

# CAL FIRE/RIVERSIDE COUNTY FIRE DEPT.



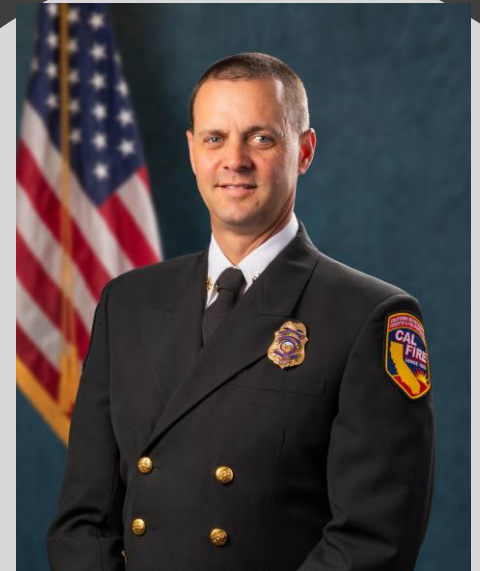
Presented By:

Chief Lonny Olson and Assistant Fire Marshal Kylie Tillema



# CHIEF LONNY OLSON

- Volunteer Firefighter 1994
- Professional fire career started in 1996
- Worked in Riverside County since 1998
- Western Operations Deputy Chief
- CAL FIRE Incident Management Team Incident Commander.



# FIRE SERVICES

The background image shows a fire station interior. In the foreground on the left, there is a large metal fire hose reel with a thick white hose coiled around it. In the middle ground, a red fire extinguisher is mounted on a wall. In the background, a fire truck is visible, parked in a bay. The overall scene is dimly lit, with a reddish-brown color cast.

**OFFICE OF THE  
FIRE MARSHAL**

**ADMINISTRATIVE**

**FIRE  
OPERATIONS**



# FIRE OPERATIONS

- All Risk
  - Fire Suppression
  - Emergency Medical Services
  - Rescue



## Regional, Integrated, Cooperative Fire Protection

- Arson Investigation
- EMD 911 Dispatch
- 56 Chief Officers
- 96 Fire Stations
- 125 Fire Apparatus
- Hazmat Team
- Wildland Resources





# FIRE OPERATIONS

- DIVISION CHIEF
- BATTALION CHIEF
- FIRE STATIONS
- FIRE ENGINES
- LADDER TRUCK
- MEDIC PATROL
- SQUAD



# FIRE EXPLORERS

## Fire Explorer Benefits:

- The opportunity to learn teamwork and leadership skills
  - High School credits
  - Competitive activities at Fire Explorer Musters
  - Challenge, Hard Work, Fun, and Friendship!
- 
- **Minimum requirements:**
  - Between 14 and 20 years old
  - Completion of the 8th grade
  - 2.0 or better grade point average



# EMERGENCY RESPONSES

2024 = 203, 000 calls for service

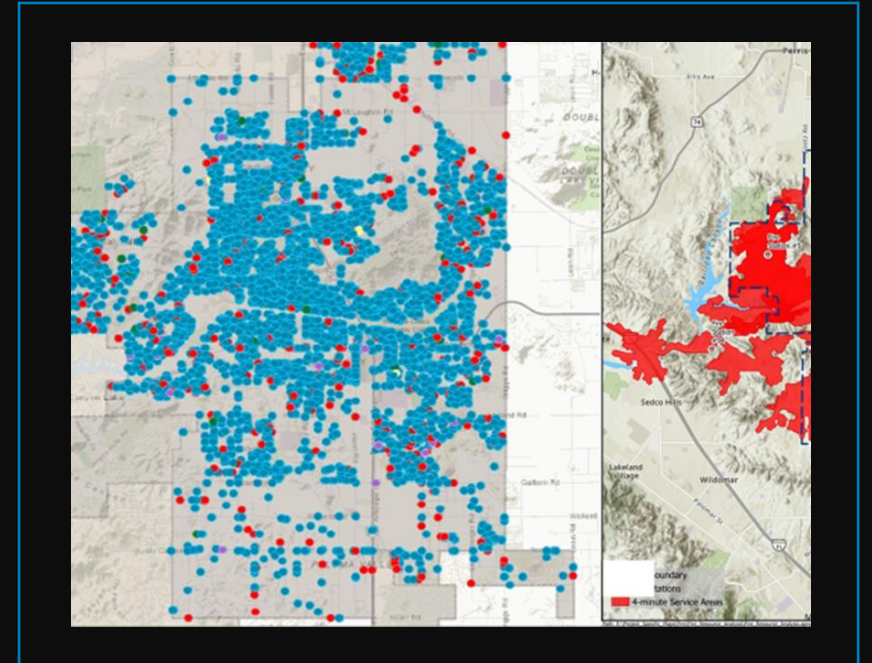
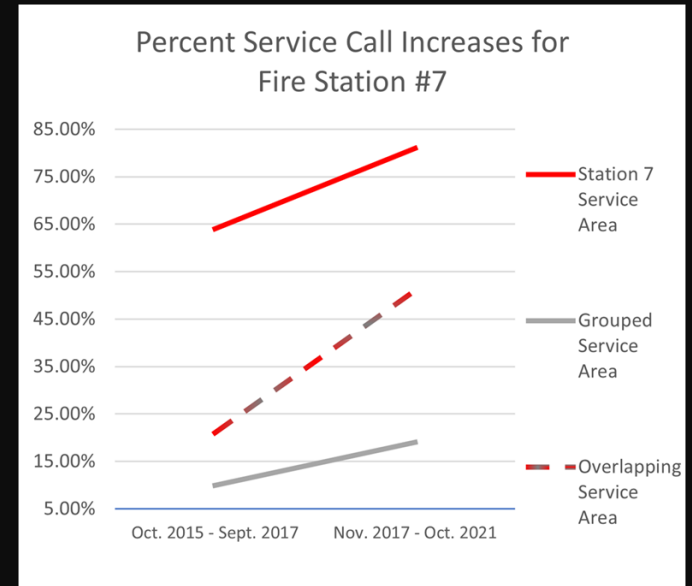
By 2034 estimated at 300,000+ calls for service





# FIRE STRATEGIC PLAN

- 3066 RUNS
- 4-MINUTE RESPONSE COVERAGE
- FUTURE FIRE STATIONS
- STAFFING & APPARATUS
- PHASED PLANNING





## Top 20 Most Destructive California Wildfires

	FIRE NAME (CAUSE)	DATE	COUNTY	ACRES	STRUCTURES	DEATHS
1	<b>CAMP</b> (Powerlines)	November 2018	Butte	153,336	<b>18,804</b>	85
2	<b>EATON</b> (Under Investigation)*	January 2025	Los Angeles	14,021	<b>9,413</b>	17
3	<b>PALISADES</b> (Under Investigation)*	January 2025	Los Angeles	23,707	<b>6,833</b>	12
4	<b>TUBBS</b> (Electrical)	October 2017	Napa & Sonoma	36,807	<b>5,636</b>	22
5	<b>TUNNEL - Oakland Hills</b> (Rekindle)	October 1991	Alameda	1,600	<b>2,900</b>	25
6	<b>CEDAR</b> (Human Related)	October 2003	San Diego	273,246	<b>2,820</b>	15
7	<b>NORTH COMPLEX</b> (Lightning)	August, 2020	Butte, Plumas, & Yuba	318,935	<b>2,352</b>	15
8	<b>VALLEY</b> (Electrical)	September 2015	Lake, Napa & Sonoma	76,067	<b>1,955</b>	4
9	<b>WITCH</b> (Powerlines)	October 2007	San Diego	197,990	<b>1,650</b>	2
10	<b>WOOLSEY</b> (Electrical)	November 2018	Ventura	96,949	<b>1,643</b>	3
11	<b>CARR</b> (Human Related)	July 2018	Shasta County, Trinity	229,651	<b>1,614</b>	8
12	<b>GLASS</b> (Undetermined)	September 2020	Napa & Sonoma	67,484	<b>1,520</b>	0
13	<b>LNU LIGHTNING COMPLEX</b> (Lightning/Arson)	August 2020	Napa, Solano, Sonoma, Yolo, Lake, & Colusa	363,220	<b>1,491</b>	6
14	<b>CZU LIGHTNING COMPLEX</b> (Lightning)	August 2020	Santa Cruz, San Mateo	86,509	<b>1,490</b>	1
15	<b>NUNS</b> (Powerline)	October 2017	Sonoma	54,382	<b>1,355</b>	3
16	<b>DIXIE</b> (Powerline)	July 2021	Butte, Plumas, Lassen, & Tehama	963,309	<b>1,311</b>	1
17	<b>THOMAS</b> (Powerline)	December 2017	Ventura & Santa Barbara	281,893	<b>1,063</b>	2
18	<b>CALDOR</b> (Under Investigation)	September 2021	Alpine, Amador, & El Dorado	221,774	<b>1,003</b>	1
19	<b>OLD</b> (Human Related)	October 2003	San Bernardino	91,281	<b>1,003</b>	6
20	<b>JONES</b> (Undetermined)	October 1999	Shasta	26,200	<b>954</b>	1

# READY, SET, GO!

## READY

- HARDEN YOUR HOME
- DEFENSIBLE SPACE
- FIRE-RESISTANT PLANTS

## SET

- ACTION PLAN
- PREPARE YOUR FAMILY
- GO BAG

## GO!

- SECURE YOUR HOME
- FOLLOW MESSAGING



# EVACUATIONS

## WARNINGS

- IMPENDING DANGER
- PREPARE
- MONITOR

## ORDERS

- LEAVE NOW
- KNOW YOUR ZONE
- MONITOR

## COMMUNICATION

- ALERTRIVCO
- WEA NOTIFICATIONS
- REVERSE 911
- DOOR KNOCKS

# INSURANCE

## FIRE RISK REDUCTION COMMUNITY

- BOARD OF FORESTRY
- EVERY TWO YEARS
- BEST PRACTICES

## FIREWISE

### NFPA

- HOA, CITY OR TOWN
  - 8-2500 homes
- VOLUNTEER HOURS
- CONTRACTED
- GRANTS

## FIRE SAFE COUNCILS

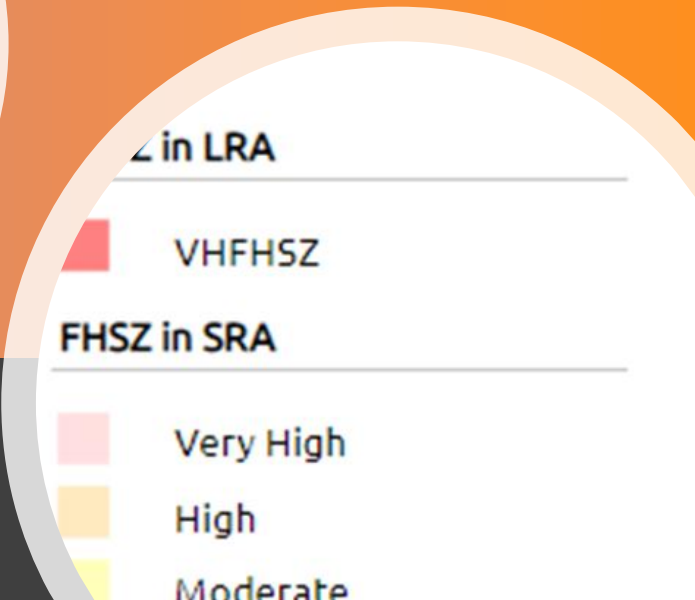
### CWPP

- FEMA.GOV
- OSFM.FIRE.CA.GOV
- FUELS REDUCTION
- EDUCATION



# DEFENSIBLE SPACE INSPECTIONS (AB38)

- ON AND AFTER JULY 1, 2021, WHEN YOU SELL PROPERTY THAT IS LOCATED IN A HIGH OR VERY HIGH FIRE HAZARD SEVERITY ZONE, YOU'LL NEED DOCUMENTATION OF COMPLIANT DEFENSIBLE SPACE INSPECTION.
- FOR MORE INFORMATION GO TO [WWW.FIRE.CA.GOV/DSPACE](http://WWW.FIRE.CA.GOV/DSPACE)
  - SEVERITY ZONE MAP
  - REQUEST FORM



# INFORMATION

[FIRE.CA.GOV](https://fire.ca.gov)

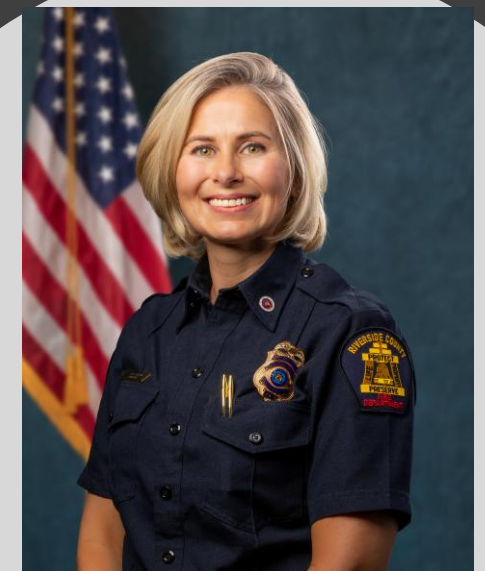
[RIVCOREADY.ORG](https://rivcoready.org)

[READYFORWILDFIRE.ORG](https://readyforwildfire.org)



# ASSISTANT FIRE MARSHAL KYLIE TILLEMA

- Reserve Firefighter 2005-2008
- Professional fire career started in 2008
- Office of the Fire Marshal since 2015





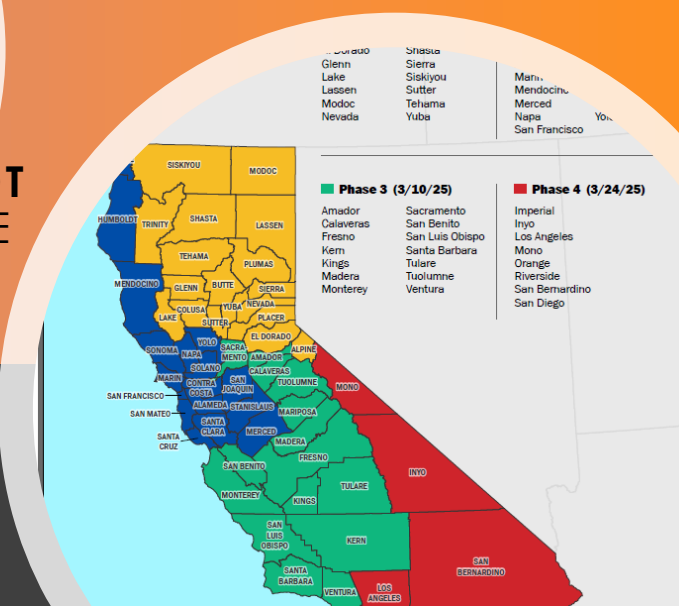
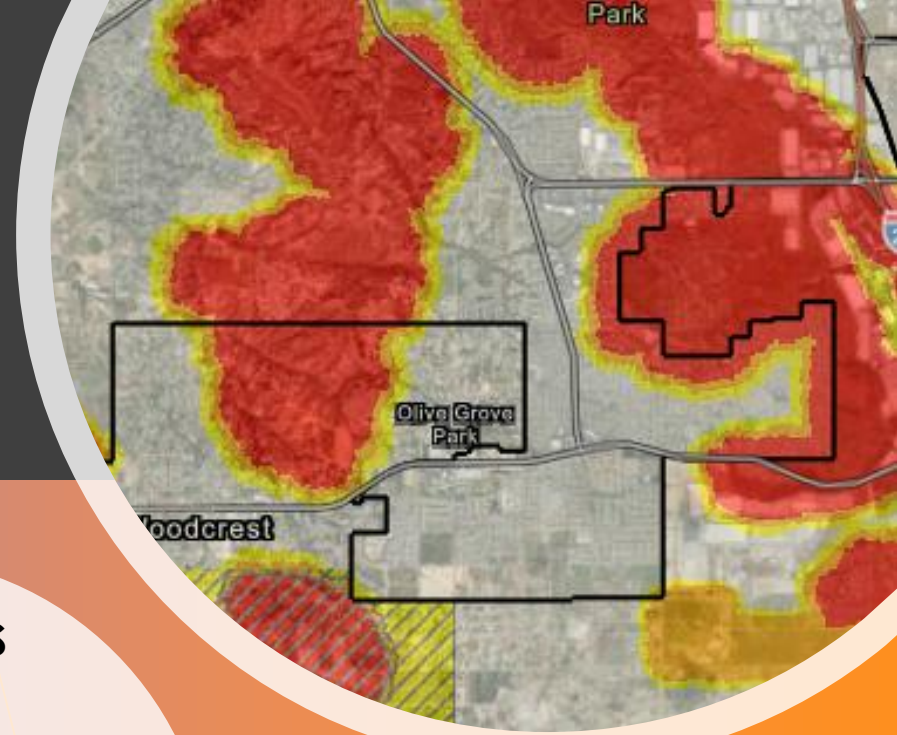
# OFFICE OF THE FIRE MARSHAL

- UNINCORPORATED RIVERSIDE COUNTY
- 19 PARTNER CITIES

- FIRE MARSHAL
- ASSISTANT FIRE MARSHAL
- DEPUTY FIRE MARSHAL
- SUPERVISING FIRE MARSHAL
- FIRE SAFETY SPECIALIST
- FIRE SYSTEMS INSPECTOR
- FIRE PREVENTION TECHNICIAN
- SUPPORT STAFF
- PLANNING AND ENTITLEMENTS
- CONSTRUCTION AND DEVELOPMENT
- ANNUAL INSPECTIONS
- HAZARD REDUCTION

# NEW LRA FIRE HAZARD SEVERITY ZONE MAPS

- **ASSEMBLY BILL 337 (1992)** – ORIGINALLY MANDATED THE IDENTIFICATION OF **VERY HIGH FIRE HAZARD SEVERITY ZONES** FOLLOWING DESTRUCTIVE WILDFIRES.
- **SENATE BILL 63 (2021)** – EXPANDED FIRE HAZARD OVERSIGHT TO INCLUDE **MODERATE** AND **HIGH** ZONES IN ADDITION TO **VERY HIGH** FHSZ CLASSIFICATIONS.
- **ASSEMBLY BILL 211 (2022)** – REQUIRES LOCAL AGENCIES TO **ADOPT MODERATE, HIGH, AND VERY HIGH FHSZ DESIGNATIONS** WITHIN **120 DAYS** OF OSFM RECOMMENDATIONS. LOCAL GOVERNMENTS **CANNOT** DOWNGRADE STATE-DESIGNATED HAZARD LEVELS BUT MAY INCREASE THEM IF JUSTIFIED.





# FIRE HAZARD SEVERITY ZONES WITHIN LOCAL RESPONSIBILITY AREAS

## VERY HIGH

Adopt FHSZ | CEQA | Subdivision Map Act | Safety Element | Fire Safe Regulations  
**Chapter 7A** | **Defensible Space** | **Hazard Disclosure** | Subdivision Review

## HIGH

Adopt FHSZ | **Chapter 7A** | **Hazard Disclosure**

## MODERATE

Adopt FHSZ

# HOME HARDENING INVESTMENTS

## ZONE 0

- 0-5 FEET NONCOMBUSTIBLE ZONE

## DEFENSIBLE SPACE

- PROPERLY SPACED AND TRIMMED TREES AND BUSHES

## EMBER RESISTANT VENTS

- LISTED VENTS OR 1/16<sup>TH</sup> TO 1/8<sup>TH</sup> INCH MESH TO KEEP EMBERS OUT



# ZONE 0

Noncombustible Zone

0' - 5'

Remove overhanging tree branches

# ZONE 1

5' - 30'

Trim tree crowns 10' apart from other trees



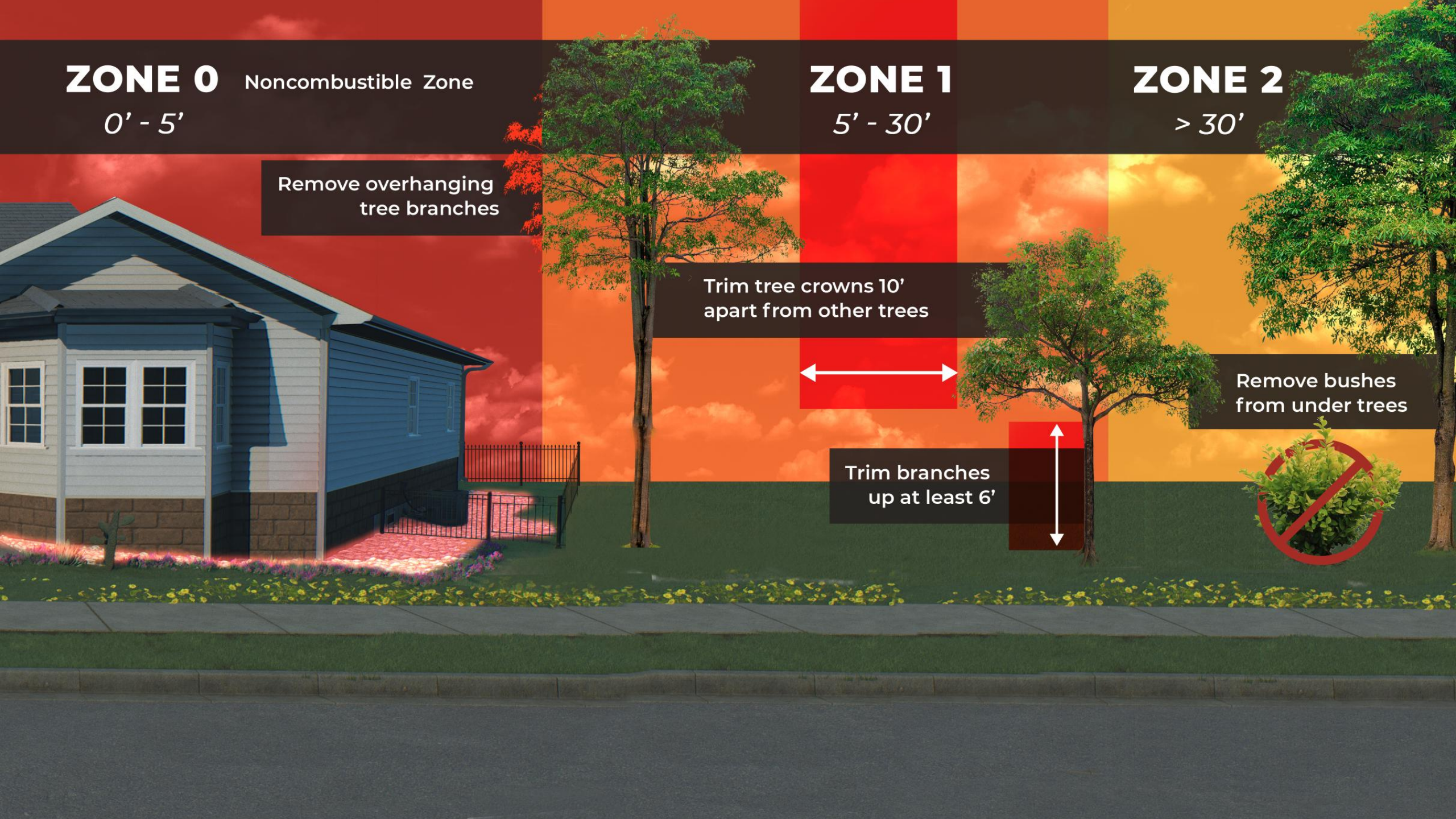
Trim branches up at least 6'



# ZONE 2

> 30'

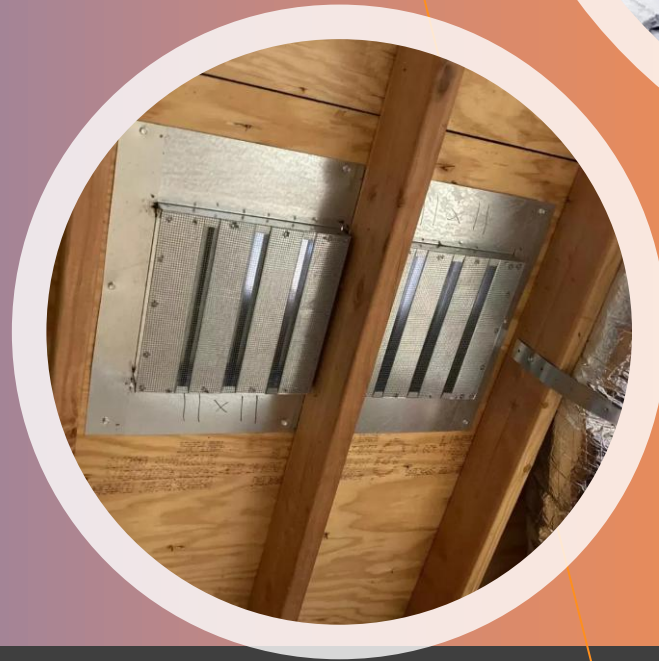
Remove bushes from under trees





# EMBER RESISTANT VENTS

- SOME ARE READILY AVAILABLE AT HARDWARE STORE
  - Look for listed vents
- A LICENSED GENERAL CONTRACTOR OR ROOFER CAN INSTALL
- 1/16<sup>TH</sup> – 1/8<sup>TH</sup> INCH MESH IS A LOW COST ALTERNATIVE
  - Can be tacked inside or outside of existing vents





QUESTIONS???

