

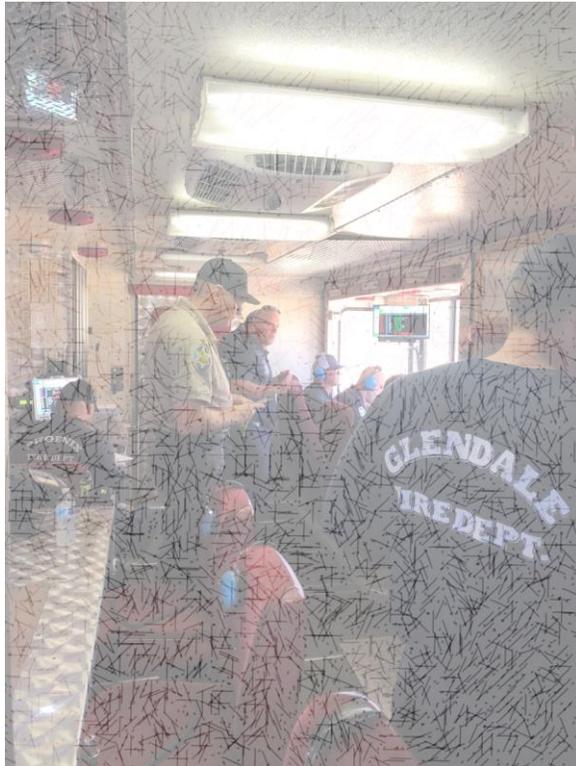
Phoenix Regional Automatic Aid System Overview

Presented by: Daisy Mtn Fire & Medical Fire Chief Brian Tobin

April 14, 2023



Phoenix Metropolitan Regional Dispatch Center



- Second largest Fire/EMS PSAP in the United States
- Responsible for dispatching emergency response apparatus for 21 fire/EMS agencies and 2 private ambulance companies
- These entities provide service to 29 jurisdictions across 4 counties
- Total service area covers 2,913 square miles
- 163 Fire Stations
- Approximately 600 frontline apparatus

500,000
Total
Incidents

1,000,000
Unit
Responses

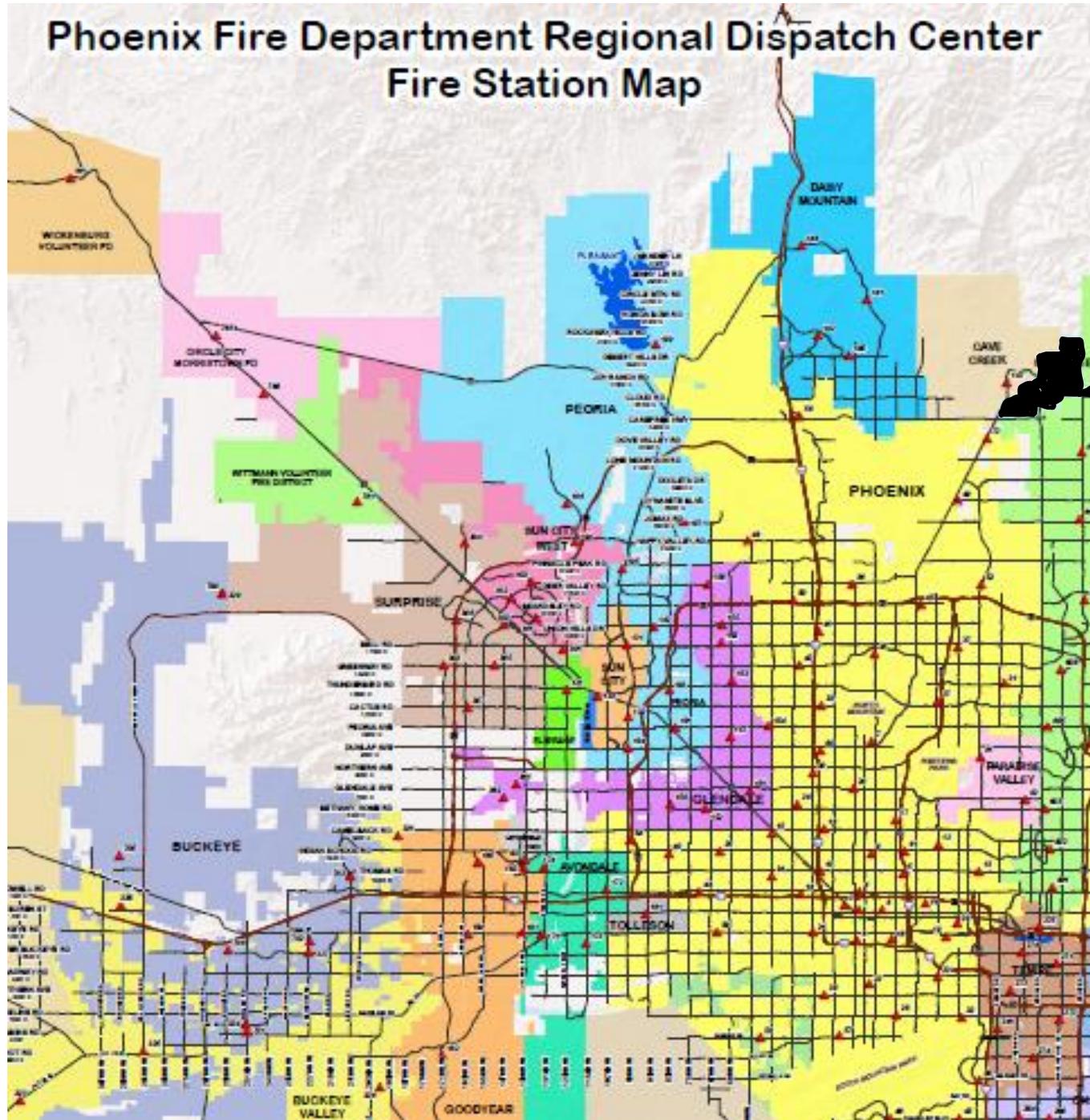
1 min 24
sec
(90th PCT)
Call
Processing
Time



National Public Safety
Telecommunicators Week

April 9-15, 2023

Phoenix Fire Department Regional Dispatch Center Fire Station Map



Regional Partner Start Dates

Start Date	Jurisdiction
1982	Glendale
1982	Tempe
1987	Peoria
1988	Tolleson
1989	Laveen
1990	Sun City
1991	Daisy Mountain
1994	Sun City West
1994	Guadalupe
1995	Avondale
1996	Sun Lakes
1998	El Mirage

Start Date	Jurisdiction
1998	Surprise
1999	Goodyear
2001	Chandler
2001	Buckeye
2001	Buckeye Valley
2005	Scottsdale
2007	Paradise Valley
2007	Maricopa
2010	Harquahala
2017	TonopahWittman
2020	Black Canyon City
2022	Cave Creek

Phoenix Automatic Aid System Milestones

- First FD in US to use mobile data terminals (MDTs)
- First FD to make dispatch's based on actual unit locations
- Implemented unit capability (ALS/BLS/MPW/etc.) dispatching in 1982
 - Almost 20 years before that functionality was offered commercially
- In 2005, Mesa FD Interconnect was first CAD-to-CAD interface that shared unit locations, availability and incident information between two CAD systems
- In 1990, started engineering and maintaining Station Alerting systems
- Phoenix has had over 100 years of progressive tradition in the Fire Service, which has been continued with a CAD System that meets the demands of changes to its service delivery model.

DMFD began service in the Town of Cave Creek in
January 2022.

Basic Fire Fighter Training Completed in December
2021

CALSC approved Automatic Aid in mid January
2022

Automatic Aid System Tenets

- All Participants must be part of a **Regional Dispatch System** (Phx or Mesa)
- The Computer Aided Dispatch and the required Automatic Vehicle Locator system will **automatically** determine the closest available, most appropriate unit(s) regardless of jurisdictional boundaries.

Automatic Aid System Tenets

Fire Fighter Safety

- The Dispatch System relies on a consistent and preplanned **radio system** with multiple tactical radio frequencies.
- Participants are required to provide for their **individual needs** to ensure consistent, interoperable and safe communications not only within their jurisdictional areas, but within the entire Automatic Aid System. (Carry over their radio channels to the system)
- All Participants must also be a member of the **Regional Wireless Cooperative** for radio system connectivity.

Automatic Aid System Tenets

Fire Fighter Safety

- All Participants will use **standard command procedures** for efficient management of the emergency and for the **safety of firefighters** through the use of standard terminology, reporting relationships, and support structures.
- The standard operating procedures adopted for use by all Automatic Aid Participants is the Phoenix Fire Department's "Bret Tarver" Manual, Volume 2.

Automatic Aid System Tenets

Fire Fighter Safety

- Command Officers that function in an Operational response capacity, attend at least 50% of the **Command Officer training** curriculum offered at the Phoenix Fire Department Command Training Center.
- To ensure safety, participants shall use an **Incident Safety Officer System** that will follow NFPA Standard 1521.

Automatic Aid System Tenets

Fire Fighter Safety

Participants shall maintain an inventory of **compatible equipment**, including hoses, couplings, pump capacity, communications equipment, and will maintain the minimum standard amount of equipment on each type of apparatus.

Automatic Aid System Tenets

Fire Fighter Safety

- Participants shall use standardized response criteria.
- The CAD system can tailor the response to specific types of incidents by jurisdiction upon request by the jurisdiction needing the tailored response.

Automatic Aid System Tenets

Fire Fighter Safety

- **Full staffing** as described in NFPA 1710 on engines and ladders provides the most efficient and effective personnel safety and service delivery to the public. System Participants recognize the importance of service delivery and personnel safety issues.
- The minimum daily staffing level for all engines and ladders **shall be four (4) members** which is "full staffing" under NFPA 1710.

Automatic Aid System Tenets

Fire Fighter Safety

To ensure safety, baseline knowledge and a consistent approach to performing tactical operations, all participants agree to require that all emergency response employees receive **initial firefighter recruit training** through a recognized regional fire training academy .

Governance

- CALSC (Central Arizona Life Safety Council)
 - Every Fire Chief from every partner agency
- ROCC (Regional Operations Consistency Committee)
 - Every Operations Chief from every partner agency
- Regional Consistent Fire Fighter Training
 - Phoenix, Glendale, Chandler, Gilbert, Mesa, Scottsdale
- One Regional Alarm Room (Dispatch Center)
- National Best Practice Standards and Benchmarks
 - NFPA (National Fire Protection Association) 1221 & 1710

Responsibilities of the Life Safety Council

The Life Safety Council **evaluates requests to participate** in this Automatic Aid Agreement from other fire departments/districts that are dispatched by the Phoenix Dispatch Center or Mesa Dispatch Center. Requests for participation will be evaluated to ensure compliance with the Automatic Aid Eligibility Standards and Requirements and to determine impact upon existing Participants.

Responsibilities of the Life Safety Council

Evaluate proposed modifications to a Participant's service delivery model for compliance with the criteria established and for impact on other Participants.

Certain changes to a Participant's operations within its service area have the potential to negatively affect its neighboring Participants and ultimately negatively affect the Automatic Aid System in its entirety.
The occurrence of service area changes is subject to review.

Responsibilities of the Life Safety Council

Vote for a **determination** as to whether if at any time, an Automatic Aid System Participant desires to **close a fire station and/or increase** its geographical/jurisdictional boundaries to include an area more than five (5) square miles, or reduce its level of fire, medical or emergency services provided within its municipal or jurisdictional boundaries as to whether the proposed newly modified area will remain eligible for automatic aid response or if the proposed newly modified area will then default to a mutual aid response.









Wildfire Season Outlook Monsoon Preview

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Unlisted EM phone: (602) 275-7003

Maricopa County Emergency Management
Advisory Committee
March 29, 2023

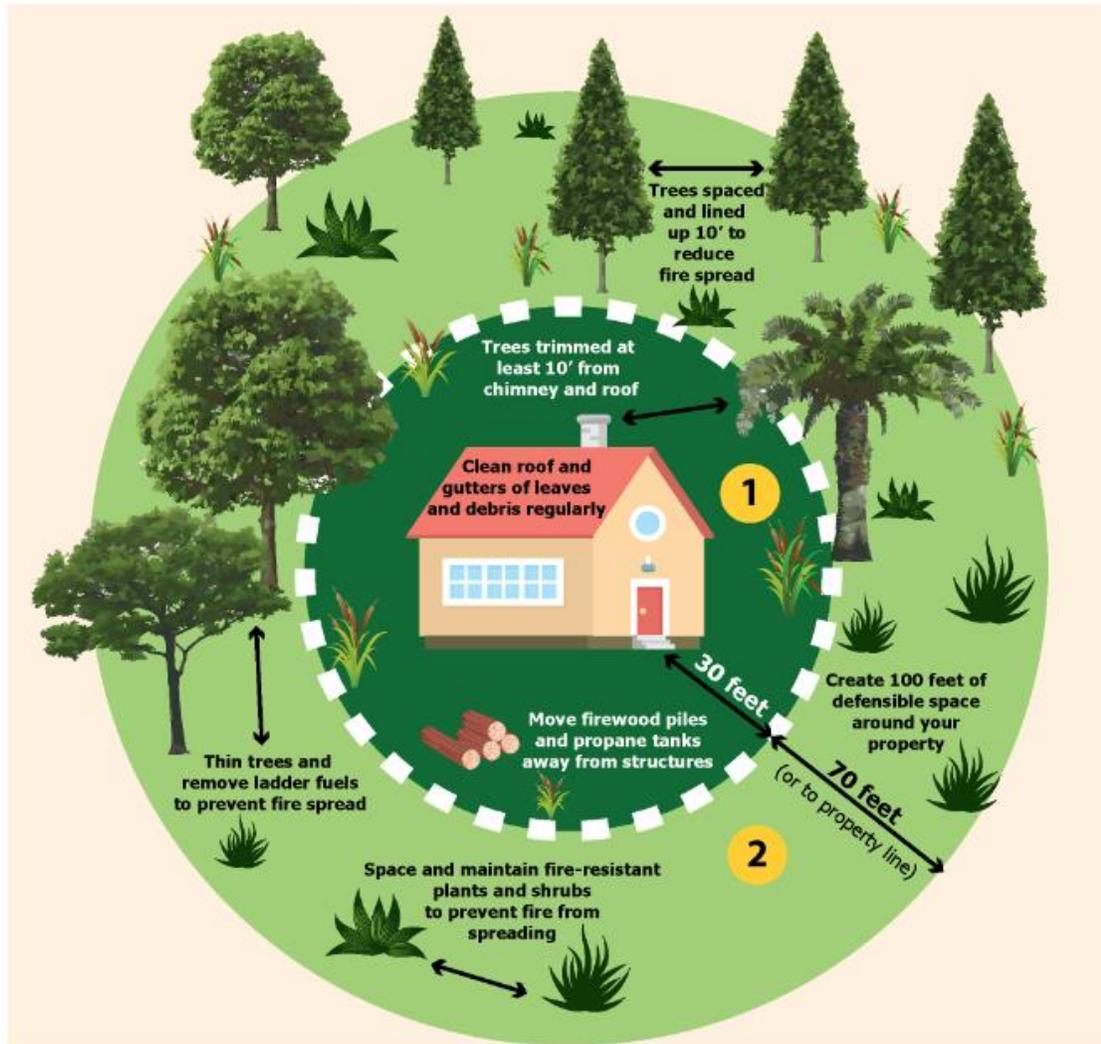


Summary



- Consecutive wetter than normal seasons (Monsoon 2022/Winter 2022-23)
 - Robust fine fuel growth - continuous bed of fuels for spread
- Slight tilt in odds for drier than normal late spring (~40%)
 - No sign of returning drought, but typically hot, dry in late spring anyways
- Enhanced wildfire threat lower deserts/brush belt
- Possible lower wildfire threat mountains of Arizona
 - Most concerned with Wittmann/Morristown area
 - Cave Creek/Carefree wildland/urban interface area
- No climate signal favoring wetter/drier Monsoon
 - Last 2 Monsoon's have been wetter - 3 consecutive is possible, but historically not common
 - Even in a typical Monsoon, several severe thunderstorms and flash flood events occur
- Heat remains the #1 Monsoon weather hazard - “exponential” increase in fatalities
 - HeatRisk remains NWS Phoenix measure to assess impacts and issue Warnings

So, what can we do?



**Make Your Home
FIRE SAFE**

DEFENSIBLE SPACE improves your home's chance of surviving a wildfire and protects the firefighters defending your home.

ZONE 1: 0 - 30 feet from buildings

Trim or prune shrubs/vegetation to a height of 2 feet and provide clear space around each plant of at least 4 feet.

NO FEE! GREEN WASTE DROP-OFF EVENTS

 GREEN WASTE ACCEPTED
AT NO COST



Brush



Branches



Grass



Leaves & Yard Trimmings

 GREEN WASTE ACCEPTED BUT
SUBJECT TO NORMAL WASTE FEES



Lumber



Stumps



Roots



Cactus

All green waste must be removed from plastic bags.



GREEN WASTE MIXED WITH TRASH, DIRT, ROCKS, METAL, ETC. WILL NOT BE ACCEPTED.

March 25 | April 22 | April 29

7 AM - 3 PM

Cave Creek Transfer Station

3955 E Carefree Hwy - Cave Creek, AZ 85331

Cave Creek Transfer Station location only
Commercial or business waste will not be accepted



READY, SET, GO for Evacuations

During any incident that may require you to evacuate, we want you to remember three things: **READY, SET, GO**

READY: Long before an emergency starts, you want to be prepared. Being READY means that you have an emergency plan created and a Go Bag packed.

Visit: [Maricopa.gov/preparedness](https://www.maricopa.gov/preparedness) for more tips on how to create a plan and a Go Bag.

SET: When the emergency starts, you need to be prepared to evacuate the area. Being SET mean that you put your go bag by the door, you gather your family and pets, including livestock and be poised to leave as soon as possible.

GO: Once you receive a notification to evacuate, GO as soon as possible. Take your pets with you.

Visit:

<https://ein.az.gov/ready-set-go>

for more information.

WHAT IS CENS?

CENS is the **Community Emergency Notification System**. The system is designed to rapidly notify an affected area of an emergency by sending a recorded message through the telephone system. It is often referred to as "Reverse 9-1-1".

HOW DOES IT WORK?

The Community Emergency Notification System (CENS) is an emergency notification tool that can be used within the greater Phoenix area (including portions of Pinal County in Apache Junction only.)

Emergency managers first identify on a map an area impacted by an emergency. CENS can then launch a recorded message (warnings, instructions, other information) to all land line telephone numbers within that area.

CENS does this by using the Maricopa Region 9-1-1 database to identify those phone numbers located within that area. However, the database does not include cell phones or Voice over Internet Protocol (VoIP) phone numbers **unless they are registered to that area.**

So, it's important to register these cell and/or VoIP numbers to receive important emergency messages which may be launched.

Caller ID devices will show a CENS message as a "REVERSE911CALL" with a (480) area code regardless of where the emergency is located. The system is designed to leave a message on voice mail or an answering machine. It is also designed to call back if the line is busy or if there is no answer.

There are three ways to register:

Online

Visit

<http://ready.maricopa.gov>

Click on this icon:



By Telephone

602-273-1411 | 602-244-1409 (TDD/TTY)
Mon - Fri 8am to 4pm

Do NOT dial 9-1-1 to register. 9-1-1 should only be used to report an emergency.

By Mail

Complete this form, tear at the perforation, seal pamphlet, and mail to the address listed on the reverse side. Postage is required.

A NOTE ON CENS ACTIVATION:

An email is required in order to set up accounts online. If your account is set up online by MCDEM, we will use your email as the username and password. **You must respond to your email in order to activate the CENS registration.** Please inform our office if you do not have an email address.

REGISTRATION INFO

*First Name	
*Last Name	
*Street Address	
*City	
*Zip Code	
County: Maricopa / Pinal	
*Cell/VoIP #1	
Receive Text Alerts? Y / N	
Cell/VoIP #2	
Receive Text Alerts? Y / N	
Cell/VoIP #2	
Receive Text Alerts? Y / N	
*Email	

*Required Field

Up to three phone numbers can be registered per address. Text alerts can be sent. Standard message and data rates may apply. Check with your carrier.

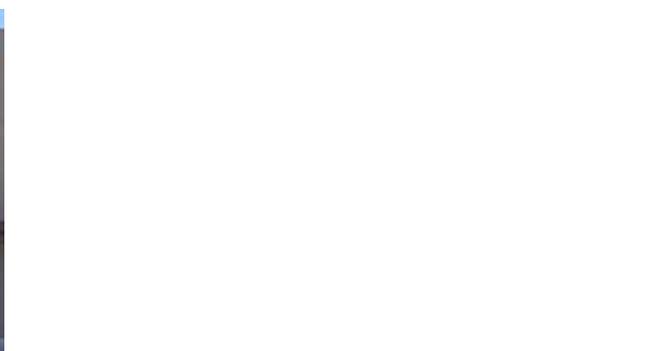


BE PREPARED.

STAY INFORMED.

REGISTER NOW!

<https://maricoparegion911.onthealert.com/>



Questions?



DAISY MOUNTAIN FIRE & MEDICAL

HONORABLE • COMPASSIONATE • EXCEPTIONAL

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