials should provide emergency program material including a description of the emergency, actions being taken by local government, and instructions to the public.

### **The following format is suggested for designated officials to use when requesting an EAS activation:**

***"This is Larry Stern, director of the Boulder City/County Office of Emergency Management. I request that the Emergency Alert System be activated because of a large hazardous chemical spill in the vicinity of Pearl and 28th Streets in the City of Boulder. This spill is an immediate danger to the residents within a 10-block radius of the accident. All residents within the area should immediately evacuate the area."***

### **Boulder County EAS stations:**

#### **Boulder**

KBCO (AM) . . . . . 1190 . . . 303-631-2973  
KBCO (FM) . . . . . 97.3 . . . 303-444-5600  
KBVI (AM) . . . . . 1490 . . . 303-444-1490  
KGNU (FM) . . . . . 88.5 . . . 303-449-4885  
KRKS (FM) . . . . . 94.7 . . . 303-750-5667

#### **Longmont**

KLMO (AM) . . . . . 1060 . . . 303-776-2323  
KCDC (FM) . . . . . 90.7 . . . 303-776-4896

### **Primary Monitoring Sources:**

#### **LP-1: KOA-AM**

Station Contact: Personnel on duty  
Telephone: 303-892-4874  
On Air Hours: 24 Hours  
Frequency: 850 kHz

#### **LP-2: KYGO-FM**

Station Contact: Personnel on duty  
Telephone: 303-534-8121  
On Air Hours: 24 Hours  
Frequency: 98.5 MHz

### **Additional Monitoring Sources:**

National Weather Service  
Contact: Larry Mooney  
Telephone: 303-494-4479  
On air hours: 24 Hours  
Frequency: 162.550 MHz Denver  
162.475 MHz Boulder

Metro Area Emergency Alert System Repeater  
Contact: KOA-AM  
Telephone: 303-892-4800  
On the air: 24 Hours  
Frequency: 450.1875 MHz output of repeater,  
100 Hz PL tone  
455.1875 MHz input to repeater,  
100 Hz PL tone

### **Test Procedures:**

\_\_\_\_\_ Periodically tested by the EAS Radio station.  
(The FCC requires a weekly test by participating broadcast stations and cable stations on random days and at random times.)

## **Emergency Warning and Evacuation Service (EWES)**

### **Activation Procedures:**

The customer initiates an event by identifying a geographic area, recording a voice message to alert citizens of the impending emergency, and then notifying SCC. SCC launches the event by taking the geographic area and extracting the corresponding telephone number information from multiple databases, and then providing the voice message and telephone numbers to the outbound calling service.

The service supports the following types of events that can be initiated by designated personnel with the proper customer ID and access codes. (The types of events are detailed on page B- 2.)

- \_\_\_\_\_ Preplanned Events
- \_\_\_\_\_ Address or Intersection and Radius Events
- \_\_\_\_\_ Shape File Events
- \_\_\_\_\_ Call Lists

**Sample warning message:** "The City of Boulder is evacuating areas within the city limits adjacent to Boulder Creek due to the threat of flooding. Please evacuate using....."

**Test Procedures:**

**Sample test message:** "This is a test of the Boulder County Emergency Warning and Evacuation Service. PLEASE DO NOT CALL 9-1-1 FOR INFORMATION. This is a test and a test only. For a repeat of this message, press 1."

\*\*\*\*\*

**Outdoor Warning Sirens**

**Siren Locations**

**City of Boulder:**

- |   |   |
|---|---|
| Vectra Bank Building<br>14th and Walnut         | Creekside Elementary *<br>3740 Martin Drive |
| NIST*<br>325 Broadway                           | Fire Station #3 *<br>1580 - 30th Street     |
| Columbine School *<br>Floral Dr. & Repplier St. | Crest View Elementary *<br>1897 Sumac       |
| Paddock School *<br>Gillespie and Armer         | New Britain Building *<br>1101 Arapahoe     |

**University of Colorado:**

- |  |                                 |
|--|---------------------------------|
| Folsom Avenue *<br>Near Folsom Stadium | Research Park *<br>East of 30th |
|--|---------------------------------|

**\*Sirens with voice capability**

**Lafayette:**

- |  |   |
|--|---|
| Fire House<br>Harrison Avenue                  | Indian Peaks Area *<br>West Baseline                |
| Lamont Does Park *<br>500 East So. Boulder Rd. | Centaurus High School *<br>10300 E. So. Boulder Rd. |
| Blue Heron Estates *<br>North 95th Street      | South Point *<br>Highway 42 and 287                 |
| Old Water Treatment Plant*<br>West Baseline    | Lindenwood Park *<br>Glenwood Drive                 |

**\*Sirens in Lafayette have voice capability only when toned from Lafayette and not when activated from the Boulder Regional Communications Center.**

**Louisville:**

- Memory Square Park \*  
Spruce and Jefferson

**\*The siren in Louisville has voice capability only when toned from Louisville and not when activated from the Boulder Regional Communications Center.**

**Longmont:**

- 1100 Block South Bowen \*  
9th and Pace \*  
8th and Coffman Street \*

1500 Block Charles Drive \*  
North Shore Drive & Highway 66 \*  
21st and Bowen Street \*

**\*Sirens all have voice capability.**

**Town of Lyons:**

432 - 5th Avenue

**Town of Erie:**

1149 Telleen Avenue

**Sirens in Lyons and Erie do not have voice capability.**

**Activation Procedures:**

\_\_\_\_\_ BRCC personnel will activate the sirens by selecting the prerecorded message that applies to the emergency. For example: tornado warning, flash flood warning or a custom message. Message content is as follows:

***“TORNADO WARNING. Take Shelter Immediately. Listen to radio or TV.”***

***“Warning! Flash flooding of Boulder Creek is imminent. Leave immediately! Proceed to higher ground. Do not cross Boulder Creek!”***

***“Custom Message - to be sent to BRCC depending on the emergency, e.g., hazardous materials evacuation, follow-up for flood messages, etc.”***

The siren at the Vectra Bank Building at 14th and Walnut can be activated accidentally by lightning or other circumstances. If this occurs, activate the cancel signal. Normally this should deactivate the siren. If it does not, use the following information:

If the siren at the **Vectra Bank** Building is activated accidentally between 8:00 A.M. and midnight, Monday-Friday, call the building manager at 303-449-7400, and ask for a power shut off. Electric cut off is on the 9th floor in the elevator motor room. The circuit breaker is in the large panel across from the door marked C.D.

**Test Procedures:**

Full scale (2 minutes) tests of the Warning Sirens are done on the first Monday of the months during flood season (April through August).

\_\_\_\_\_ Establish the time of the test. Coordinate with the City/County Office of Emergency Management and the Fire Department.

\_\_\_\_\_ Notify the schools where sirens are located, if in session; Safety Director, NIST; Maintenance Office, Vectra Bank Building.

**TEST MESSAGE: “This is a warning systems test.” (Repeat 3 times in each direction.)**

**CANCELLATION MESSAGE: “Cancellation. All warnings canceled.”**

**Citizens Alert System**

**Activation Procedures:**

\_\_\_\_\_ On duty personnel at the Warning Point (Boulder Regional Communications Center) activate the Citizens Alert System and give a verbal message.

**Test Procedures:**

\_\_\_\_\_ The City/County Office of Emergency Management will coordinate publicity with all local media before each test.

\_\_\_\_\_ The City/County Office of Emergency Management will contact the schools before each test.

Tests of the system will be made on the first Monday of the months of April through August by the Warning Point Supervisor.

**Cable Television Voice Over-Ride**

Multiple Agency Coordinating System (MACS) personnel can directly issue warnings to the City of Boulder, selected areas in Boulder County, with cable television override, by notifying police departments in Louisville, Lafayette, Broomfield and the Communications Center in Longmont. The capability exists within these departments to override the cable channels and reach subscribers within their city limits.

**Activation Procedures:**

\_\_\_\_\_ For residents in Longmont, contact Longmont Communications Center and ask that message be aired.

\_\_\_\_\_ For residents in Louisville, contact Police Chief or officer on duty and ask that message be aired.

\_\_\_\_\_ For residents in Broomfield, contact Watch Commander or Communications Supervisor and ask that message be aired.

\_\_\_\_\_ For residents in Lafayette, contact Police Chief or officer on duty and ask that message be aired.

**Test Procedures:**

\_\_\_\_\_ On file in Boulder Regional Communications Center.

**Metropolitan Emergency Telephone System (METS)**

**Activation Procedures:**

\_\_\_\_\_ Pick up the handset and listen for dial tone.

\_\_\_\_\_ Dial METS/DTN activation code: 20# followed by the desired zone code.

\_\_\_\_\_ Wait approximately five seconds while subscribers pick up the line. (Depress the push-to-talk button on handset when talking, release when listening.)

\_\_\_\_\_ Relay your message.

\_\_\_\_\_ Repeat the message to make sure everyone heard the message in its entirety.

\_\_\_\_\_ End the call by stating your name and the agency name.

\_\_\_\_\_ Please make sure the handset is firmly placed on the telephone when you hang up. Leaving the phone off the hook may cause the entire system to lock up.

If area wide emergency (e.g., a tornado), normally dial 12 which activates entire METS system.

Other users are:

11 . . . . METS Activators

18 . . . . METS Receivers one way only. (Includes all Denver TV and Radio subscribers.)

16 . . . . Rocky Flats Special Zone

17 . . . . Denver City Agencies

(See METS Subscribers on Page B-13.)

**Test Procedures:**

\_\_\_\_\_ Pick up the handset and listen for dial tone.

\_\_\_\_\_ Dial METS activation code: (20#)

\_\_\_\_\_ After short delay (2-4 seconds) dial a desired zone: (12 - All METS Subscribers).

\_\_\_\_\_ Depress the push-to-talk button on phone handset and read the test message twice. Proceed with roll call after message has been read twice. Designate on message form which stations respond (on-line) to roll call. Recall stations that do not answer.

\_\_\_\_\_ Complete form with time of test, name of tester and date of the test.

**Roll call is the 2nd Wednesday of the month at 10:30 A.M.**

**VIII. WARNING ACTIONS**

***Weather Related Warnings***

***General***

Weather warnings, watches, bulletins, and statements are issued by the National Weather Service to warn of such conditions as tornadoes, high winds, severe storms, flash floods, cold waves, heavy snows and hazardous driving conditions. The NAWAS facilities will be used by the Weather Service for rapid dissemination of weather related warnings.

***Action By the National Weather Service***

When National Weather Service personnel determine that a special weather warning or watch should be issued, the procedure listed below normally will be followed. However, the Weather Service may call a Warning Point directly.

\_\_\_\_\_ The National Weather Service will call the State Warning Point by NAWAS, advise that a weather warning is to be released, and request the State Warning Point to ring the state circuit and advise those warning points concerned.

\_\_\_\_\_ The State Warning Point will ring the state circuit.

***Examples***

***"This Ring Is For The Boulder Warning Point Only. Other Stations Disregard."***

or

**"This Ring Is For The Denver Metropolitan Area Only. Other Stations Disregard."**

\_\_\_\_ After alerting the Warning Points, the State Warning Point will advise that a special Weather Service message is to be broadcast.

\_\_\_\_ The Weather Service operator will read the message when told that Warning Points are ready to copy.

**Actions By Boulder Warning Point (BRCC):**

Upon receipt of **Weather Related Warnings** that include Boulder County:

\_\_\_\_ Enter the message on the appropriate form, attached. Use of these forms will make copying easier. Add and strike out words as required.

\_\_\_\_ The following will be notified by pager:

\_\_\_\_ Public Works Director  
City of Boulder

\_\_\_\_ Street Department  
City of Boulder

\_\_\_\_ Emergency Management Director  
City/County Boulder

\_\_\_\_ Transportation Director  
Boulder County

\_\_\_\_ Road Maintenance  
Boulder County

\_\_\_\_ Notify Longmont Police.

\_\_\_\_ Report strong winds, the size of hail, heavy rain, tornadoes spotted to the National Weather Service, 303-494-2884 or by the NAWAS. Using the NAWAS, call **"Denver Weather."**

NOTE: See Annex D for contact names, if required.

**Attack Warning**

**General**

This is a general warning used to notify authorities that an attack against this country has been detected.

**Actions By National Warning Center**

The National Warning Center, after declaring the **Attack Warning**, disseminates it immediately through the NAWAS using the following procedures:

\_\_\_\_ Rings for five (5) seconds.

\_\_\_\_ Announces **"Attention all stations. Emergency. This is an attack warning. Repeat. This is an attack warning. (A statement of the cause is given.) Stand by for roll call. Acknowledge."**

**Actions By State Warning Point**

As soon as the State Warning Point has received the **Attack Warning**, the operator will call the roll of warning points within the state to insure that all have received the **Attack Warning**. The operator in the Boulder Warning Point (BRCC) will acknowledge the roll call by answering **"Boulder, Attack Warning."**

**Actions By Boulder Warning Point (BRCC):**

Upon receipt of an **Attack Warning**, the person in charge of the Boulder Warning Point will immediately do the following:

\_\_\_\_ Activate the sirens, using the **"Take Cover"** signal.

\_\_\_\_ Disseminate the warning information to all Emergency Alert System (EAS) radio stations:

<u>BOULDER</u>	<u>LONGMONT</u>
KBCO-AM-1190	KLMO-AM-1060
KBCO-FM-97.3	KCDC-FM-90.7
KBVI-AM-1490	
KGNU-FM-88.5	
KRKS-FM-94.7	

\_\_\_\_ Notify law enforcement cars in service. Police on patrol may use public address systems and sirens to disseminate the **Attack Warning** and proceed to destinations as directed by the Shift Commander. During periods of extreme international tension, warning actions to be taken by police on patrol will be reviewed with each shift.

\*\*\*\*\*

**Accidental Missile Launch**

**General Information**

Although the possibility is remote, the accidental launch of a nuclear weapon against the United States

could occur.

**Actions By The National Warning Center (NAWAS)**

The National Warning Center disseminates an **Accidental Launch Warning**, through the NAWAS using the following procedures and terminology.

**Warning Message For Threatened Area:**

***"Attention all stations. This is the National Warning Center, Emergency Warning for (City, County) (State). Accidental Missile Launch threatens the (City, County) (State) area at (local time). Advise population, by all means available, to take cover immediately--by lying down in basements or central parts of buildings.***

***"(State) acknowledge. Other stations stand by. Additional information will be furnished when available." (Message will be repeated once.)***

**Warning Message After A Nuclear Detonation:**

***"Attention all stations. This is the National Warning Center. An accidentally-launched nuclear weapon detonated in (City, County) (State) at (local time). Radioactive fallout is possible. The following emergency action advice will apply until further notice and should be disseminated by all means available.***

***"Persons in (City, County) (State) should be advised to remain under cover, and to await further instructions from state or local emergency management authorities. Persons in the counties of (counties by state) can expect fallout within one hour and are advised to take protective action in accordance with local community shelter plans or to improvise additional fallout protection as necessary and to be alert for further instructions from state or local emergency management authorities.***

***"Citizens in all other areas should be advised that protective action is not required at this time."***

**Action By Boulder Warning Point (BRCC):**

If Boulder is in the threatened area:

\_\_\_\_\_ Activate the sirens, using the **"take cover"** signal.

\_\_\_\_\_ Disseminate warning information over the Citizens Alert System.

\_\_\_\_\_ Notify law enforcement cars in service. Police

on patrol may use sirens, then public address systems to disseminate take cover instructions.

\_\_\_\_\_ Notify Boulder radio stations. Boulder radio stations will advise people to take cover immediately, by lying down in basements or central parts of buildings.

If Boulder is not in the immediate threatened area but is in the fallout area:

\_\_\_\_\_ Activate the sirens using the **"Alert Signal."**

\_\_\_\_\_ Disseminate the information over the Citizens Alert System.

\_\_\_\_\_ Notify law enforcement cars in service. Police on patrol may use sirens, then public address systems to disseminate shelter instructions.

\_\_\_\_\_ Notify Boulder radio stations. Boulder radio stations will advise people to take protective actions by moving to the nearest fallout shelter.

**IX. REPORTS NEEDED BY STATE AGENCIES**

**Downed Aircraft**

(Information requested and needed by State Agencies)

In addition to notifying the FAA and local agencies, Warning Point personnel will report downed aircraft to the State Warning Point (State Patrol Headquarters) over the NAWAS.

Initial reports will include all of the following information available.

\_\_\_\_\_ Identification of aircraft.

\_\_\_\_\_ Location.

\_\_\_\_\_ Time and date of crash or sighting.

\_\_\_\_\_ Destination.

\_\_\_\_\_ If fire or explosion resulted, a description of it.

\_\_\_\_\_ Whereabouts and condition of the crew and passengers.

\_\_\_\_\_ Name and address of the person to contact for further information.

Follow-up reports will include changes in the situation.

\*\*\*\*\*

**Natural Disaster**

(Information requested by and needed by State Agencies)

Warning Point personnel will report all significant natural disasters, potential or actual occurrences, such as fires, floods, etc., in Boulder County to the State Warning Point (State Patrol Headquarters) or the Alternate State Warning Point over NAWAS. Using the NAWAS call "Denver."

Whether or not an occurrence is "significant" will be determined by the Warning Point Supervisor, Chief of Police, County Sheriff, the Emergency Management Director, or their designee.

Initial reports will include all of the following information available:

- \_\_\_\_\_ Nature of the event.
- \_\_\_\_\_ Date and time.
- \_\_\_\_\_ Extent of area affected.
- \_\_\_\_\_ Location of fire, flood, etc.

Follow-up reports will include changes in the situation.

\*\*\*\*\*

**Air Pollution Alert Plan**

**Purpose**

To assist the County Health Department to receive air pollution alerts.

**General Information**

The Air Pollution Control Division of the State Health Department has an emergency plan for air pollution episodes. The plan includes notifying many persons and places of air pollution conditions. The State Air Pollution Division does not have enough personnel or communications equipment to handle these notifications with the desired speed.

If the situation requires, the State Air Pollution Control Division will ask the State Office of Emergency Management (OEM) to assist. The State OEM will relay information for the County Health Department through the National Warning System (NAWAS) to Boulder Warning Point (BRCC 24 hours a day) and the City/County Office of Emergency Management (during normal working hours).

The terms "Air Pollution Forecast"--"Alert Level"--"Warning Level"--and "Emergency Level" will be used to describe air quality and weather conditions.

**Actions By Warning Point Personnel (BRCC) And City/County Office of Emergency Management**

During normal office hours, the State OEM will notify the City/County Office of Emergency Management. Emergency Management personnel will notify Boulder County Health Department personnel.

During other than normal office hours, the Boulder Warning Point will be notified through the NAWAS. Warning point (BRCC) personnel will page all on-call Health Department Personnel.

**Termination Or Change**

Upon receipt of information that the "Air Pollution Forecast"--"Alert Level"--"Warning Level" or "Emergency Level" has been terminated or changed, a Health Department official will be notified, using the same procedures outlined in Actions by Warning Point Personnel and City/County Office of Emergency Management.

**X. NATIONAL AND STATE WARNING PLANS**

The National Warning System (NAWAS) Operations Manual, the Colorado Warning Plan and the Local EAS Plan are made a part of this plan. (Issued to the Boulder Warning Point (BRCC) and Alternate Warning Point only (OEM).)



**Boulder County Warning Fan Out  
Boulder Regional Communications Center**

BOULDER COUNTY SHERIFF	= LG (PA)
BOULDER	= LG (FR) (PA)
LAFAYETTE	= LG (FR) (PA)
LOUISVILLE	= LG (FR) (PA)
NEDERLAND	= LG (FR) (PA)
LONGMONT	= R (T) (CLEER)
BROOMFIELD	= R (T) (CLEER)
UNIVERSITY OF COLORADO	= R (T) (PA)
ERIE	= LG (FR) (PA)
ALLENSPARK	= FR
BOULDER RURAL	= FR
MOUNTAIN VIEW	= FR
CHERRYVALE	= FR
SUPERIOR	= FR
COAL CREEK CANYON	= T (CLEER) (FR)
ELDORADO SPRINGS	= FR
MARSHALL	= FR
FOUR MILE CANYON	= FR
GOLD HILL	= FR
HIGH COUNTRY	= FR
HYGIENE	= FR
WARD	= LG (FR)
JAMESTOWN	= FR
PINEBROOK HILLS	= FR
SUGARLOAF	= FR
SUNSHINE	= FR

**NAWAS**

National Warning System

**STORRM**

Sheriff's Telemetry Operated Rainfall Monitoring System

**WARNING SIREN CONTROLS**

**DEFINITIONS**

LG = Local Government Radio System

FR = Fire Radio Tone Alert System

PA = Pager Alert System

CA = Citizens Alert System

T = Telephone System

CLEER = Colorado Law Enforcement  
Emergency Radio Network

( ) = Alternate Method

X = CAD (Computer Aided Dispatch  
System)

Persons and Agencies on the Pager Alert Warning System = PA  
Persons and Locations on the Citizens Alert Warning System = CA

## **METS Subscribers**

### **Zone 11 - Activators**

Denver Office of Emergency Management  
Arapahoe County Sheriff's Department  
Armada Police Department  
Aurora Communications Center  
Boulder Regional Communications Center  
Colorado State Patrol  
Colorado Office of Emergency Management  
Denver Fire Dispatch  
Denver Fire P.O.  
Denver Health - Paramedic Division  
Denver Health Medical Center Emergency Room  
Denver Police Dispatch  
Denver Police P.O.  
Denver Mayor's Office  
Denver Public Works Dispatch  
DIA - Operations  
DIA - Public Affairs  
Douglas County Communications  
Jefferson County OEM  
Jefferson County Sheriff  
Lakewood Communications Center  
Littleton Police  
National Weather Service  
Public Service Company  
Rocky Flats  
Rocky Mountain Arsenal EPC  
Rocky Mountain Arsenal Fire  
Rocky Mountain Security  
Rocky Mountain Poison Center  
St. Anthony's Hospital

### **Zone 18 - Receivers\***

Metro Traffic  
Rocky Mountain News  
KUSA TV - Channel 9  
KMGH TV - Channel 7  
KCNC TV - Channel 4  
KWGN TV - Channel 2  
KOA Radio  
KCFR Radio  
Associated Press  
Denver Post  
KNUS Radio  
KYGO Radio

\*This zone only receives. There is no 2-way communication with zone 18. BRCC can call and talk to all zone 18 receivers but the receivers cannot call BRCC.

### **Zone 16 - Rocky Flats Special Zone**

(Activators and Receivers)

Armada Police Department  
Boulder Regional Communications Center  
Colorado Office of Emergency Management  
Colorado State Patrol  
Denver Office of Emergency Management  
Jefferson County Sheriff  
Jefferson County OEM  
Rocky Flats

### **Zone 17 - City Agencies**

Denver Fire Dispatch  
Denver Fire P.O.  
Denver Health - Paramedic Division  
Denver Health Medical Center Emergency Room  
DIA - Operations  
DIA - Public Affairs  
Denver Office of Emergency Management  
Denver Police Dispatch  
Denver Police P.O.  
Mayor's Office  
Public Works Dispatch  
Colorado Office of Emergency Management

### **Zone 12 - All METS Subscribers**

**Tornado Warning**

A TORNADO WARNING IS IN EFFECT UNTIL \_\_\_\_\_ AM  
IN \_\_\_\_\_ PM FOR PERSONS

\_\_\_\_\_  
(Name of counties or other locations as appropriate)

A TORNADO WAS SIGHTED \_\_\_\_\_ INDICATED BY RADAR  
\_\_\_\_\_  
REPORTED BY A SPOTTER \_\_\_\_\_ MILES  
No. (Direction)

OF \_\_\_\_\_ AT \_\_\_\_\_ AM  
(Town) (State, if needed) (Time) PM. THIS TORNADO

IS MOVING TOWARD THE \_\_\_\_\_  
(Direction and Speed) (Remarks)

IF A TORNADO IS SIGHTED.....BE PREPARED TO MOVE TO A PLACE OF SAFETY.

TO REPORT A TORNADO.....CALL THE NATIONAL WEATHER SERVICE - 361-0663.

ISSUED \_\_\_\_\_ AM  
\_\_\_\_\_  
(Time) PM (Date)

**Public Tornado Watch**

TORNADO WATCH BULLETIN NUMBER \_\_\_\_\_  
\_\_\_\_\_

ISSUED \_\_\_\_\_ (MST, MDT) \_\_\_\_\_  
\_\_\_\_\_ (Date)

THE NATIONAL WEATHER SERVICE HAS ISSUED A TORNADO WATCH FOR \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

THE THREAT OF (ONE OR TWO ISOLATED, A FEW, SEVERAL) TORNADOES WILL EXIST IN  
(THESE AREAS, THIS AREA) FROM \_\_\_\_\_ UNTIL \_\_\_\_\_  
\_\_\_\_\_. (MST, MDT) THIS \_\_\_\_\_. (A FEW SCATTERED, SEVERAL,  
NUMEROUS) Example, Mon. Afternoon

SEVERE THUNDERSTORMS WITH LARGE HAIL AND LOCALLY DAMAGING WINDS ARE ALSO  
FORECAST. THE GREATEST THREAT OF TORNADOES AND SEVERE THUNDERSTORMS IS IN AN  
AREA ALONG \_\_\_\_\_ MILES EITHER SIDE OF A LINE FROM \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

PERSONS IN OR CLOSE TO THE TORNADO WATCH AREA ARE ADVISED TO BE ON THE WATCH  
FOR LOCAL WEATHER DEVELOPMENTS AND FOR LATER WEATHER STATEMENTS AND  
WARNINGS.

DATE RECEIVED \_\_\_\_\_

TIME RECEIVED \_\_\_\_\_

**Severe Thunderstorm Warning**

A SEVERE THUNDERSTORM WARNING IS IN EFFECT UNTIL \_\_\_\_\_ AM  
\_\_\_\_\_ PM FOR PERSONS IN

\_\_\_\_\_  
(Name of counties or other locations as appropriate)

\_\_\_\_\_  
LINE OF THUNDERSTORMS INDICATED BY RADAR  
A SEVERE THUNDERSTORM WAS SIGHTED \_\_\_\_\_ MILES  
REPORTED BY THE PUBLIC

\_\_\_\_\_  
OF \_\_\_\_\_  
(Direction) (Town) (State, is needed)

AT \_\_\_\_\_ AM (SEVERE THUNDERSTORMS)  
PM. THE LINE OF (THUNDERSTORMS) IS MOVING TOWARD THE

\_\_\_\_\_  
(Direction and Speed)

BE PREPARED TO MOVE TO A PLACE OF SAFETY IF HAIL AND DAMAGING WINDS ARE SIGHTED.

TO REPORT LARGE HAIL OR DAMAGING WINDS CALL THE NATIONAL WEATHER

SERVICE 361-0663.

ISSUED \_\_\_\_\_ AM  
\_\_\_\_\_ PM

**Public Severe Thunderstorm Watch**

THE NATIONAL WEATHER SERVICE HAS ISSUED A SEVERE THUNDERSTORM WATCH FOR

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\_\_\_\_\_ THE THREAT OF (ONE OR TWO

ISOLATED, A FEW, SCATTERED, SEVERAL NUMEROUS) SEVERE THUNDERSTORMS WITH LARGE

HAIL AND DAMAGING WINDS WILL EXIST IN THESE AREAS FROM \_\_\_\_\_ UNTIL \_\_\_\_\_

\_\_\_\_\_ (MST, MDT) THIS

---

\_\_\_\_\_ (Morning, Afternoon, Evening)

THE SEVERE THUNDERSTORMS ARE EXPECTED IN AN AREA ALONG AND \_\_\_\_\_

—

MILES EITHER SIDE OF A LINE FROM \_\_\_\_\_

---

---

\_\_\_\_\_

PERSONS IN OR CLOSE TO THE SEVERE THUNDERSTORM WATCH AREA ARE ADVISED TO BE ON THE WATCH FOR LOCAL WEATHER DEVELOPMENTS AND FOR LATER STATEMENTS AND WARNINGS.

DATE RECEIVED \_\_\_\_\_

TIME RECEIVED \_\_\_\_\_

## **Flash Flood Warning**

A FLASH FLOOD WARNING IS IN EFFECT UNTIL \_\_\_\_\_ AM  
IN \_\_\_\_\_ PM FOR PERSONS

\_\_\_\_\_  
(Name of counties or other locations as appropriate)

\_\_\_\_\_  
THE THREAT OF FLASH FLOODING WILL EXIST IN (THESE AREAS, THIS AREA) FROM \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ UNTIL \_\_\_\_\_ (MST, MDT) THIS \_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
Example, Mon. Afternoon

PERSONS IN OR CLOSE TO THE FLASH FLOOD WARNING AREA SHOULD BE PREPARED TO  
MOVE TO HIGHER GROUND.

ISSUED \_\_\_\_\_ AM  
\_\_\_\_\_ PM \_\_\_\_\_  
\_\_\_\_\_  
(Time) Date

**Limited All-Clear Bulletin**

THE \_\_\_\_\_ THAT WAS REPORTED \_\_\_\_\_ MILES  
(Type of Storm) (No.)

\_\_\_\_\_ OF \_\_\_\_\_  
(Direction) (Town) (State)

AT \_\_\_\_\_ AM HAS WEAKENED  
PM DISSIPATED AND IS NO LONGER  
PASSED OUT OF THE AREA

CONSIDERED DANGEROUS. PERSONS IN \_\_\_\_\_  
Names of cities, counties or

\_\_\_\_\_ other locations as appropriate

CAN NOW RESUME NORMAL ACTIVITIES. HOWEVER THE \_\_\_\_\_

WATCH  
WARNING REMAINS IN EFFECT FOR \_\_\_\_\_

\_\_\_\_\_ Names of counties or

\_\_\_\_\_ or other locations as appropriate

(THESE AREAS) \_\_\_\_\_ AM  
AND PERSONS IN THIS AREA SHOULD BE ON THE ALERT UNTIL \_\_\_\_\_ PM

ISSUED \_\_\_\_\_ AM  
\_\_\_\_\_ PM. \_\_\_\_\_  
(Time) (Date)