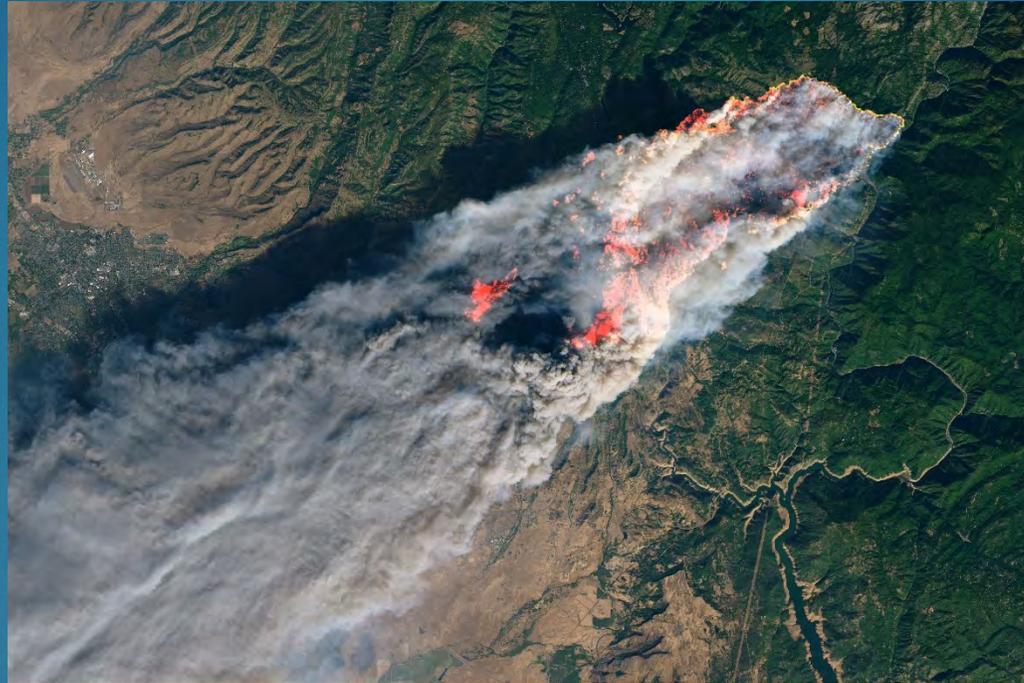


CAMP FIRE

NOVEMBER 8, 2018



DAVID HAWKS, FIRE CHIEF CAL FIRE BUTTE COUNTY FIRE DEPARTMENT

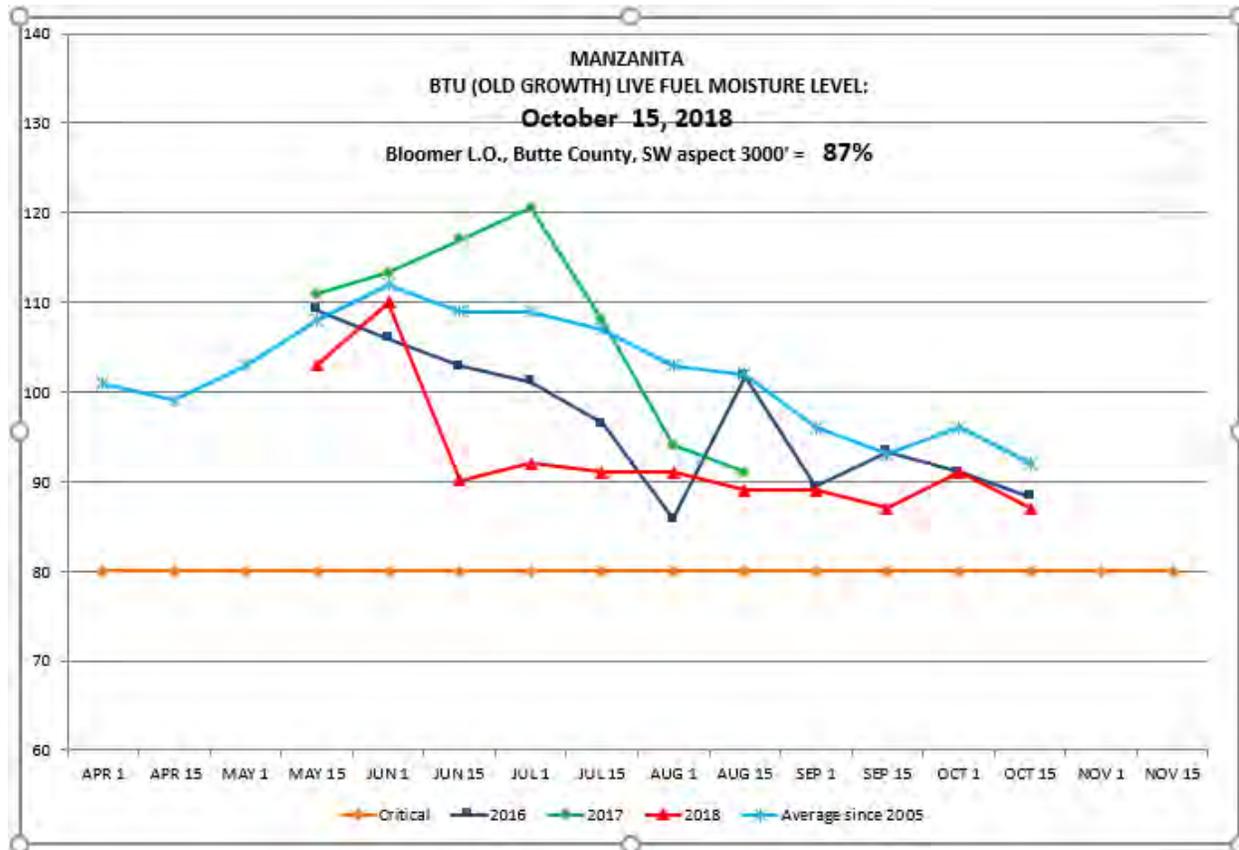
Fire Behavior Factors

Extreme Fire Behavior

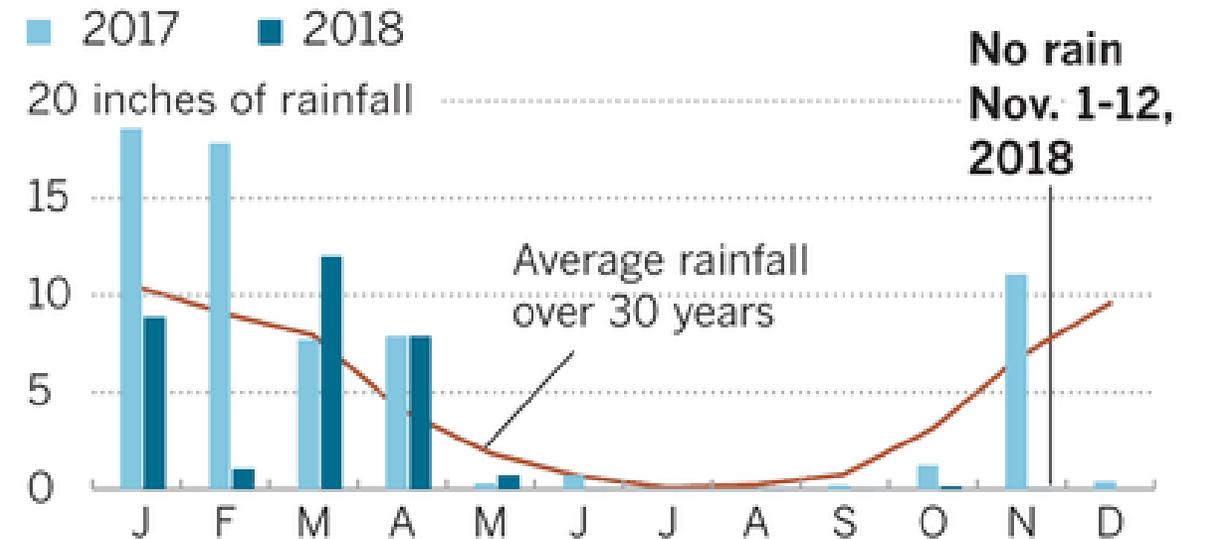
- **Topography**
 - Feather River drainage NV to Sac Valley
 - Flea Valley Creek – sub drainage
- **Fuels**
 - Timber, brush, T-liter & urban structures
 - 2017/18 Late spring rain = grass
 - ERCs above avg. October, record Nov 8
 - 1000 hr fuels @ 5% Nov 1, avg. 17%
 - Manzanita @ 74%, critical 80%, avg. 93%
- **Weather**
 - 2012-2016 Drought, dead component
 - 2017/18 50% of normal rainfall, spring
 - 200 days minimal rainfall
 - Fall north wind, with poor RH recovery
 - Strong Diablo (north) wind event began Nov 7 wind 25-30, gusts 50 from northeast.



Fall Fuel & Weather Conditions



Rainless November in Paradise



Source: National Weather Service

@latimesgraphics

Red Flag Warning



Red Flag Warning

Wednesday November 7 - Friday November 9, 2018



Impacts

- Easier fire starts
- Potential for rapid spread of fire



Timing

- Tonight – Friday morning



Winds & RH

- North to east winds 20-30 mph, gusts 30-55 mph
- Minimum daytime humidity 5-15%
- Poor overnight humidity recovery

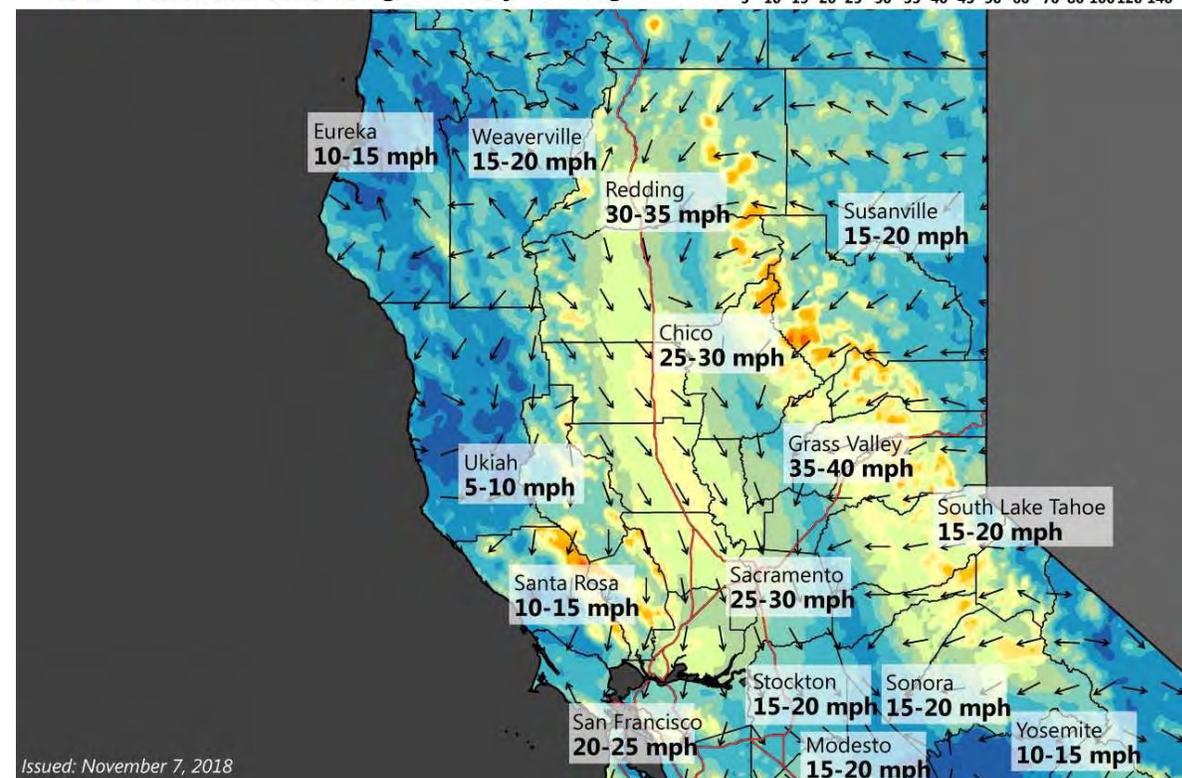


NWS Sacramento
Issued: November 7, 2018



Wind Gust Forecast

Peak Wind Gusts Tonight - Friday Morning



Issued: November 7, 2018

CAL FIRE - Region Wide Staffing Pattern

Effective 11/07/2018 at 0800 hours

- Staff CAL FIRE Reserve Engines
- Staff all CAL FIRE Hand Crews 24 hrs/day
- Staff one Crew Strike Team Leader per camp
- Staff all CAL FIRE Dozers 24 hrs/day
- Staff Emergency Command Center & Operational Command Centers
- Staff one additional Fire Prevention Officer 24hrs/day
- Staff two Hand Crews 24 hrs/day (Marin County)
- Staff three additional type 3 Engines (Marin County)
- Early Up Aircraft (Select bases)

Initial Resources Dispatched

HIGH LEVEL WILDLAND DISPATCH

- 1 – CAL FIRE Battalion Chief
- 1 - Fire Prevention Officer
- 1 – Safety Officer
- 6 – CAL FIRE Engines
- 2 – CAL FIRE Hand crews
- 2 – CAL FIRE Dozers
- 2 - Volunteer Engines
- 2 – Water tenders

*No aircraft due to start up times

Weather at time of Dispatch

- Temp: 42 degrees Fahrenheit
- Winds: 20 (mph) with gusts to 40 mph Northeast.
- Relative Humidity: 23%.

Report on Conditions Upon Arrival

- Can see fire (from highway), mid-slope, above Camp Creek Rd. inaccessible
- West side of the river
- 35 (mph) sustained wind on fire.
- Working on determining access, might have to come from the top Concow Rd., Flea Mtn.
- This has potential to be a major fire.
- Request 15 engines, 4 dozer, 4 ST Crews & 2 WTs



Incident Command Post

07:14 - B2118 Assumed
Incident Command (IC)

07:20 – IC issued evacuation
orders for Concow



Fire Spread 4.3 Miles

Legend

-  Fire Spread 4.2 Miles
-  Meadow Springs Rd



Concow

Pulga

Meadow Springs Rd

**07:31 – ECC relayed fire in the yard of
13390 Meadows Springs Rd, Concow**

Google Earth



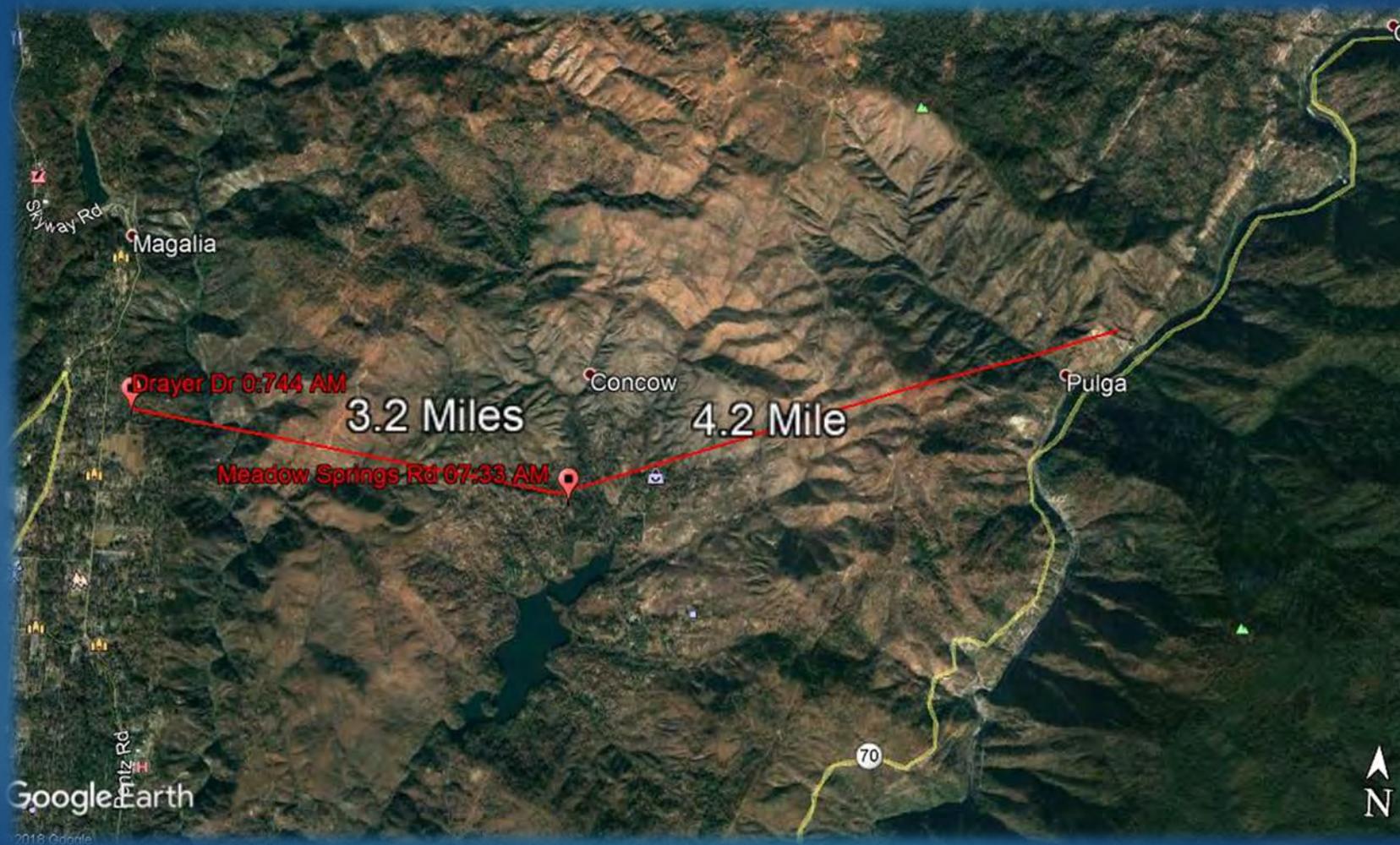
07:33 - IC requested 15 STEN, 15 STG, 10 STL with appropriate overhead.

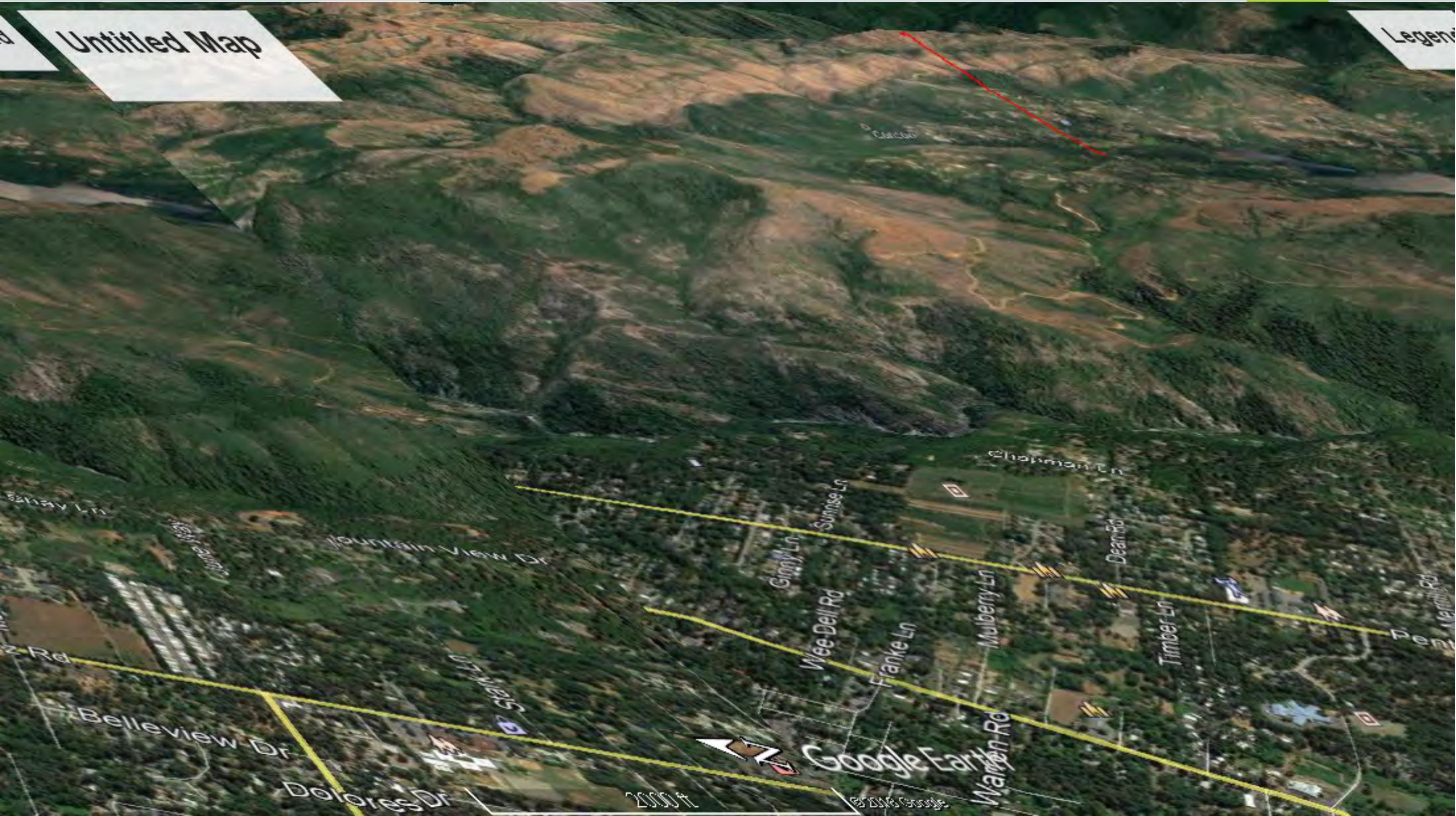
900 Personnel

07:35 - Request for a CAL FIRE Incident Management Team was placed



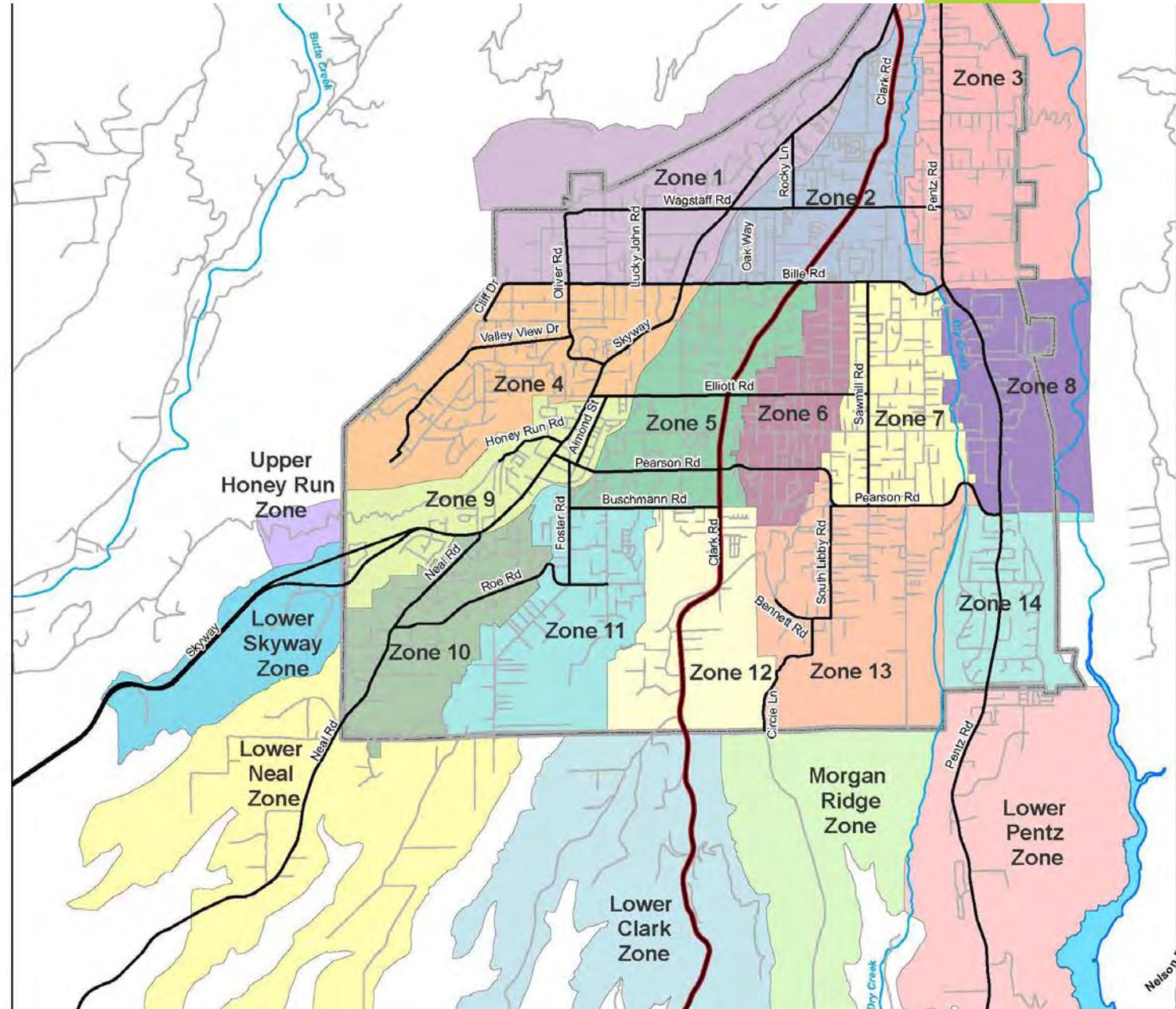
07:44 - First 911 reports of fire on the Paradise side of the West Branch





07:46 - D2102 Assumes Incident Command (IC). Issues evacuation order for Zone 3, 8, & 14, and everything east of Pentz Road and everything north of Highway 70.

08:01 - IC requests the evacuation of Zones 2, 7, 13, and the Morgan Ridge Zone, everything west of that will be an evacuation warning.

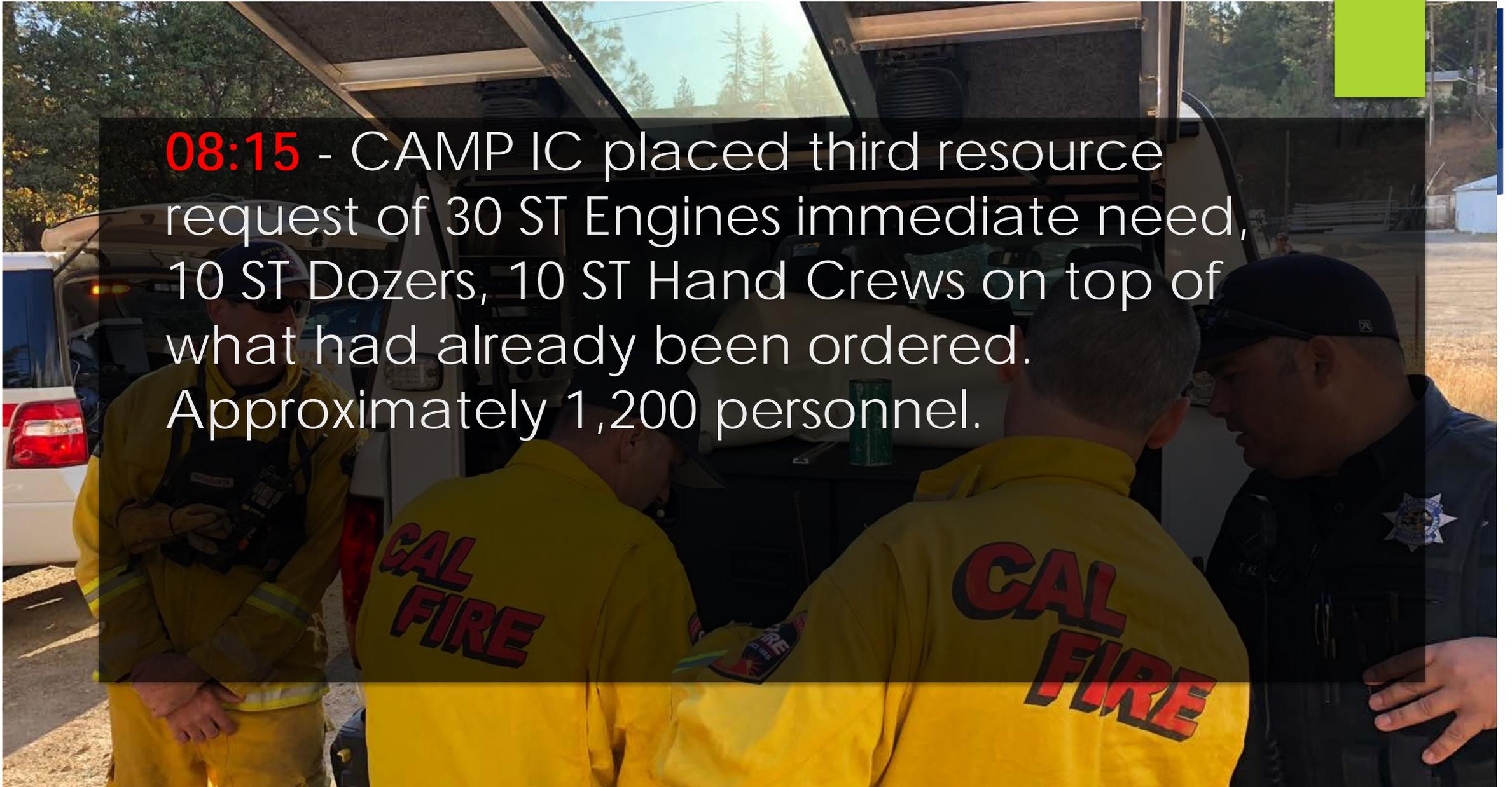


Situation in Concow Becomes Dire



08:07 - Firefighters begins sheltering civilians in Concow Creek.

08:15 - CAMP IC placed third resource request of 30 ST Engines immediate need, 10 ST Dozers, 10 ST Hand Crews on top of what had already been ordered. Approximately 1,200 personnel.



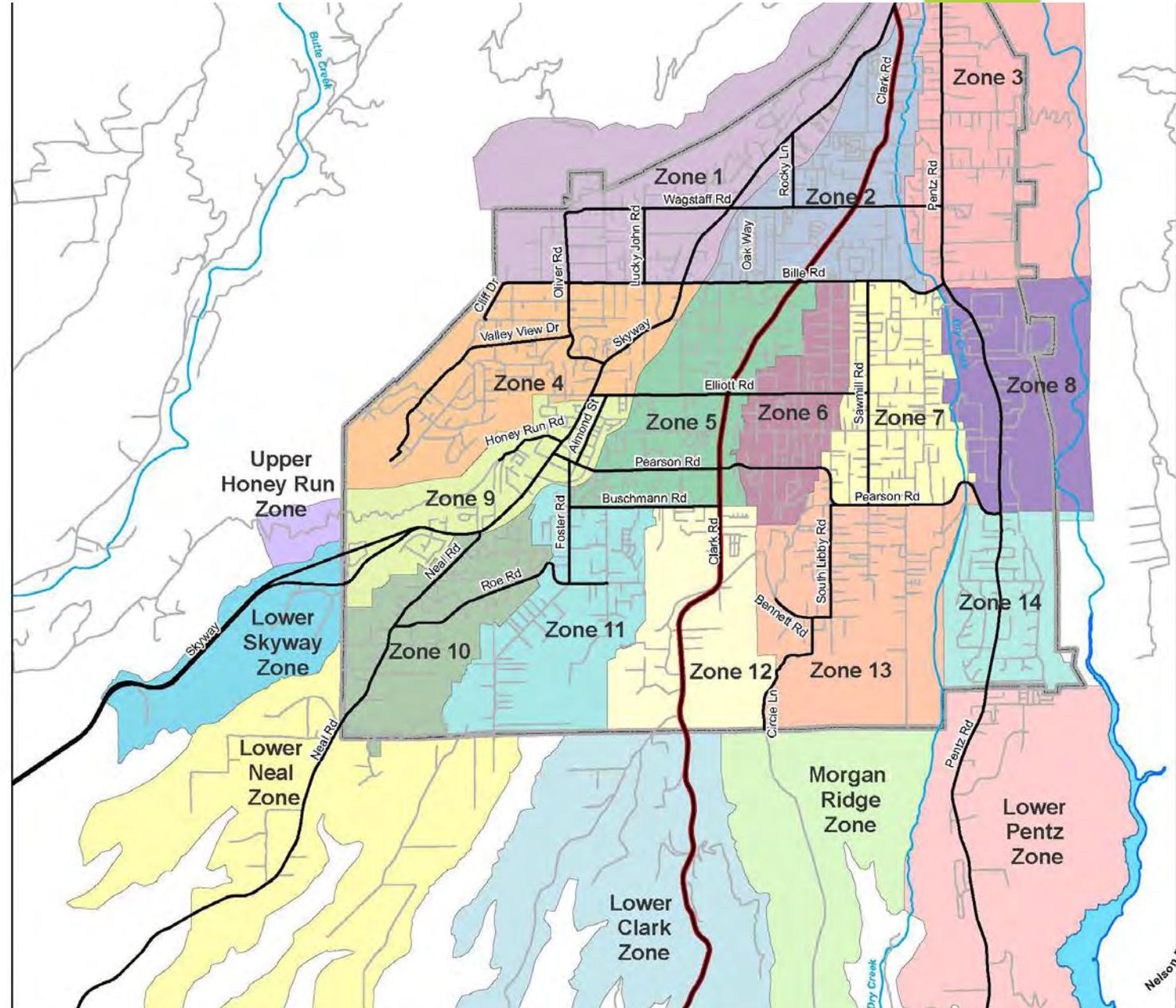
08:45 - Camp AA - information fire progressed approximately half way through Paradise picking up spot fires half way through Paradise spot fires in the community in Old Magalia with a threat to the lower end of Paradise Pines, and Butte Creek Canyon.

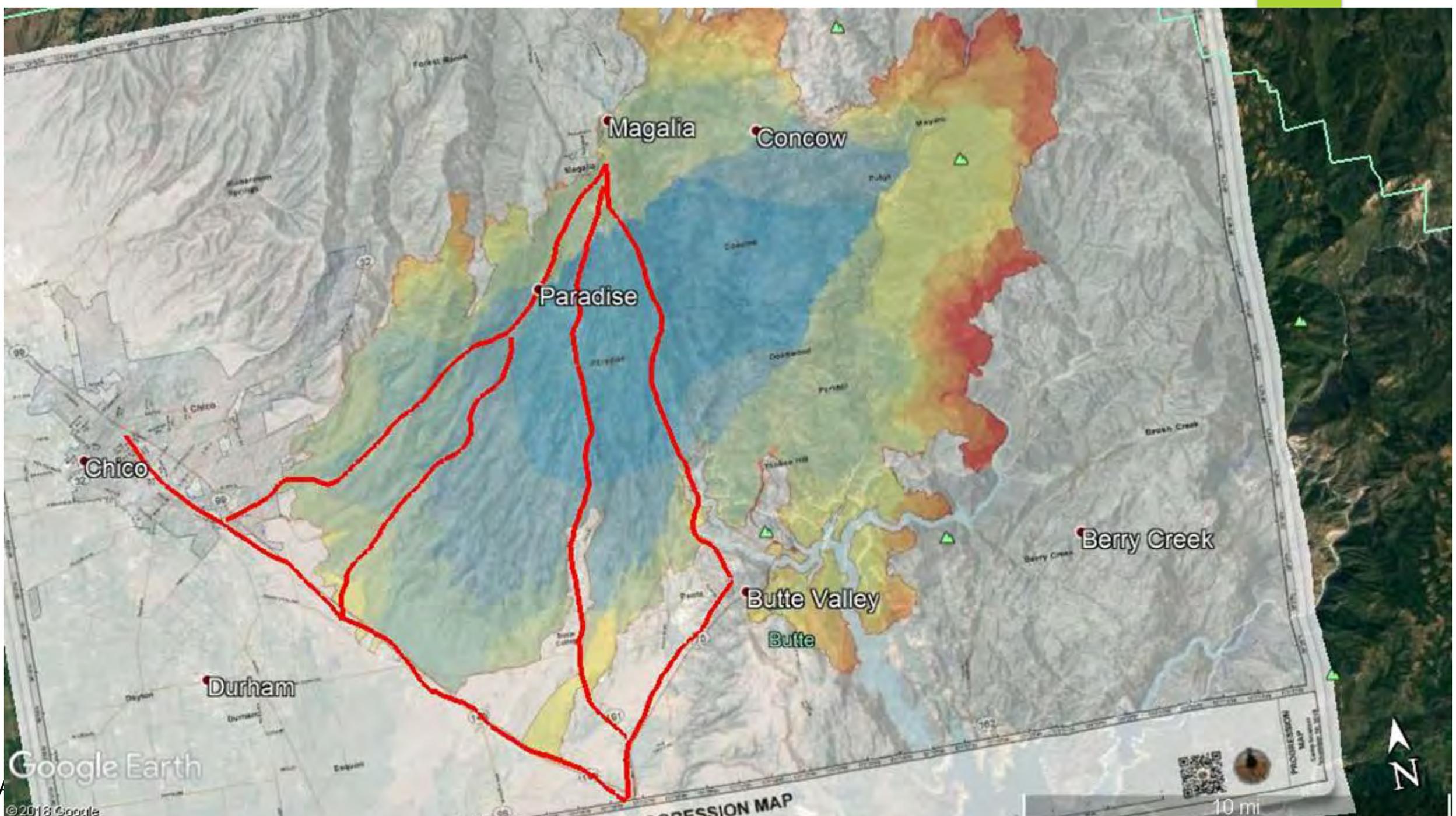


New Evacuation Orders

08:49 - Camp IC advises ECC new Evacuation Orders from Stieffer Road to town limits including Zones 1, 4, 5, 6, 11, 12 & Lower Clark.

This was in addition to the prior orders including 2, 3, 7, 8, 13, 14, Lower Pentz & Morgan Ridge.





Magalia

Concow

Paradise

Chico

Durham

Butte Valley

Berry Creek

Google Earth

© 2018 Google

PROGRESSION MAP

10 mi

PROGRESSION MAP
Scale Accuracy
April 15, 2018



Egress Routes are Cut Off

09:42 - Branch II advised Pentz, Pearson, Billie, Wagstaff, all were blocked and they were getting direct impingement by flames.



11:21 - Branch II from Hotel, states he has about 1,000 people on the road trapped by fire, and is setting multiple Temporary Refuge Areas (TRAs) up.

Temporary Refuge Areas

13:27 - Fireline Supervisor reports 200 trapped at Clark and Skyway. Trying to protect with fire engines and aircraft

Buses are dispatched to pick up trapped evacuees

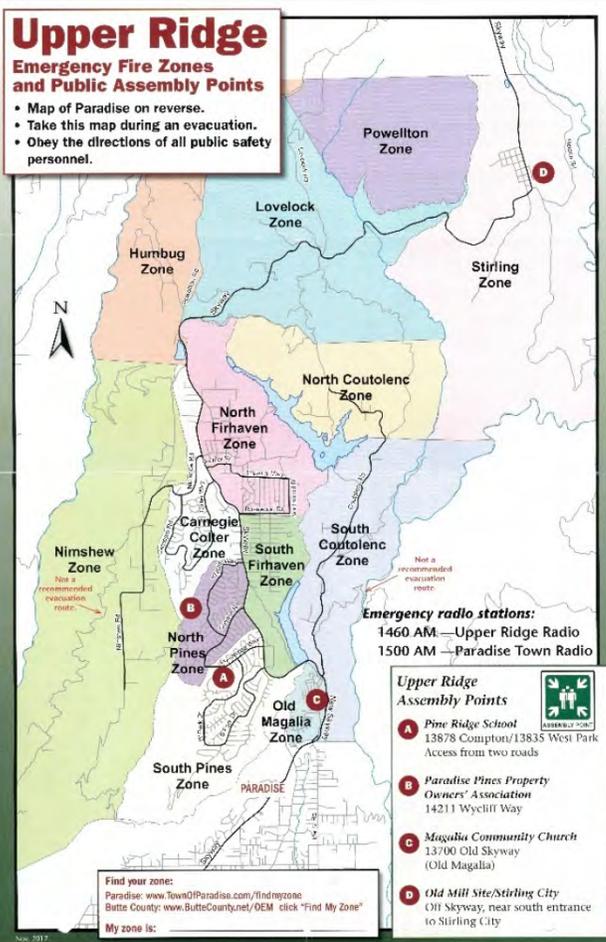


Evacuation Maps

Upper Ridge

Emergency Fire Zones and Public Assembly Points

- Map of Paradise on reverse.
- Take this map during an evacuation.
- Obey the directions of all public safety personnel.



Paradise

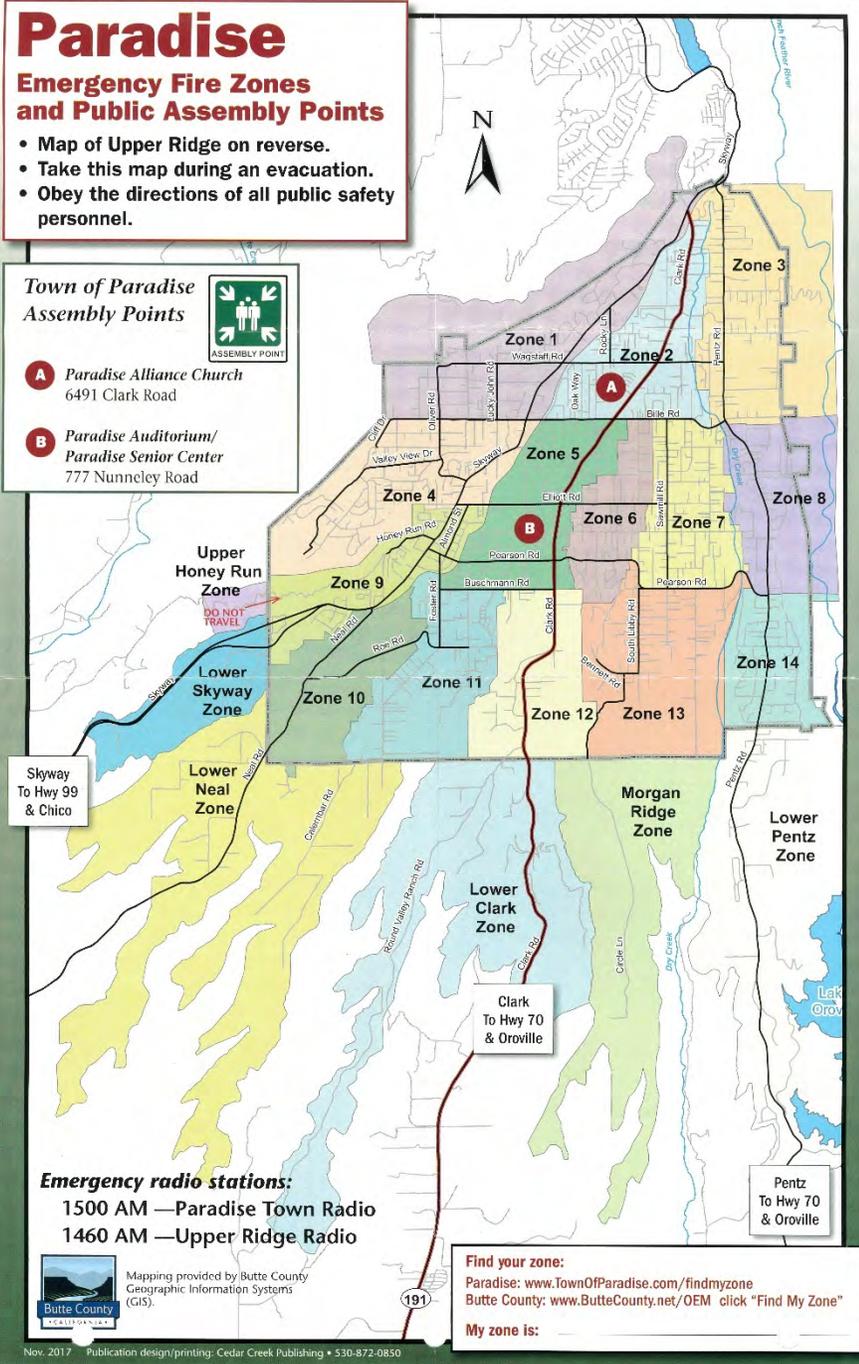
Emergency Fire Zones and Public Assembly Points

- Map of Upper Ridge on reverse.
- Take this map during an evacuation.
- Obey the directions of all public safety personnel.

Town of Paradise Assembly Points



- A** Paradise Alliance Church
6491 Clark Road
- B** Paradise Auditorium/
Paradise Senior Center
777 Nunneley Road



Town of Paradise Evacuation Traffic Plans

Zone 10 – SW Paradise, Neal / Skyway / Roe (Nance & Hamlin Canyons)

Evacuation Zone Description

Includes all properties accessed via Neal Rd between Skyway and the west Town limit; all properties accessed via Roe Road between Neal Rd and Foster Rd; all properties accessed by Circlewood Dr and Filbert St and all properties along Wayland Rd from Neal Rd east to Calenbar Wy.

Priority Intersections

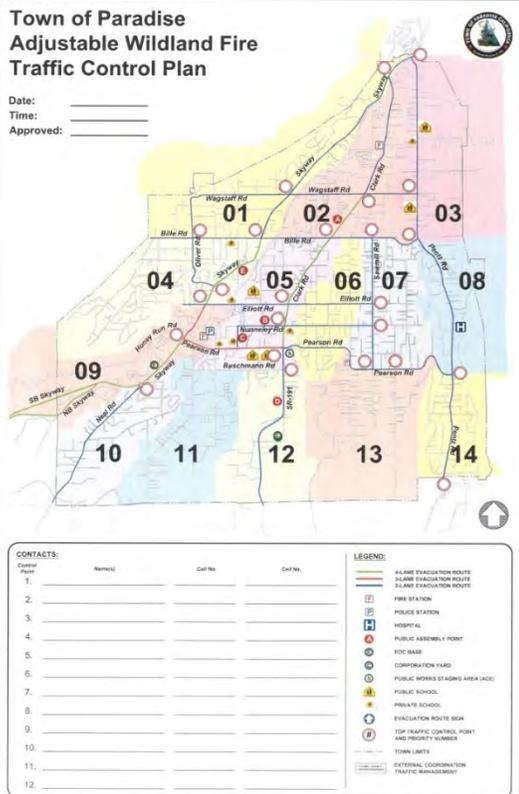
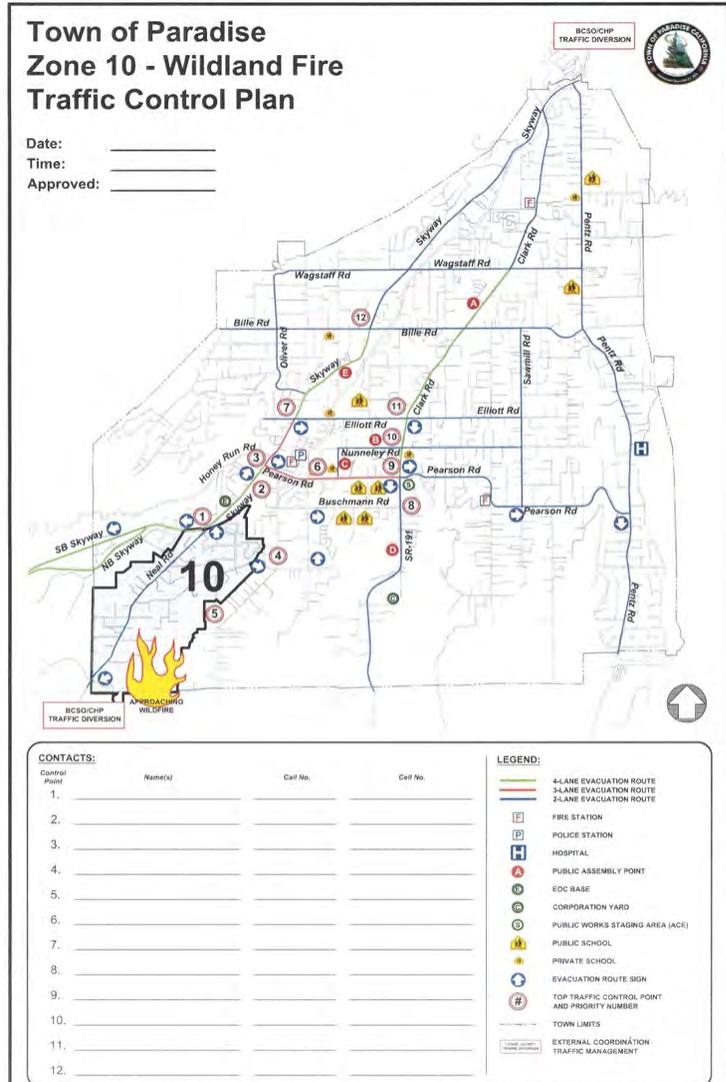
ID	Primary Street	Secondary Street	Action	Staffing	Resources
0	Skyway	Butte Creek	Close NB Skyway	BCSO/CHP	
0	Neal Road	HWY 99	Close NB Neal	BCSO/CHP	
1	Skyway	Neal Road	Close SB Neal	3 Flaggers 1 PPD	(2) Road Closed (2) Evac Route (1) Arrow (24) Traffic Cones
2	Skyway	Black Olive Drive	Dependent Upon Event	2 Flaggers 1 PPD	(2) Road Closed (2) Evac Route (2) Arrow (24) Traffic Cones
3	Skyway	Pearson Road	Facilitate Evacuation	2 Flaggers 1 PPD	(2) Evac Route (24) Traffic Cones
4	Roe Road	Foster Road	Facilitate Evacuation	2 Flaggers	(1) Road Closed (1) Evac Route (1) Arrow (12) Traffic Cones
5	Foster Road	Toyon Lane	Facilitate Evacuation	2 Flaggers	(1) Road Closed (1) Evac Route (12) Traffic Cones
6	Pearson Road	Black Olive Drive	Facilitate Evacuation		(7) Evac Route (14) Traffic Cones
7	Skyway	Elliott Road	Facilitate Evacuation		(7) Evac Route (14) Traffic Cones
8	Clark Road	Buschmann Road	Facilitate Evacuation		(7) Evac Route (14) Traffic Cones
9	Clark Road	Pearson Road	Facilitate Evacuation		(7) Evac Route (14) Traffic Cones
10	Clark Road	Nunneley Road	Facilitate Evacuation		(7) Evac Route (14) Traffic Cones
11	Clark Road	Elliott Road	Facilitate Evacuation		(7) Evac Route (14) Traffic Cones
12	Skyway	Bille Road	Facilitate Evacuation		(7) Evac Route (14) Traffic Cones
TOTALS				11 Flaggers 3 PPD	(27) Barricades (6) Road Closed (2) Road Closed Ahead (15) Evac Route (4) Arrow (110) Cones

Other Considerations

1. One-Way Evacuation Scenarios:
 - a. Pentz Road between Pearson Road and TBD
 - b. Clark Road between Clark Road and TBD

Town of Paradise Zone 10 - Wildland Fire Traffic Control Plan

Date: _____
 Time: _____
 Approved: _____



One-Way Traffic Brochure

How will I be informed about One-Way Evacuation?

Officials will notify residents of the need to evacuate through various means, including direct contact by law enforcement, volunteers in police service, fire and other public safety personnel.

Indirect notification may come in a number of media and social media avenues including but not limited to Community Advisory Radio Stations (AM 1500 in Paradise and AM 1460 in the Upper Ridge), the Emergency Mass Notification System (aka Reverse 911), local TV and radio as well as public safety sponsored social media accounts.

Sign up for notification via cell phone and email at <https://Buttecounty.onthealert.com/>.

What Routes will be used for One-Way Evacuation?

Routes will be selected based on the specific needs of the incident. Entry and termination points will be determined based on the location, direction and speed of the fire's spread. Each emergency situation will dictate traffic priorities and evacuation needs.

What if I live on a One-Way Evacuation Route?

Residents who live along a one-way evacuation route that is being used are encouraged to shelter in place at your home. This evacuation route has been chosen because it is not threatened at this time and provides the best means to evacuate residents in other areas that are under an evacuation order.

For more information on wildfire preparedness, Paradise/Magalia Evacuation Plan, Go Bags, and information on how to stay informed during emergencies visit Buttefiresafe.net or call the Butte County Fire Safe Council at 877-0984. Additional information on Ready, Set, Go is available on ReadyForWildfire.org.



NON-PROFIT ORGANIZATION U.S. POSTAGE PAID PARADISE CALIFORNIA PERMIT #

5619 Black Olive Drive Paradise, CA 95969 530/877-0984 (T) 530/877-0986 (F)



Be Prepared!

- Keep your gas tank at least 1/2 full during wildfire season.
- Have a "Go Bag" in your vehicle—basic supplies to subsist for up to 48 hours.

Plan ahead for an emergency



One-Way Evacuation

Paradise area

How it works. When it works. What to know.

Evacuation Goal

To minimize the loss of life by evacuating those individuals who are within the immediate hazard area as quickly as possible. Evacuations are based on pre-determined evacuation zones.

KNOW YOUR ZONE!

If you are not within the immediate hazard area and not directed to evacuate by public officials, remain at your location and shelter in place.

One-Way Evacuation Operation

"One-Way Evacuation Operations" means that the travel lanes on a designated section of road that are normally two-way would proceed in one direction, heading away from an approaching wildland fire. It provides a way to handle the additional traffic anticipated as Paradise and Magalia residents and visitors leave the area in advance of a wildland fire. One-Way evacuations are used only in extreme situations and for as short of a duration as possible. As soon as evacuation traffic allows, normal roadway usage will resume.

Information to Know

Primary evacuation routes for Paradise and the Upper Ridge will be implemented first, if these plans are proving effective in handling the evacuating traffic, then a One-Way Evacuation Operation is not likely to be implemented.

Emergency managers will decide if a One-Way Evacuation Route must be implemented (Paradise PD, CHP, Public Works, CalTrans) based on the specific needs of the incident. Entry and termination points will be determined based on the location, direction and rate of the fire spread.

Tune into Community Advisory Radio Stations AM 1500 in Paradise and 1460 on the Upper Ridge for emergency information about the One-Way Evacuation route.

Obey officers' directions and follow directional arrows, route markers and traffic cones. All state highway safety regulations and traffic laws apply for the reversed lanes, including speed limits.

Message boards may be used to provide key information at the beginning of the reverse lane, entrance to the One-Way Evacuation Route to assist you with your choices.

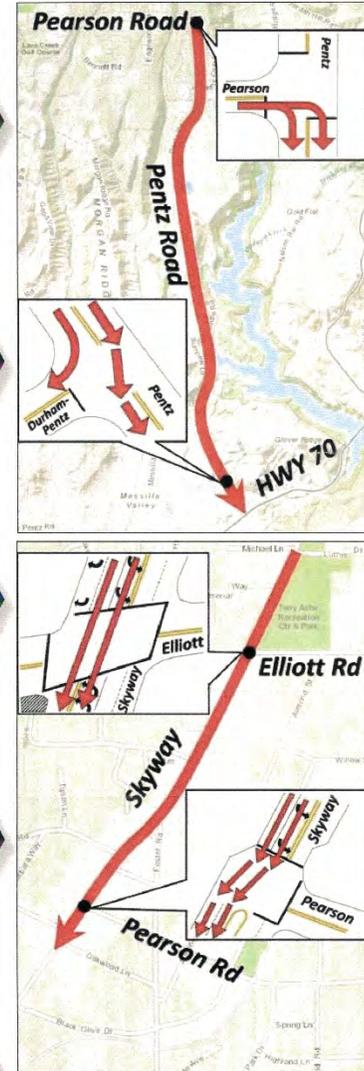
Law enforcement officers or other personnel will be at the entrance and termination of the route directing traffic. Do not stop to ask questions because officials will not answer questions as this will slow the evacuation process.

Vehicles entering the One-Way Evacuation route are expected to travel to the end of the route.

Commercial vehicles, recreational vehicles and those towing boats or other trailers should remain in the right hand travel lanes.

Stay with your vehicle at all times.

Planned One-Way Routes (if needed)



One-Way Evacuation Traffic Plan

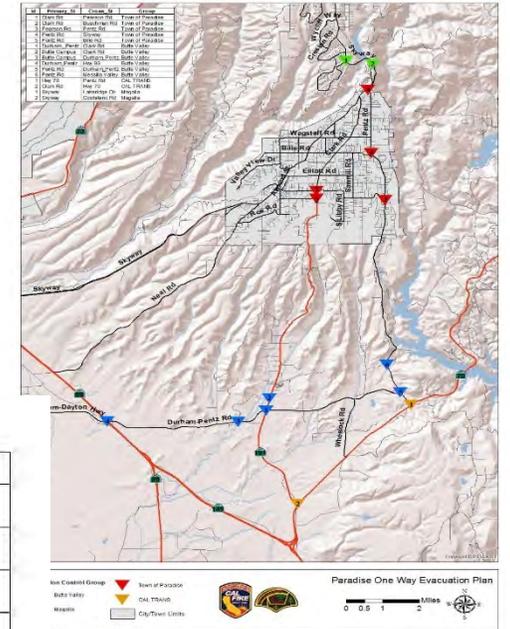
One-Way Traffic Control Action Plan for Pentz Road

One Way Evacuation on Pentz Rd - Creates One-Way Evacuation from Pearson Rd at Pentz Rd to Highway 70 at Hwy 149

ID	Primary Street	Secondary Street	Action	Staffing	Resources
Town of Paradise Group - Paradise Police Department - Town PW, Town V/PS					
1	Clark Rd	Pearson Rd	Close SB Clark/Hwy191 in the TOP at Pearson Rd	2 Flaggers PPD	(1) Road Closed Ahead (1) Evac Route (1) Arrow (1) Barricade (24) Traffic Cones
2	Clark Road	Buschman Rd	Close traffic onto Clark Rd/Hwy 191	1 Flagger	(1) Road Closed (1) Barricade (10) Traffic Cones
3	Pearson Rd	Pentz Rd	Prepare to flow traffic into both southbound lanes of Pentz Rd	2 Flaggers PPD	(1) Evac Route (1) Barricade (12) Traffic Cones
4	Pentz Road	Skyway	Soft closure SB Pentz; divert Magalia traffic to Skyway	2 Flaggers	(1) Road Closed Ahead (1) Evac Route (1) Arrow (12) Traffic Cones
5	Pentz Road	Billie Road	Soft closure to divert traffic away from Pentz Rd/Pearson Rd intersection	2 Flaggers	(1) Road Closed Ahead (10) Traffic Cones (1) Barricade (2) Road Closed Ahead (1) Road Closed (2) Traffic Route (2) Arrow (3) Barricade (58) Traffic Cones
				Totals	
Butte County Group - California Highway Patrol - Butte County PW - Butte Campus Police					
1	Durham-Pentz	Clark Rd/Hwy 191	Close EB Durham Pentz - Flow both WB lanes of Durham/Pentz to SB Clark Rd/Hwy 191. Flow Traffic from SB Clark Rd to WB Durham Pentz Rd. Close the gate at Clear Creek Crossing Stone @ Durham/Pentz	CHP/BPCPW 2 Flaggers 1 CHP(CH)	(2) Road Closed (1) Evac Route (1) Arrow (2) Barricades (24) Traffic Cones
2	Butte Campus Dr	Clark Rd	Allow traffic from Butte Valley to flow from Clark Rd/Hwy 191 to WB Durham/Pentz Rd	Butte PD	(1) Evac Route
3	Butte Campus Dr	Durham/Pentz	Close traffic to NB Butte Campus Dr. Allow traffic to flow onto WB Durham Pentz	Butte PD 2 flaggers	(1) Road Closed (1) Evac Route (12) Traffic Cones
				6	7/24/2017



Paradise Ridge Pentz Rd. One-Way Evacuation Intersection Map



7/24/2017

Durham Pentz	Hwy 99	Close traffic from traveling EB on Durham/Pentz	1 flagger	(1) Road Closed (1) Barricade
Pentz Road	Durham Pentz Rd	Flow traffic from SB Pentz Rd lanes onto WB Durham/Pentz	CHP/BPCPW 2 Flaggers 1 CHP(CH)	(1) Road Closed (1) Evac Route (12) Traffic Cones
Pentz Rd	Messilla Valley Road	Close traffic onto Pentz Rd Turn traffic back to WB Durham/Pentz	1 Flagger	(1) Road Closed (1) Barricade
Sweep Pentz Rd	From Durham Pentz Rd to Pearson Rd	CHP proceeds northbound from Durham Pentz Rd to Pearson Rd	(1) CHP (1) PPD	
Initiate One-Way Evacuation	Pentz Rd southbound from Pearson Rd to Hwy 70	CHP in coordination with PPD leads initial One Way traffic flow southbound in both lanes of Pentz Rd	(1) CHP (1) PPD Supervisor	
Totals				(5) Road Closed (3) Evac Route (2) Arrow (5) Barricade (48) Traffic Cones

Cal Trans Group - California Highway Patrol - Cal Trans

1	Hwy 70	Pentz Rd	Close NB Pentz Rd - Allow remaining traffic to SB Hwy 70	CalTrans 2 Flaggers 1 CHP(ORO)	(1) Road Closed (1) Barricade (24) Traffic Cones
2	Clark Road	Hwy 70	Close NB Clark Rd/Hwy 191 - Flow traffic from Clark Rd SB onto Hwy70	2 Flaggers 1 CHP(ORO)	(1) Road Closed (2) Barricades (1) Evac Route (1) Arrow (24) Traffic Cones
				Totals	(2) Road Closed (3) Barricade (1) Evac Route (1) Arrow (48) Traffic Cones

Magalia Group - California Highway Patrol - Butte County PW

1	Circle	Lakeridge Circe	Close Skyway southbound until One-Way Evacuation is terminated.	(1) CHP 2 Flaggers	(1) Road Closed (1) Barricade (12) Traffic Cones
2	Skyway	Coutelenc Rd	Close Skyway southbound until One-Way Evacuation is terminated.	(1) Flagger	(2) Road Closed (24) Traffic Cones
				Totals	(3) Road Closed (1) Barricade (39) Traffic Cones

ICP and EOCS

1			Use Decision Points to trigger early activation of One-Way Evacuation	IC	
---	--	--	---	----	--

7

7/24/2017



Stay Informed in an Emergency

Stay In the know

Phone

9-1-1 for emergencies only, not for information

CAL FIRE/Butte County Fire Information Line

1.530.538.7826

For extended fire emergencies in the County area, Town of Paradise, City of Biggs and Gridley

Town of Paradise Information Line

1.530.872.5951

Staffed during major emergency events

PG&E Information Line

1.800.743.5000

Report power outages and downed power lines.

Caltrans Information Line

1.800.427.7623

For current highway conditions

Television & Radio

KHSL Channel 12

KNVN Channel 24

KRCR Channel 7

KPAY 1290 AM

Berry Creek Community radio: 1250 AM

Yankee Hill Community radio: 1630 AM

Magalia Community radio: 1460 AM

Town of Paradise Community radio: 1500 AM

Internet

CAL FIRE <http://www.fire.ca.gov>

BUTTE COUNTY <http://www.buttecounty.net>

ROAD INFORMATION <http://www.dot.ca.gov>

<https://www.buttecounty.net/roadconditions>

<https://www.chp.ca.gov>

WEATHER INFORMATION <http://www.weather.gov>

Facebook

CAL FIRE <facebook.com/CALFIRE>

Butte County <facebook.com/ButteCounty>

Butte County Sheriff News <facebook.com/bcsonews>

Butte County Public Health <facebook.com/buttecountypublichealth>

Town of Paradise <facebook.com/townofparadise>

Oroville Fire <facebook.com/cityoforovillefire>

Chico Fire <facebook.com/chicofiredepartment>

Twitter

Fire/Rescue @CALFIRE_ButteCo

@chicoFD

Law Enforcement @ButteSheriff

@ChicoPolice

@CHP_Chico

Government @CountyofButte

@BCPubHealth

@CAL_FIRE

@paradise_ca



EMERGENCY!

Keep this guide close by.

Discover what you need to:

- Prepare for an emergency.
- Understand emergency weather warnings and evacuation terms.
- Find information from official sources during an emergency.

Be Prepared Be Informed Stay In the know

Be Prepared

Visit **READY, SET, GO!**

www.ReadyForWildfire.org

Learn more about being prepared.



Have a Go Bag

Duffle bag with 48 hours of supplies, water, snacks, medications, toiletries, credit cards and cash, important documents and computer files—and, if you have a pet, pet food, water and supplies.

Radio & Mobile Devices

You can receive information during an emergency by keeping your mobile devices charged and monitoring a battery-operated radio.

Community Evacuation Plan

Do you have yours?

Go to Butte County Office of Emergency Management at www.ButteCounty.net/OEM/DisasterPreparedness and download the evacuation plan for your community.

Be Informed

Learn Severe Weather Terms

Watch: "Be aware." Conditions are favorable for the development of severe weather which could impact fires.

Warning: "Take action." Weather conditions pose a threat to life or property. Potential for critical fire behavior.

Learn Evacuation Terms

Evacuation Warning: Alerts people in an affected area(s) of potential threat to life and property. People who need additional time should consider evacuating at this time. An Evacuation Warning considers the probability that an area will be affected and prepares people for the potential of an Immediate Evacuation Order.

Immediate Evacuation Order: Requires the immediate movement of people out of an affected area due to imminent threat to life. Choosing to stay could result in the loss of life. Staying may also impede the work of emergency personnel. Due to the changing nature of the emergency, the Immediate Evacuation Order may be the only warning people in the affected area(s) receive.

Public Assembly Point: A temporary assembly area that provides a safe haven for evacuees to assemble until conditions subside and evacuation routes are accessible, or for evacuees who otherwise cannot evacuate the community on their own and need assistance to be moved to a shelter. Note: Evacuees who are capable of evacuating on their own to designated shelters or other areas outside of their community do not need to go to Public Assembly Points unless directed by public safety officials.

Sign Up For:

 **Emergency Mass Notification System:** Receive emergency notifications by phone (landline or mobile), text or email. Sign up: www.ButteCounty.net/MassNotification

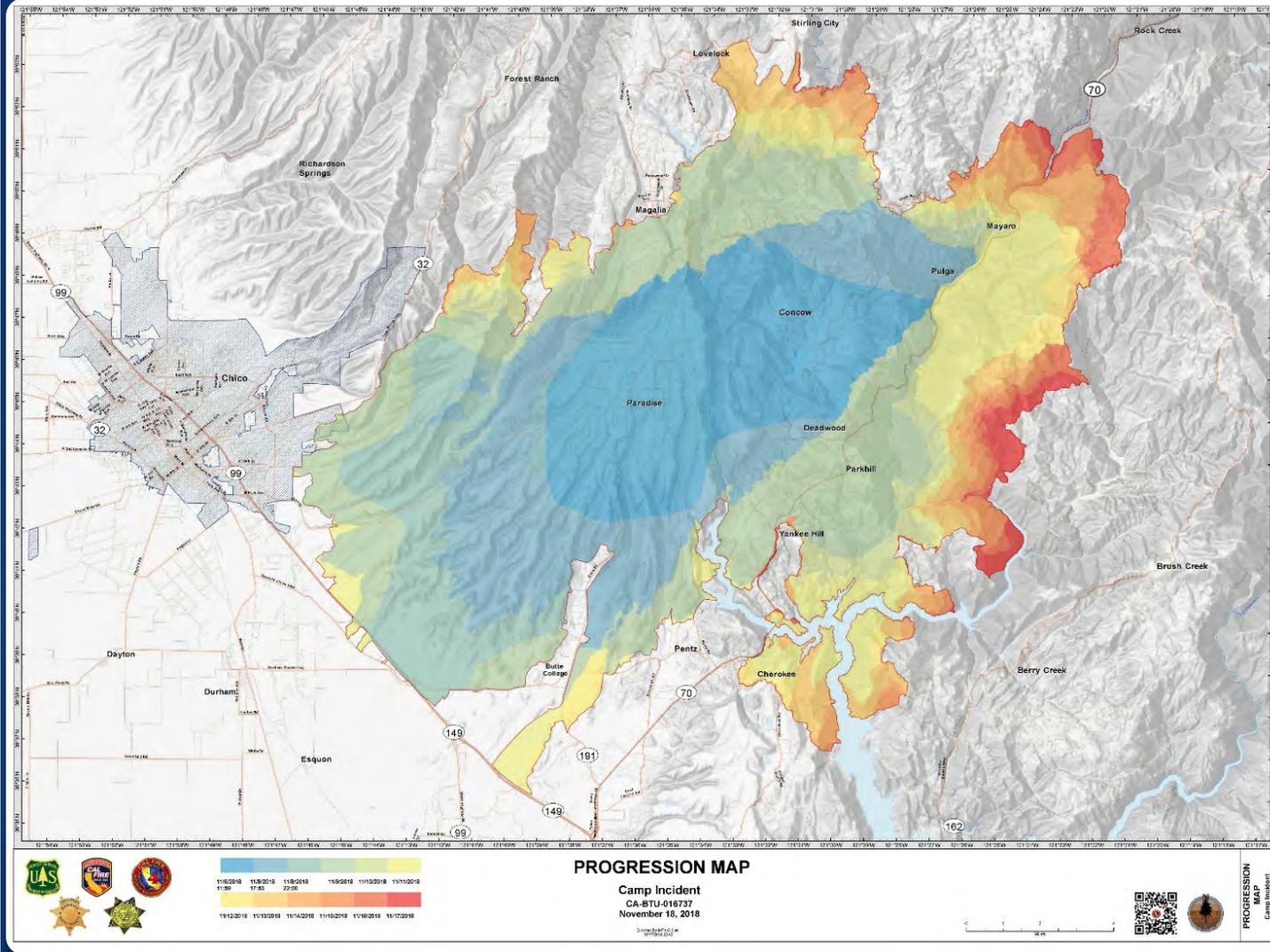
Download a Mobile App:

CALFIRE Ready for Wildfire App: Available on Android, Apple and Windows phones and devices. Visit App Store or Google Play Store and search "CALFIRE."

Paradise Police App: Available on Android, Apple and Windows phones and devices. For download instructions, go to: <https://www.TownOfParadise.com> then navigate to: Our Government>Departments>Police

Review Disaster Preparedness Guidelines

Butte County Office of Emergency Management: www.ButteCounty.net/OEM/DisasterPreparedness



By 21:00 hours, 83,000 acres burned.

268 Fire Engines, 19 Water tenders, 17 Dozers and 35 Hand Crews are deployed to the line.

Approximately 1450 personnel

Lessons Reinforced & Learned

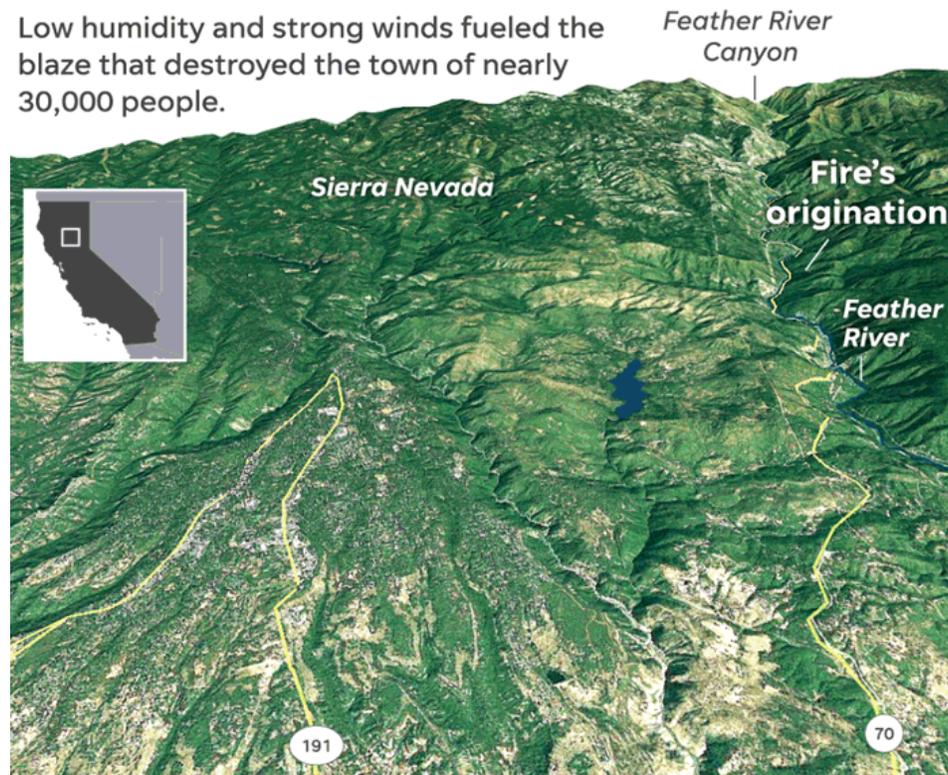
www.buttecounty.net/oem

- Community Evacuation Planning is critical for both citizens and public safety officials.
 - Citizen preparedness – Go Bags
 - Evacuation Plan, maps w/zones (name vs #)
 - Find my zone – GIS lookup tool
 - One-way traffic Plan
 - Public Assembly Points & Community Refuge Areas
 - Fuel reduction along evacuation routes.
 - Evacuation messaging, no notice events
 - Annual review by Gov't officials and NGOs, included large stakeholders, schools
- Paradise & Upper Ridge limited ingress & egress
 - Phased approach to evacuation
 - Pace of evacuations dictated by the fire
 - Many routes were quickly overrun by fire very early
 - Civilians stuck in traffic, abandoned vehicles
- Community evacuation drill
 - Large number of at risk/vulnerable citizens
 - Multi family care and retirement communities
- Evacuation centers & regional traffic management
- Ingress for responders was challenged
- Utility & communications infra-structure
 - Cellular network & evacuation notifications
 - Powerlines down across roads
- Identify critical infrastructure
 - Harden or implement protection systems.
- Fuel Reduction in the WUI

Paradise and Concow devastated in less than 12 hours

Wildfire torches entire California town in less than 24 hours

Low humidity and strong winds fueled the blaze that destroyed the town of nearly 30,000 people.



SOURCE ENPLAN Wildfire Viewer (wildfireviewer.mapport.com), Sentinel, Google Earth Pro, USA TODAY Network research



Paradise and Concow devastated in less than 12 hours

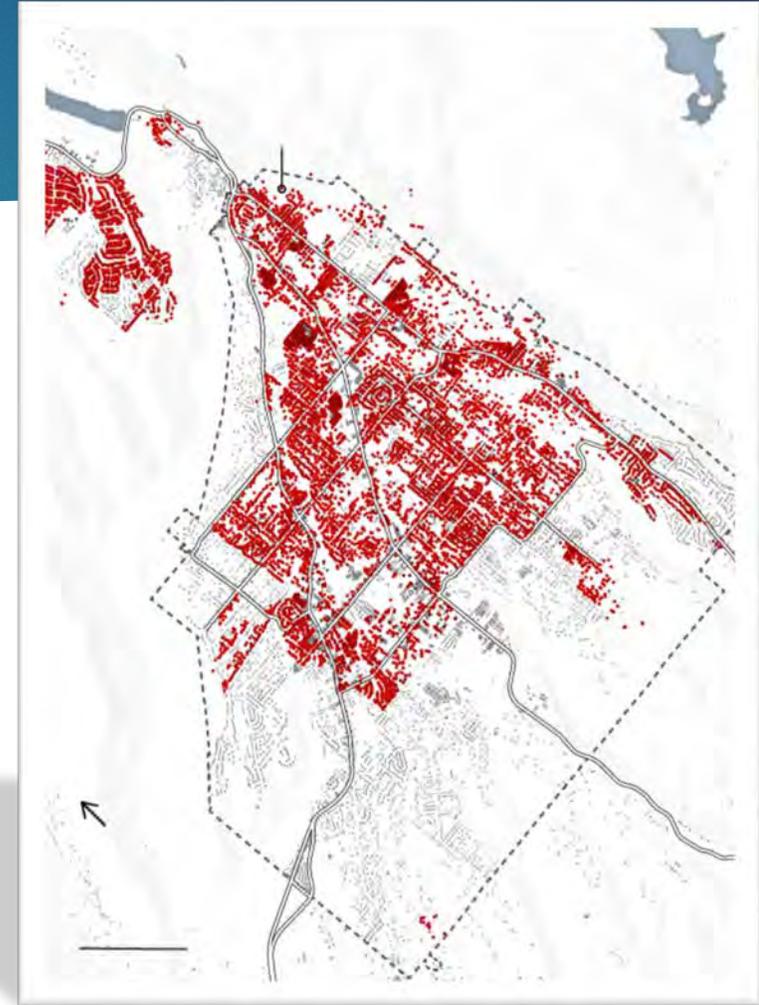


Homes Destroyed/Damaged

18,804 Structures destroyed

- 13,696 - Single family Residences destroyed
- 462 - Single family Residences damaged*
- 276 - Multi-family Residences destroyed
- 25 - Multi-family Residences damaged*
- 4,293 - Other Minor Structures destroyed
- 528 - Commercial Structures destroyed
- 102 - Commercial Structures damaged*

Note: * Not included in final report of destroyed structures.



20 Most Destructive Fires in CA History (Structures)



2018

Last 5 Years

Historical

Fire Name	Year	Structures Burned
Camp Fire	2018	18,804
Tubbs	2017	5,636
Tunnel - Oakland Hills	1991	2,900
Cedar	2003	2,820
Valley	2015	1,955
Witch	2007	1,650
Carr	2018	1,604
Nuns	2017	1,355
Thomas	2017	1,063
Old	2003	1,003
Jones	1999	954
Butte	2015	921
Atlas	2017	783
Paint	1990	641
Fountain	1992	636
Sayre	2008	604
City of Berkeley	1923	584
Harris	2007	548
Redwood Valley	2017	546
Bel Air	1961	484

20 Deadliest Fires in CA History (Fatalities)



2018

Last 5 Years

Historical

Fire Name	Year	Fatalities
Camp Fire	2018	85
Griffith Park	1933	29
Tunnel - Oakland Hills	1991	25
Tubbs	2017	22
Cedar	2003	15
Rattlesnake	1953	15
Loop	1966	12
Hauser Creek	1943	11
Inaja	1956	11
Iron Alps Complex	2008	10
Redwood Valley	2017	9
Harris	2007	8
Canyon	1968	8
Carr	2018	8
Atlas	2017	6
Old	2003	6
Decker	1959	6
Hacienda	1955	6
Esperanza	2006	5
Laguna	1970	5

- Community Development & Building Standards
- Community Evacuation Preparedness & Evacuation Warning
- Strategic Fuel Reduction and Forest Health
- Firefighting Resources Equipped for the 21st Century Fire Environment.



Preparing California Communities for Wildfire in the 21st Century