WILDFIRE PREPAREDNESS

In San Diego County

HOSTED BY:

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ASSEMBLYMEMBER, DISTRICT 77

AGENDA

01
INTRO

Introduction

02
WILDFIRE IMPACTS

How wildfire can affect your community

03
HOW FIRES BURN

Overview of basic fire behavior

04
READY SET GO

Actions to take before and during wildfire events


Newport Beach
Oceanside
Vista
Escondido
Encinitas
San Diego
Chula Vista

INTRO

UNDERSTANDING
THE CHANGING

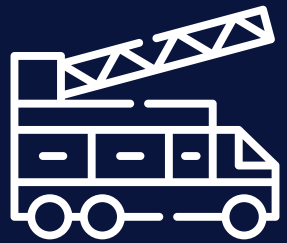
California Fire Season



WILDFIRE IMPACTS

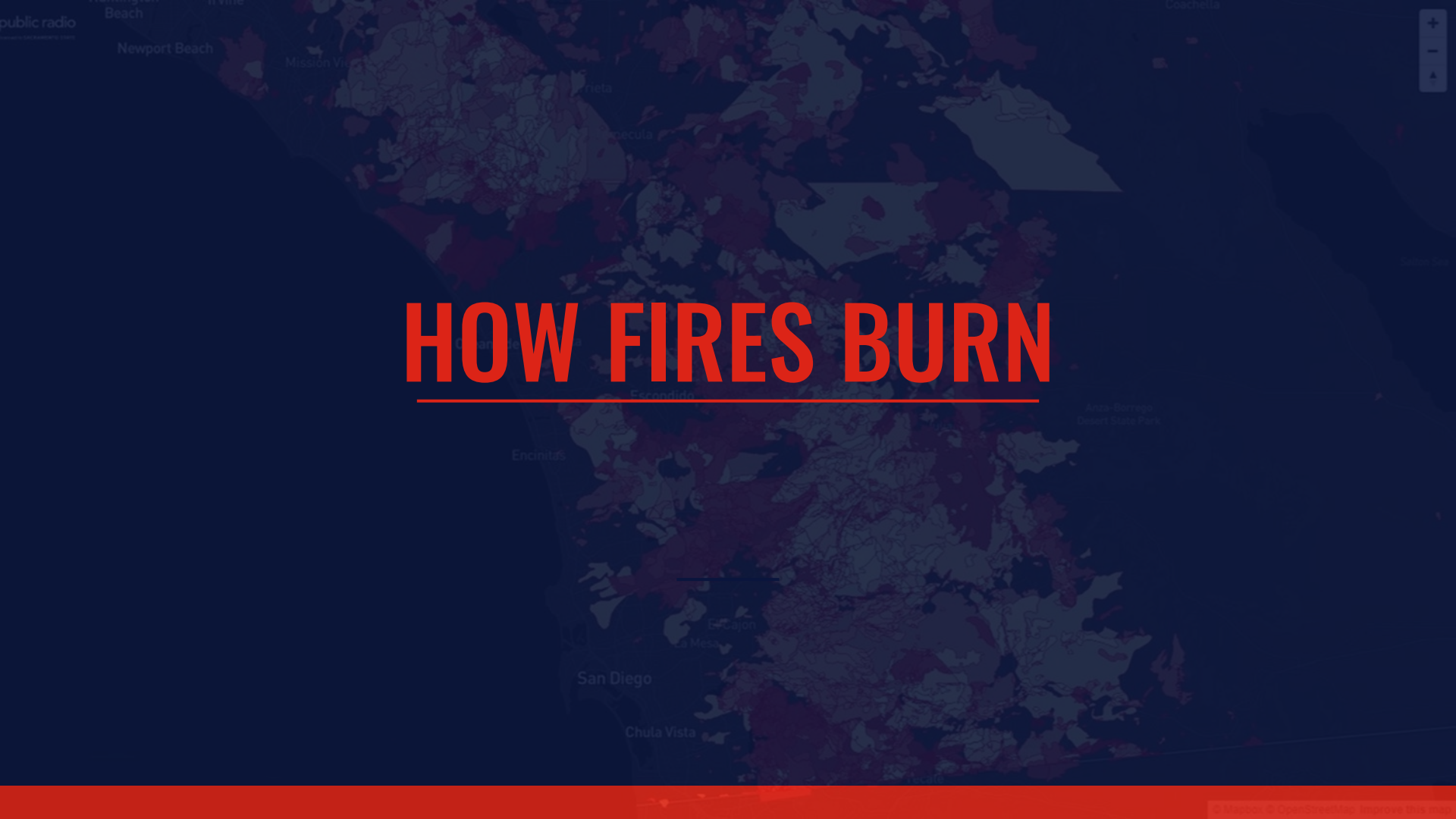
SMOKE
Air quality is degraded

TRAFFIC
Road closures and evacuation issues



VISABILITY
Smoke and fire can greatly limit visibility

SAFETY
Safety hazards during wildland fires


HOW FIRES BURN
Newport Beach
Encinitas
San Diego
Chula Vista

WILDLAND FIRE BEHAVIOR FACTORS



TOPOGRAPHY

Physical features of the earth



FUEL

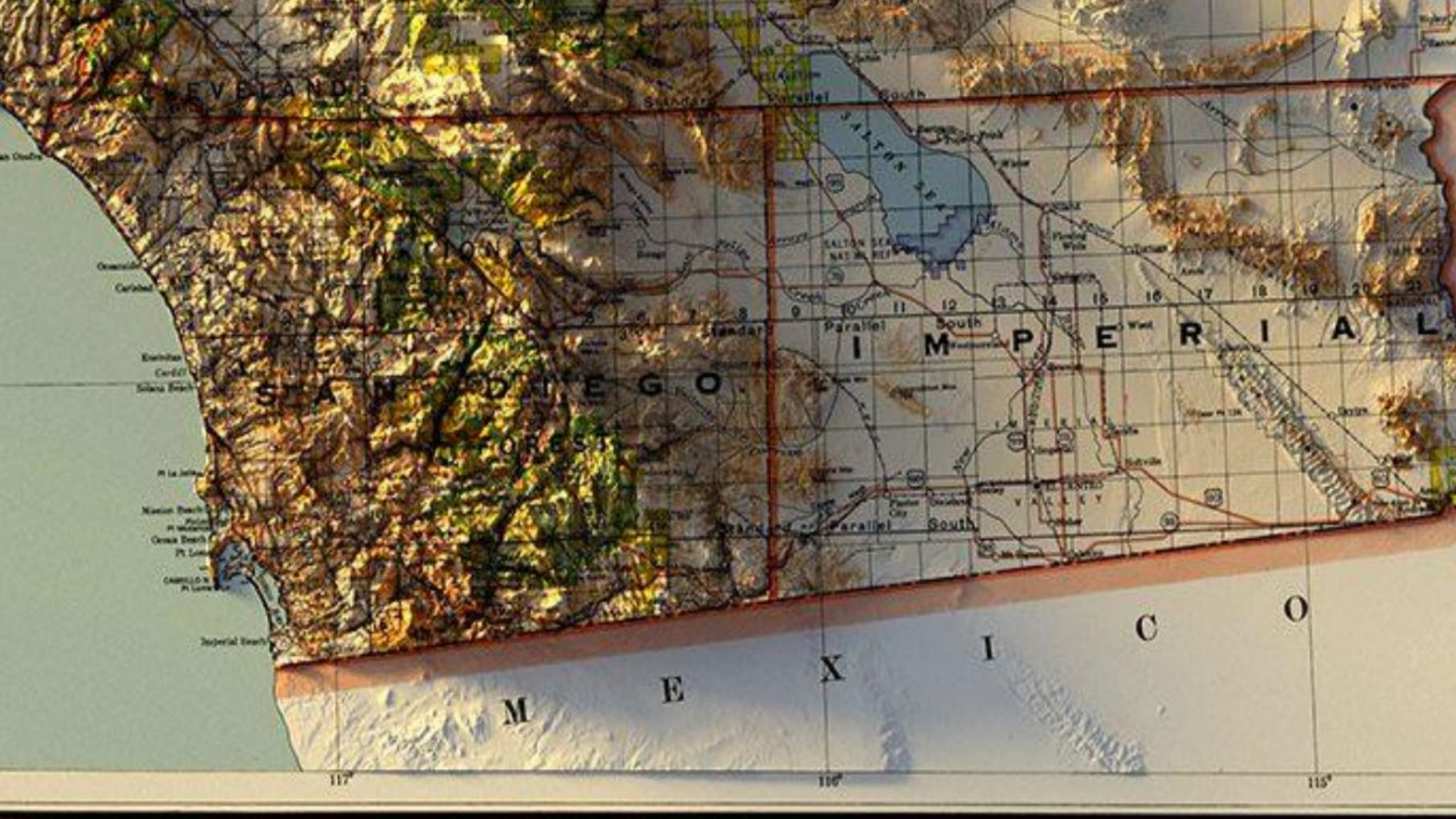
Grass, brush, trees (houses)



WEATHER

The most dynamic factor


TOPOGRAPHY


CLEVELAND
NATIONAL
FOREST
SAN DIEGO
IMPERIAL
VALLEY
SALTON SEA
Parallel South
MEXICO
117°
116°
115°


FUEL


WEATHER

FIRE WEATHER COMPONENTS



TEMPERATURE



RELATIVE HUMIDITY



WIND

FIRE THREAT TO HOMES

Your home can be threatened by:

Direct flames- Typically coming from a wildfire or a neighboring house

Radiant heat- Typically coming from nearby burning objects

Flying embers- Embers can be particularly destructive – capable of igniting homes up to a mile away.





Conduction
(Direct contact)



Radiation
(Heat is transferred through space)



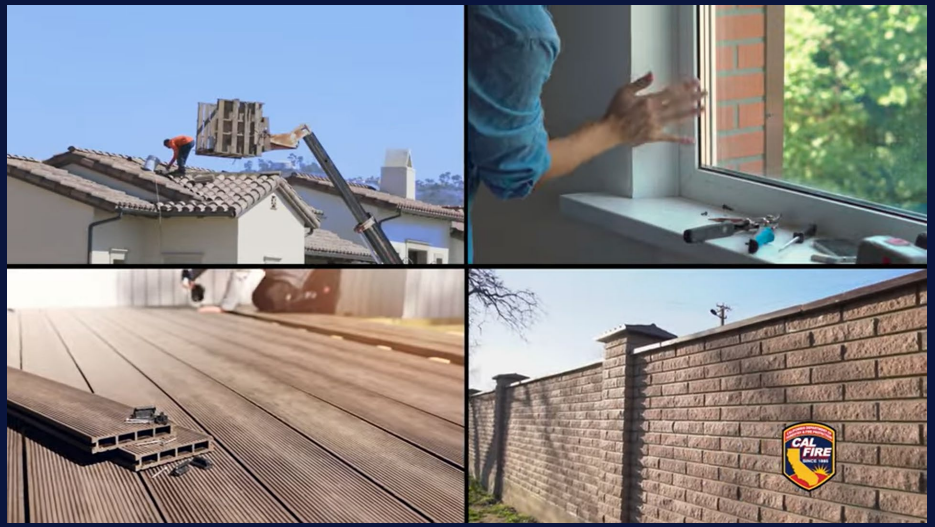
Convection
(Rising column of smoke)



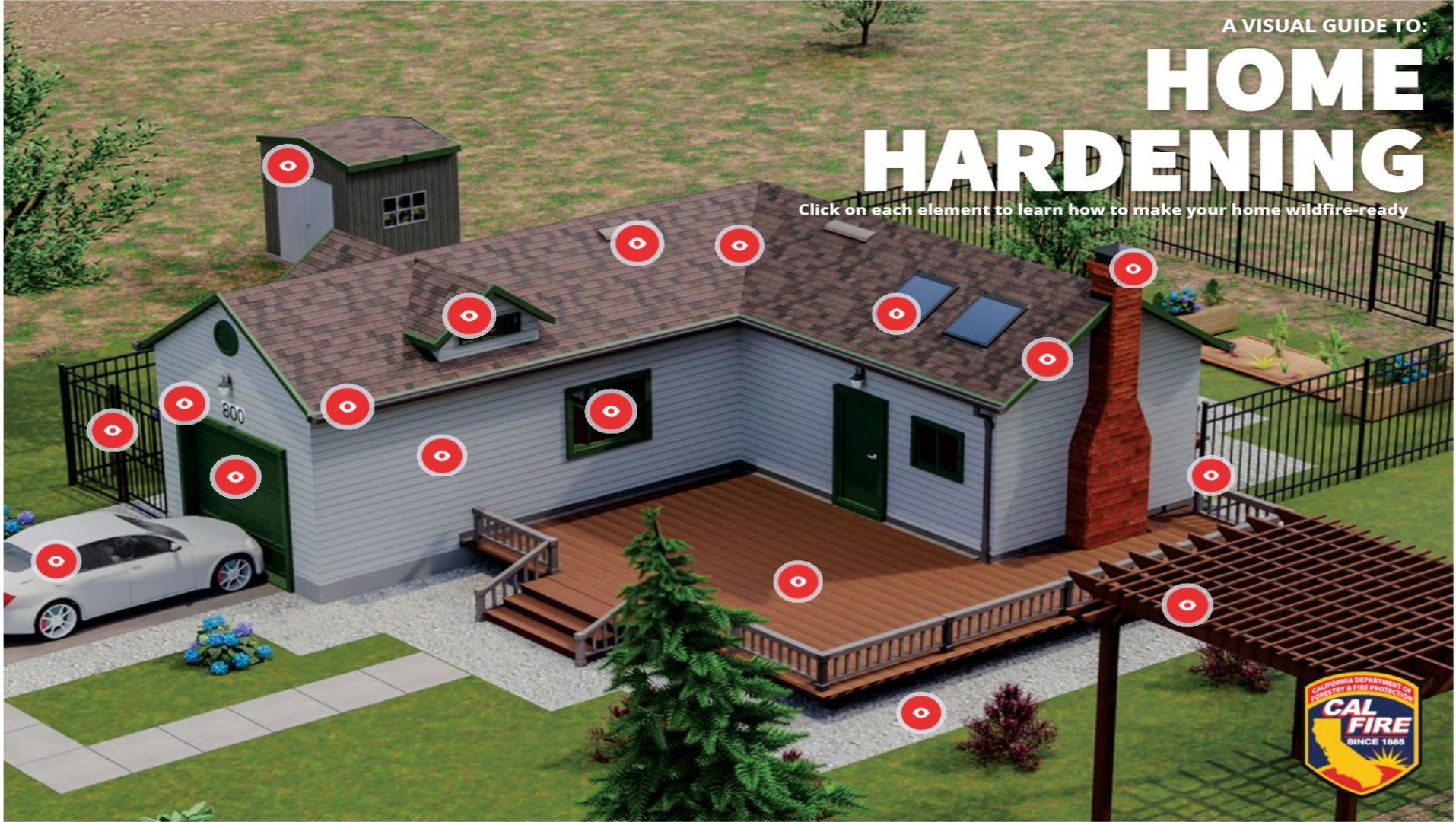
Embers
(Wind carries embers ahead of source fire)


READY SET GO
Newport Beach
Escondido
Encinitas
San Diego
Chula Vista

HOME HARDENING & DEFENSIBLE SPACE



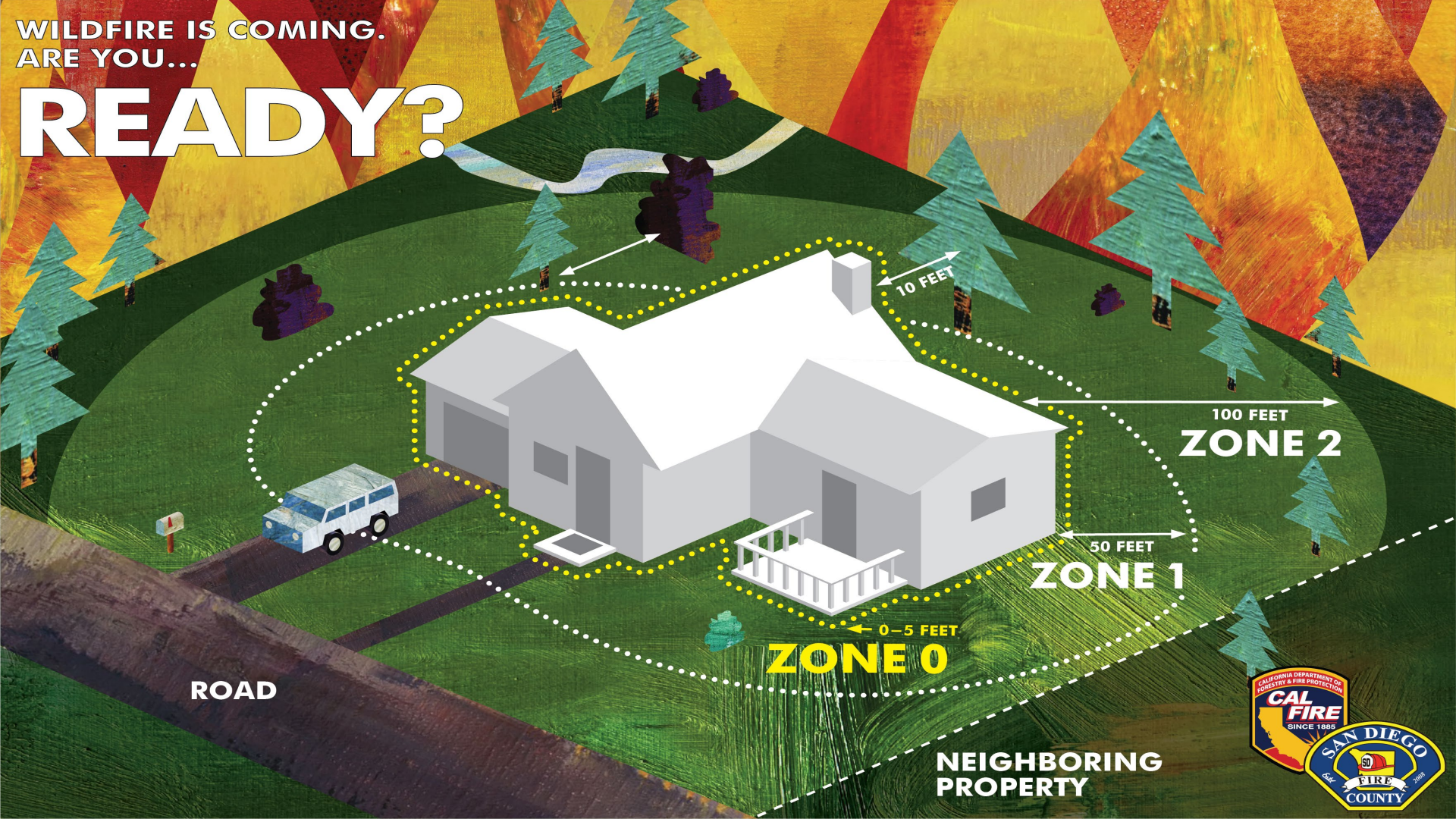



A VISUAL GUIDE TO:
HOME HARDENING
Click on each element to learn how to make your home wildfire-ready
800
CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
CAL FIRE
SINCE 1885

HOME HARDENING CONSIDERATIONS

- Roofs
- Vents
- Gutters
- Eaves
- Windows
- Exterior Siding
- Exterior Doors
- Decks, Porches, Stairs
- Fences
- Combustible Attachments

https://www.fire.ca.gov/home-hardening

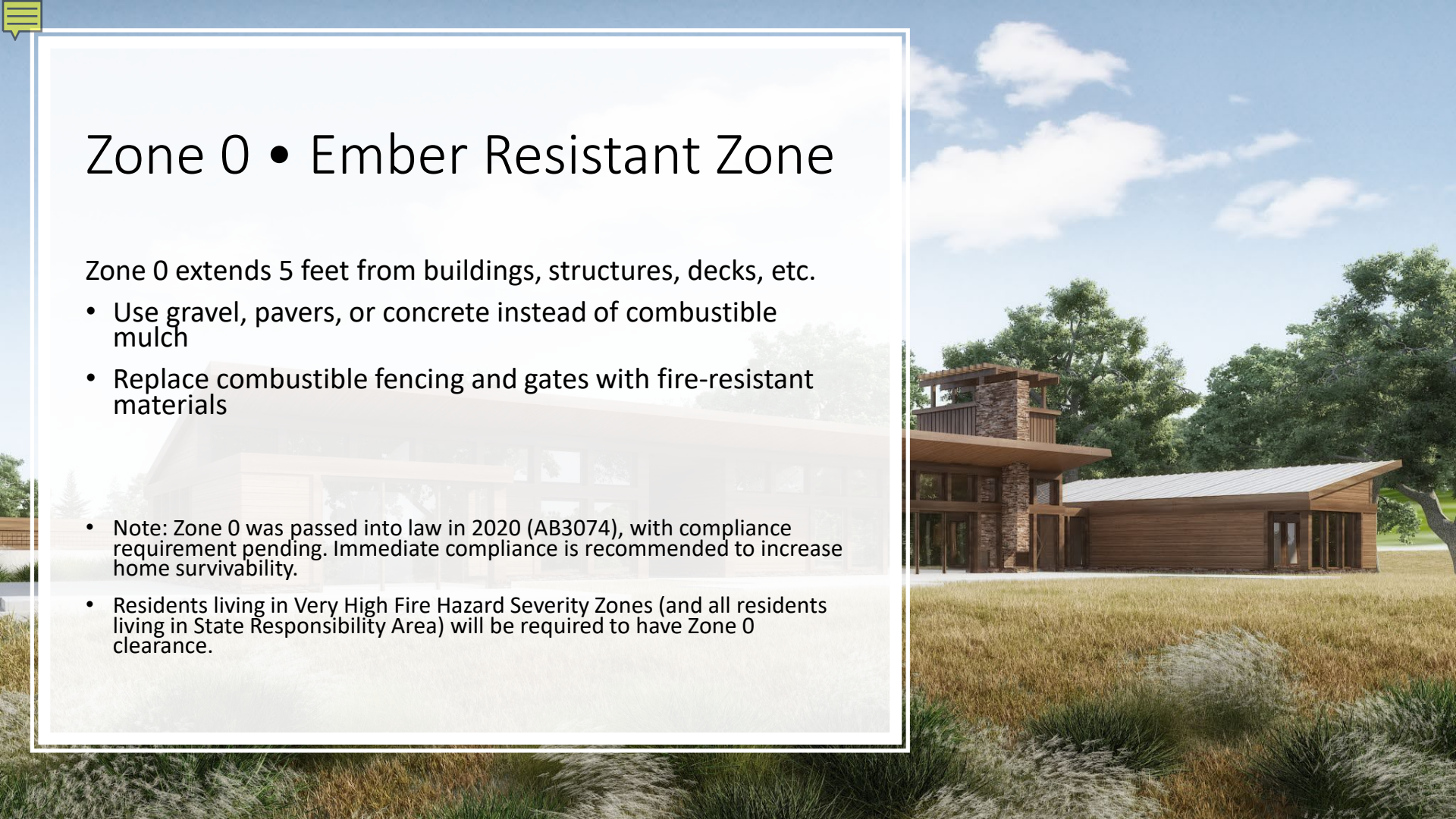

WILDFIRE IS COMING.
ARE YOU...
READY?
10 FEET
100 FEET
ZONE 2
50 FEET
ZONE 1
0–5 FEET
ZONE 0
ROAD
NEIGHBORING
PROPERTY
CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
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SAN DIEGO
FIRE
COUNTY

Zone 0 • Ember Resistant Zone

Zone 0 extends 5 feet from buildings, structures, decks, etc.

- Use gravel, pavers, or concrete instead of combustible mulch
- Replace combustible fencing and gates with fire-resistant materials

- Note: Zone 0 was passed into law in 2020 (AB3074), with compliance requirement pending. Immediate compliance is recommended to increase home survivability.
- Residents living in Very High Fire Hazard Severity Zones (and all residents living in State Responsibility Area) will be required to have Zone 0 clearance.



Zone 1 • Lean Clean Green Zone

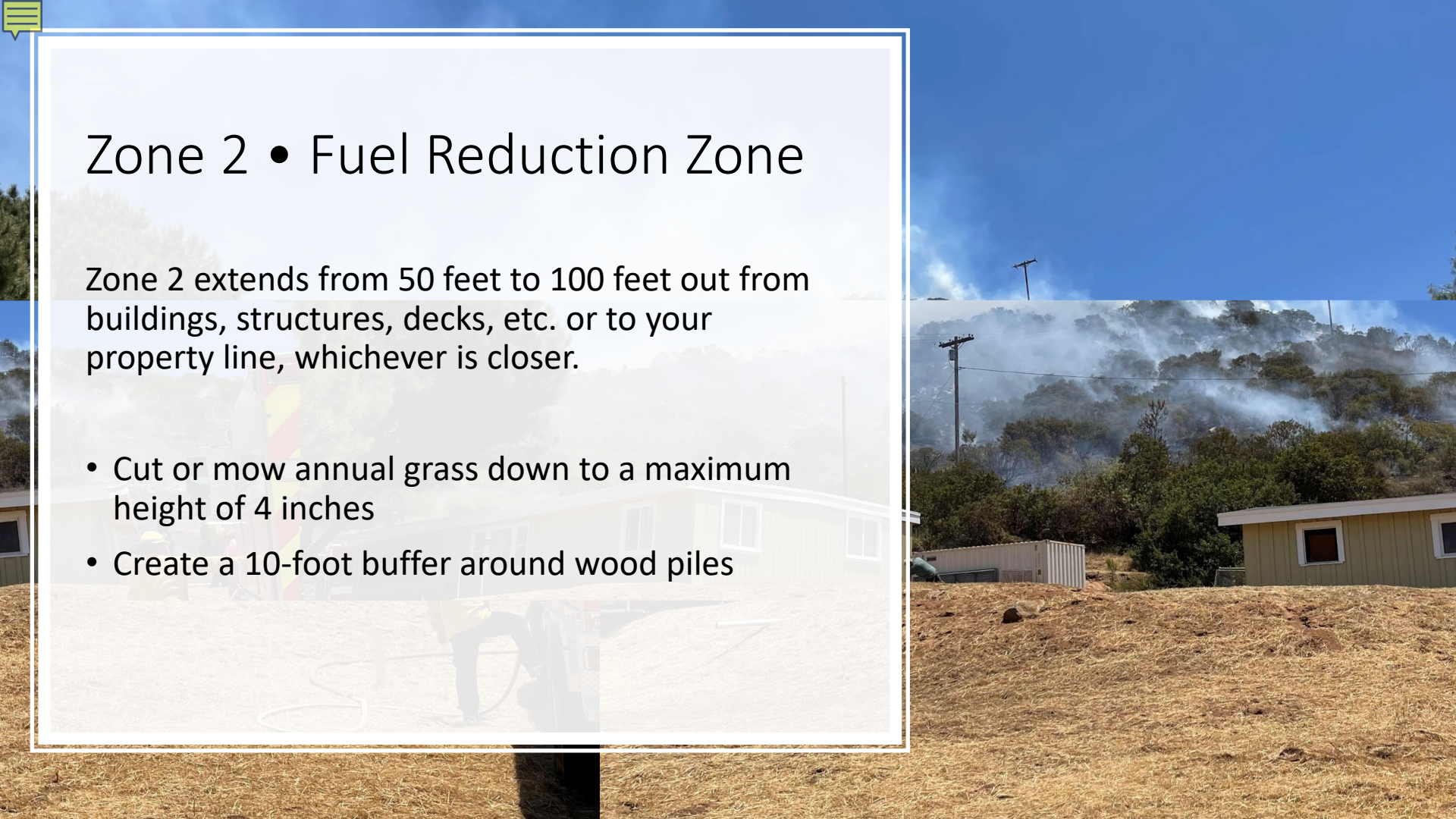
Zone 1 extends from 5-50 feet from buildings, structures, decks, etc. or to your property line, whichever is closer

- Remove all dead vegetation and space out trees, plants and other vegetation to minimize potential fire spread

Zone 2 • Fuel Reduction Zone

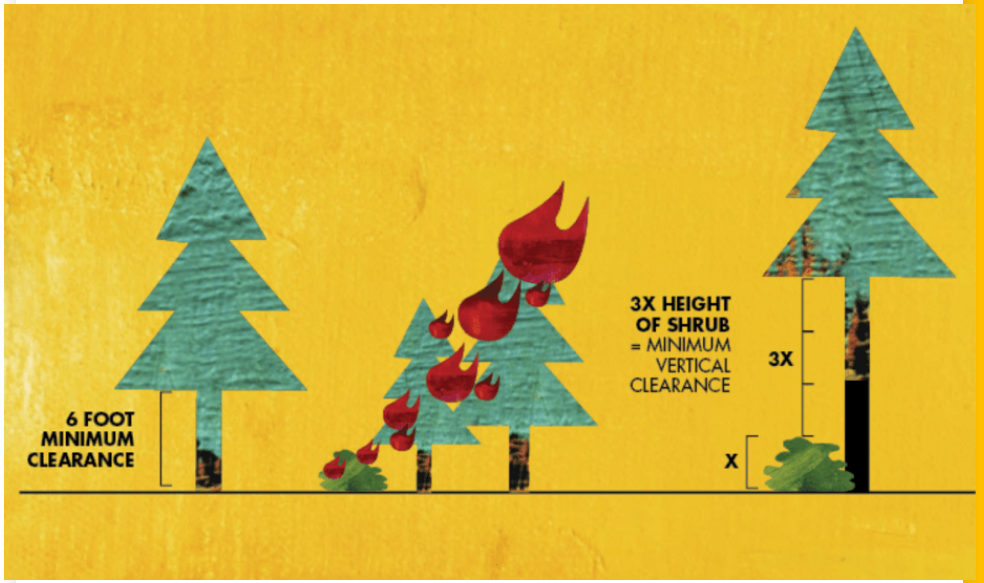
Zone 2 extends from 50 feet to 100 feet out from buildings, structures, decks, etc. or to your property line, whichever is closer.

- Cut or mow annual grass down to a maximum height of 4 inches
- Create a 10-foot buffer around wood piles



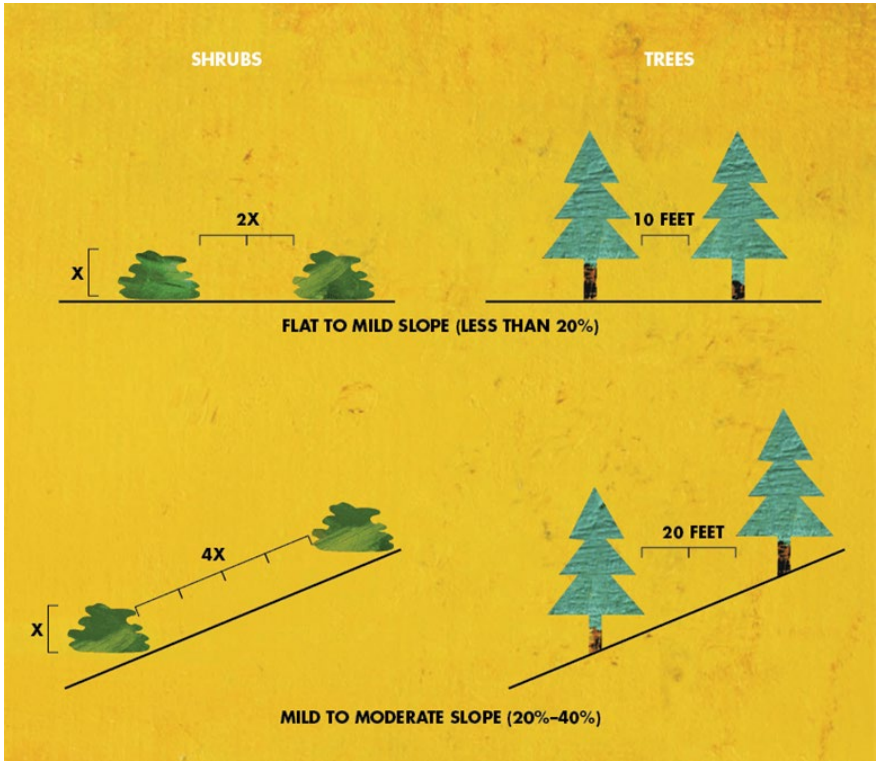
Vertical Spacing

- Trim trees 6 feet from the ground.
- Increase vertical space between shrubs and trees to prevent fire from climbing.



Horizontal Spacing

- Horizontal spacing depends on the slope of the land and the height of the shrubs or trees.



Fire-Smart Landscaping

- Landscaping designed to reduce wildfire risk
- Enhances safety, conserves water, increases property value
- Especially crucial in fire-prone areas like California



GO BAG CHECKLIST

- 3-day Supply of Food & Water
- Map with Evacuation Routes
- Prescriptions & Medications
- N-95 Mask & Clothing
- Glasses & Contacts
- Credit Cards & Cash
- First Aid Kit
- Flashlight & Batteries
- Cell Phones and Chargers
- Important Documents & PC

Other: Fueled/Charged Vehicle

WILDFIRE EVACUATION

STEP 1



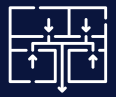
Quickly evaluate your situation and activate your plan

STEP 2

Monitor wildfire updates and follow guidance from local officials



STEP 3



Grab your ‘Go Bag’ and initiate evacuation plan for family & pets

STEP 4

Stay clear of hazard areas



EVACUATION ORDER

Immediate threat to life and/or property

Conditions exist that endanger the lives of those in the defined area

EVACUATION WARNING

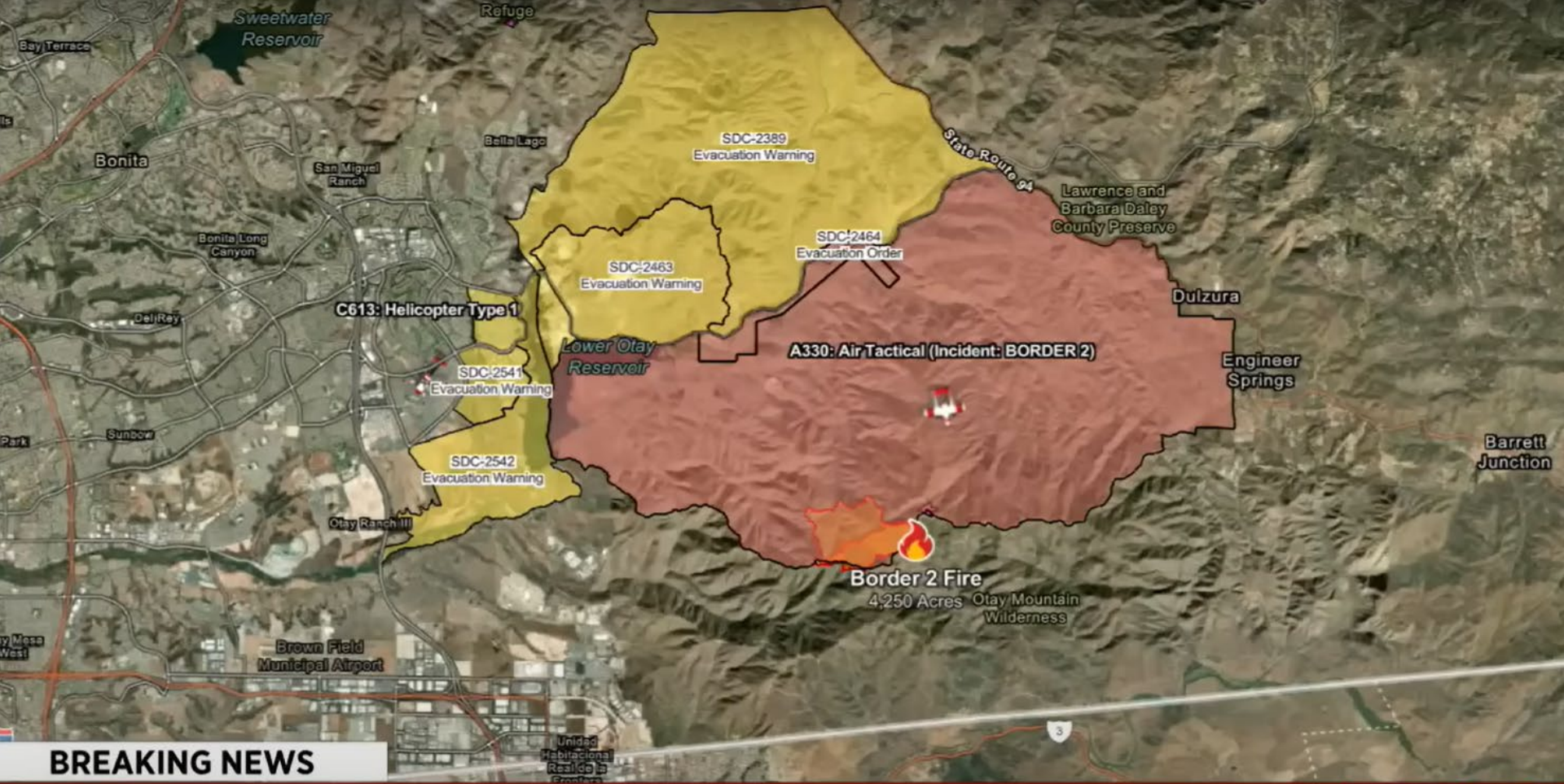
Potential threat to life and/or property

Treat as an Evacuation Order if you require more time to evacuate

SHELTER IN PLACE

Go indoors. Shut and lock doors and windows.

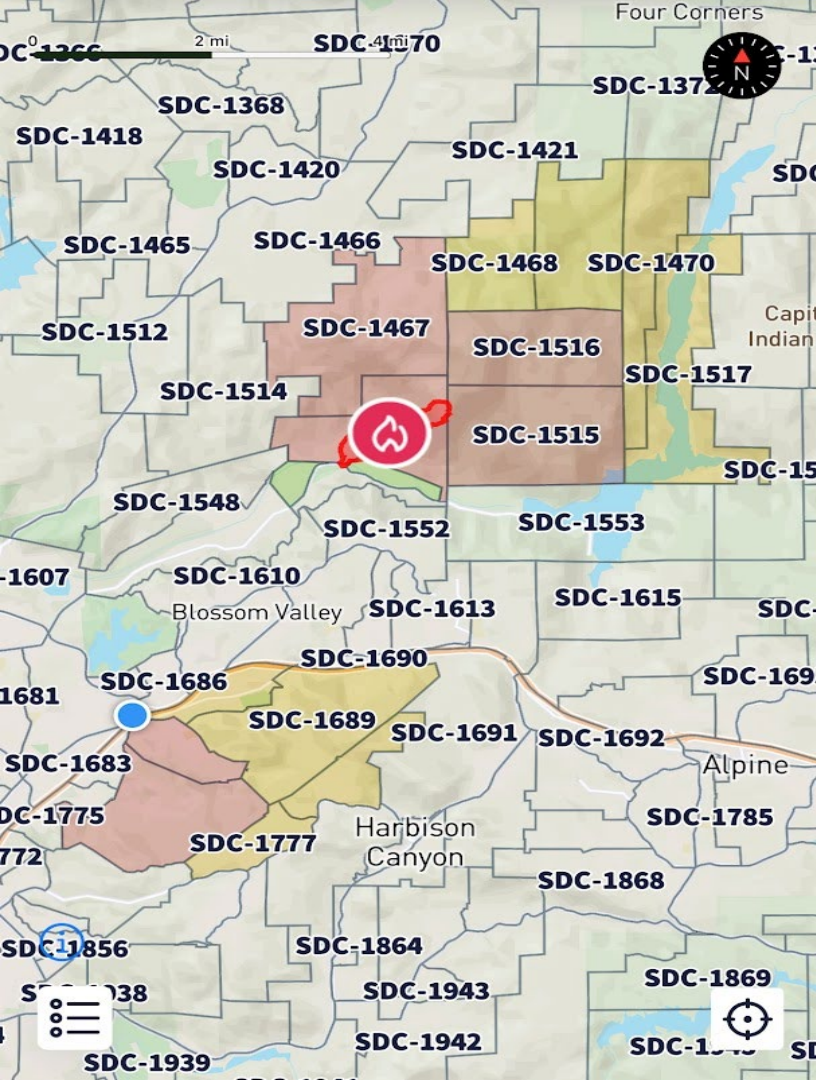
Prepare to self-sustain until further notice and/or when contacted by emergency personnel with additional direction.



BREAKING NEWS

EVACUATIONS ISSUED FOR 'BORDER 2 FIRE'

FOX 5
9:00 | 46°



4:33 5G

Home Details

Hawick Fire near El Cajon, Evacuation Orders and Warnings Issued

Thu Jun 19, 2025 03:37 PM PT

San Diego County Fire is at scene of a vegetation fire near Hawick Road in the community of El Cajon. The fire is currently 5 acres and is threatening structures. The San Diego County Sheriff's Office has issued Evacuation Orders and Evacuation Warnings for nearby areas. For an interactive map with updated emergency evacuation information visit: **OES Emergency Map**

Temporary Evacuation Point is located at Walmart Supercenter, **13487 Camino Canada, El Cajon, CA 92021**.

These are Evacuation Orders and Warnings. An Evacuation Order requires immediate movement out of the affected area due to an imminent threat to life.

- There is extreme danger in your area.
- You must leave now.
- Do not wait.
- Contact your neighbors and share information.

Download the free **Genasys Protect** app on your mobile device to receive updates on evacuations in your area.

Follow **@SDSheriff** and **@CALFIRESANDIEGO** for updates.

ASL/Audio

1 of 5

Home Ready Emergency Recovery Social

5:06 5G

fire.ca.gov

Hawick Fire

51 Acres | 1 County: San Diego



ASK CAL FIRE

在线咨询

LAYERS

Air Assets
Evacuation Orde
Recent Perimeters
Wind

EMERGENCY NOTIFICATIONS

- Aware CA
- Genasys Protect
- Wireless Emergency Alerts
- AlertSD.org
- @CALFIRESANDIEGO @CLEVELANDNF @SDSHERIFF
- TV & Radio News Stations
- CAL FIRE Website (fire.ca.gov)
- PulsePoint

ACTION ITEMS

SECURE THE HOMEFRONT

Ensure your family has a plan so that you can assist others

DOWNLOAD THE APPS

Aware CA, SD Emergency, Genasys Protect, SDGE Alerts

BE RESOURCEFUL

Research ways to get trusted info during emergencies

MAKE A GO BAG

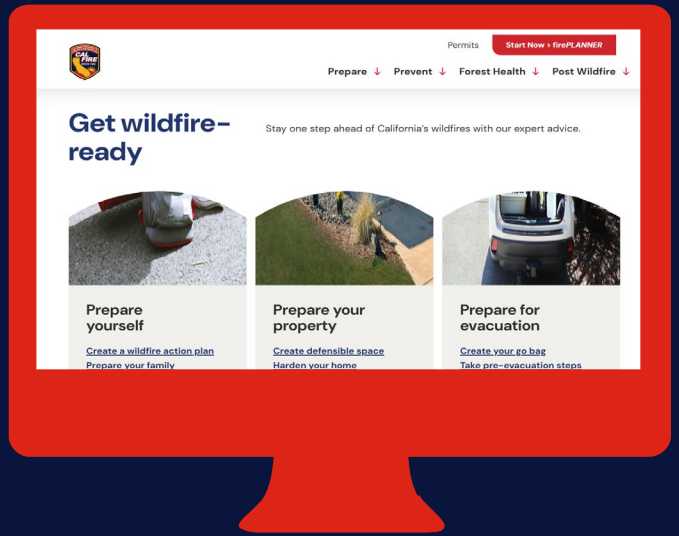
Have items gathered and ready to take with you

KEEP YOUR VEHICLE FUELED AND MAINTAINED

Don’t stall out when you are needed most

KEEP LEARNING

Grow your knowledge to be the calm during the storm



VISIT OUR WEBSITE

ReadyForWildfire.org

THANKS!

Any Questions?

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