

Where we are, where we are going

- The Landscape
- The System
- The Issues
- The Horizon



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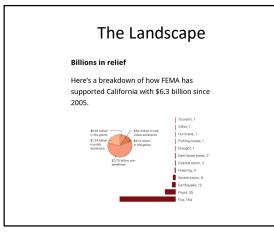
The Landscape

- 39.3 million residents
- 14, 178,000 housing units
- 155,780 square miles
- 58 Counties
- 2 million plus homes in interface
- State Senators- 40
- State Assembly members 80
- Proposed 2019/29 budget 209 Billion

The Landscape

- CalFire
- Cal OES
- California National Guard
- Federal Agencies (USFS, BLM, NPS)
- Local Government

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The System

- California Fire Chiefs Association
- California Metro Chiefs
- Fire Districts Association of California
- California League of Cities, Fire Service Section
- DRiSC (Disaster Readiness of Safer Communities)
- California Professional Firefighters (CPF)
- California State Firefighters Association (CSFA)

The System

- California Statewide Mutual Aid System established 1950
- All Fire Organizations belong
- Managed by Cal OES- FIRESCOPE Board of Directors advises CalOES
- Apparatus, Chiefs- coordinates local government mutual aid

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What questions/issues have been raised based on the significant fire activity in California?

 We need Our num California M 	ber of u	inable t	o fill re	quest h	ave riser			F's
Year Engine/WT Overhead Total	-,	· ·	403 2,315		2016 3,029 4,034 7,063	4,867	.,	
2018 Califor Engine/WT Overhead	nia Mut 18,37 15,52	4	System	Equipm	ient and	l Overhe	ad - Filled	Request

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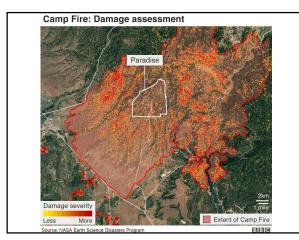
	NAME (CAUSE)	DATE	COUNTY	ACRES	STRUCTURES	DEATHS
1 CAMP FIRE (U)	der Investigation)	November 2018	Butte County	153,336	18,804	85
2 TUBBS (Electrics	d)	October 2017	Napa & Sonoma	36,807	5,636	22
3 TUNNEL - Oakl	and Hills (Rekindle)	October 1991	Alameda	1,600	2,900	25
4 CEDAR (Human	Related)	October 2003	San Diego	273,246	2,820	15
5 VALLEY (Electr	ical)	September 2015	Lake, Napa & Sonoma	76,067	1,955	4
6 WITCH (Powerlin	ues)	October 2007	San Diego	197,990	1,650	2
7 WOOLSEY (Und	ar Investigation)	November 2018	Ventura	96,949	1,643	3
8 CARR (Human)	lelated)	July 2018	Shasta County, Trinity County	229,651	1,614	8
9 NUNS (Powerline)	October 2017	Sonoma	54,382	1,355	3
10 THOMAS (Pouve	line)	December 2017	Ventura & Santa Barbara	281,893	1,063	2
11 OLD (Human Re	lated)	October 2003	San Bernardino	91,281	1,003	6
12 JONES (Undeter	nined)	October 1999	Shasta	26,200	954	1
13 BUTTE (Powerlin	ues)	September 2015	Amador & Calaveras	70,868	921	2
14 ATLAS (Powerlin	e)	October 2017	Napa & Solano	51,624	783	6
15 PAINT (Arson)		June 1990	Santa Barbara	4,900	641	1
16 FOUNTAIN (Ars	on)	August 1992	Shasta	63,960	636	0
17 SAYRE (Misc.)		November 2008	Los Angeles	11,262	60-4	0
18 CITY OF BERK	ELEY (Powerlines)	September 1923	Alameda	130	584	0
19 HARRIS (Undete	rmined)	October 2007	San Diego	90,440	548	8
20 REDWOOD VAL	LEY (Praverline)	October 2017	Mendocino	36.523	546	9



Wildfire

- 2 million homes in WUI
- Hardening of homes
- Dead tree 129 million, fuels mitigation, defensible space
- Alerts, warnings and evacuations
- Loss of tax base, bond repayment

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Camp Fire Economic impacts

- Paradise Irrigation District has 3.1 million of debt to repay- now a new water system
- The Paradise USF had a estimated 3,165 students in 2017. 5 of 9 schools gone. With housing stock gone this will effect student

enrollment



Camp Fire- Bond analysis

- Can the Town of Paradise meet the 3.5 million in annual payments to pension obligation and retiree healthcare?
- Paradise redevelopment Agency issued 1.475 million in subordinate tax allocation and refund bonds.
- Can Paradise School District pay the 61 million GOB measure that was passed?

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Issues-Problems

- State has a EMSA
- Counties have LEMSA (33 total)
- They lean towards private sector
- Anti Trust lawsuit in Orange County
- Underground Regulations by CalChiefs to OAL
- Legislative efforts to define "201"

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Issues

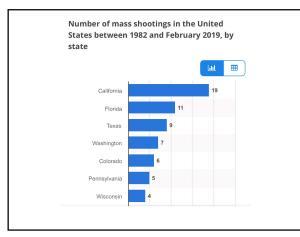
- CFAA-California Fire Assistance Agreement and the USFS
- Insurance companies refusing to insure those in the WUI
- Dated 911 system- transition from hardline to mobile phones
- Affordable housing vs. fire safe homes













The Horizon

- Earthquake warning system- up to 60 seconds
- Pre-Positioning of resources including wildfire and mud/debris flows
- All Risk Fusion Center
- Utility power shut off
- Improved alerts and warnings
- Remote sensing

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