

National Wildfire Prevention Day Workshop

Sponsored by the Oakland Firesafe Council, the Piedmont
Pines Neighborhood Association and the Montclair
Neighborhood Council

May 4, 2019



The New Mega-Fires: What You Need to Know

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FIRE SEASON IN REVIEW

2018



2017 WAS ONLY THE BEGINNING

OCTOBER 2017 SAW A FIRE SIEGE SO IMPACTFUL THAT THREE OF THOSE FIRES ARE ON THE TOP 20 DEADLIEST CA WILDFIRES LIST AND FOUR ARE ON THE TOP 20 MOST DESTRUCTIVE CA WILDFIRES LIST



2018: NO RELIEF IN SIGHT

LACK OF HUMIDITY, TINDER-DRY VEGETATION, AND STRONG SANTA ANA WINDS LED TO A FIRE SIEGE IN DECEMBER 2017 THAT INCLUDED ONE OF THE MOST DESTRUCTIVE AND THE SECOND LARGEST FIRES IN RECENT CA HISTORY, THE THOMAS FIRE. THIS FIRE CARRIED ON INTO JANUARY 2018.

ONLY TO BE FOLLOWED BY CATASTROPHIC FLOODING AND MUDSLIDES.



FIRE YEAR BY STATEWIDE NUMBERS



OVER 7,500
WILDFIRES



OVER 1.8
MILLION
ACRES
BURNED



OVER 22,700
STRUCTURES
DESTROYED



CHALLENGES

- OVER 100 SIGNIFICANT WILDFIRES SPARKED OVER THE SUMMER AND INTO THE FALL MONTHS
- CA WAS HIT WITH A WAVE OF UNFORESEEN CRITICAL FIRE WEATHER CONDITIONS IN LATE OCTOBER AND EARLY NOVEMBER
- FIRES BURNED WITH RAPID AND ABNORMALLY EXTREME FEROCITY ACROSS DRY LANDSCAPES



A YEAR OF RECORD- BREAKING FIRES



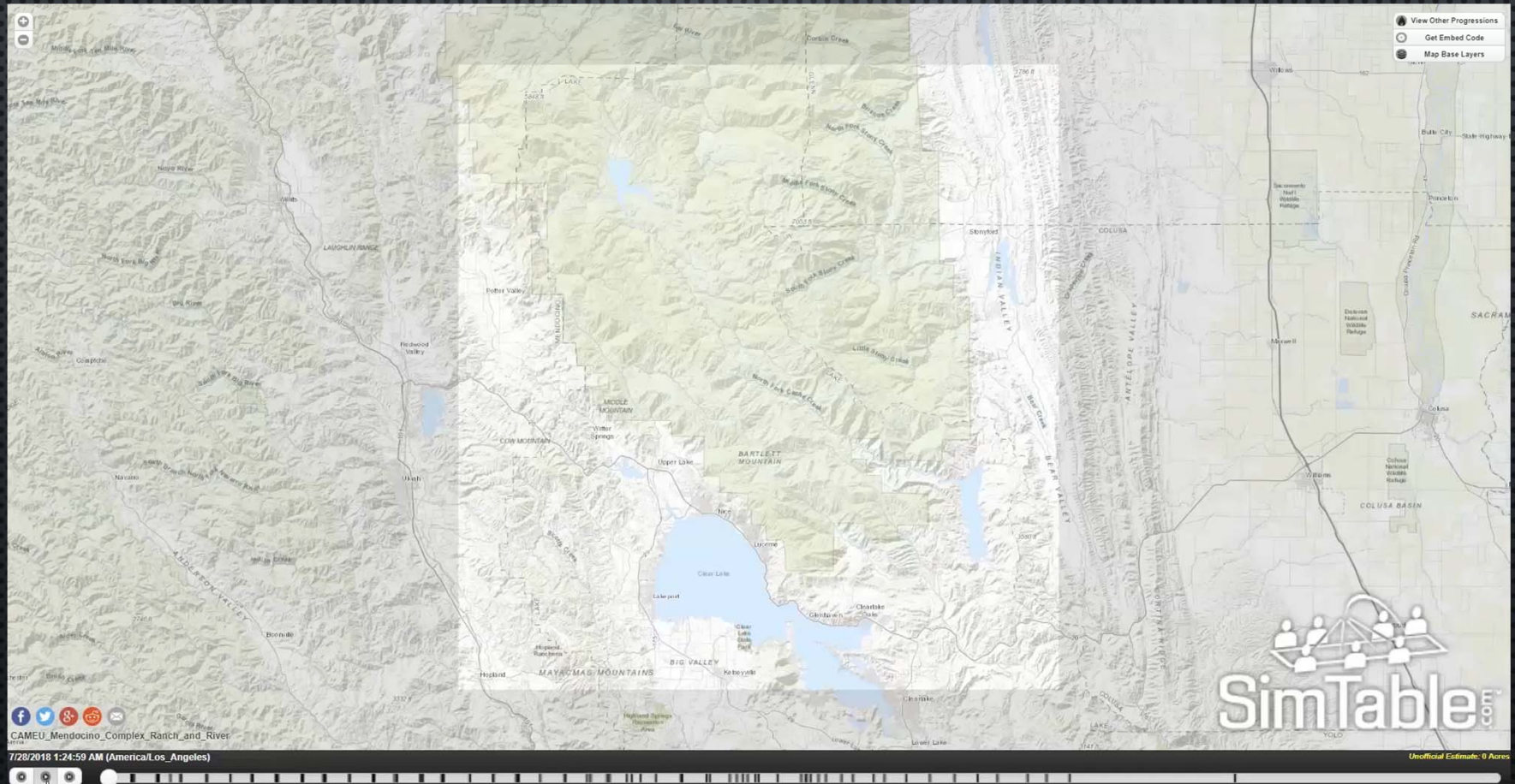
MENDOCINO COMPLEX

RIVER FIRE & RANCH FIRE

- STARTED JULY 2018
- COLUSA, LAKE, MENDOCINO, & GLENN COUNTIES
- BURNED 459,123 ACRES
- 280 STRUCTURES DESTROYED
- 1 FATALITY
- **#1 LARGEST WILDFIRE** IN RECENT CA HISTORY



MENDOCINO COMPLEX PROGRESSION MAP



CARR FIRE

- STARTED JULY 2018
- SHASTA & TRINITY COUNTIES
- BURNED 229,651 ACRES
- 1,614 STRUCTURES DESTROYED
- 8 FATALITIES
- **#7 LARGEST WILDFIRE** IN RECENT CA HISTORY
- **#8 MOST DESTRUCTIVE CA WILDFIRE**
- **#14 DEADLIEST CA WILDFIRE**



CARR FIRE PROGRESSION MAP



WOOLSEY FIRE
November 8 - November 21, 2018

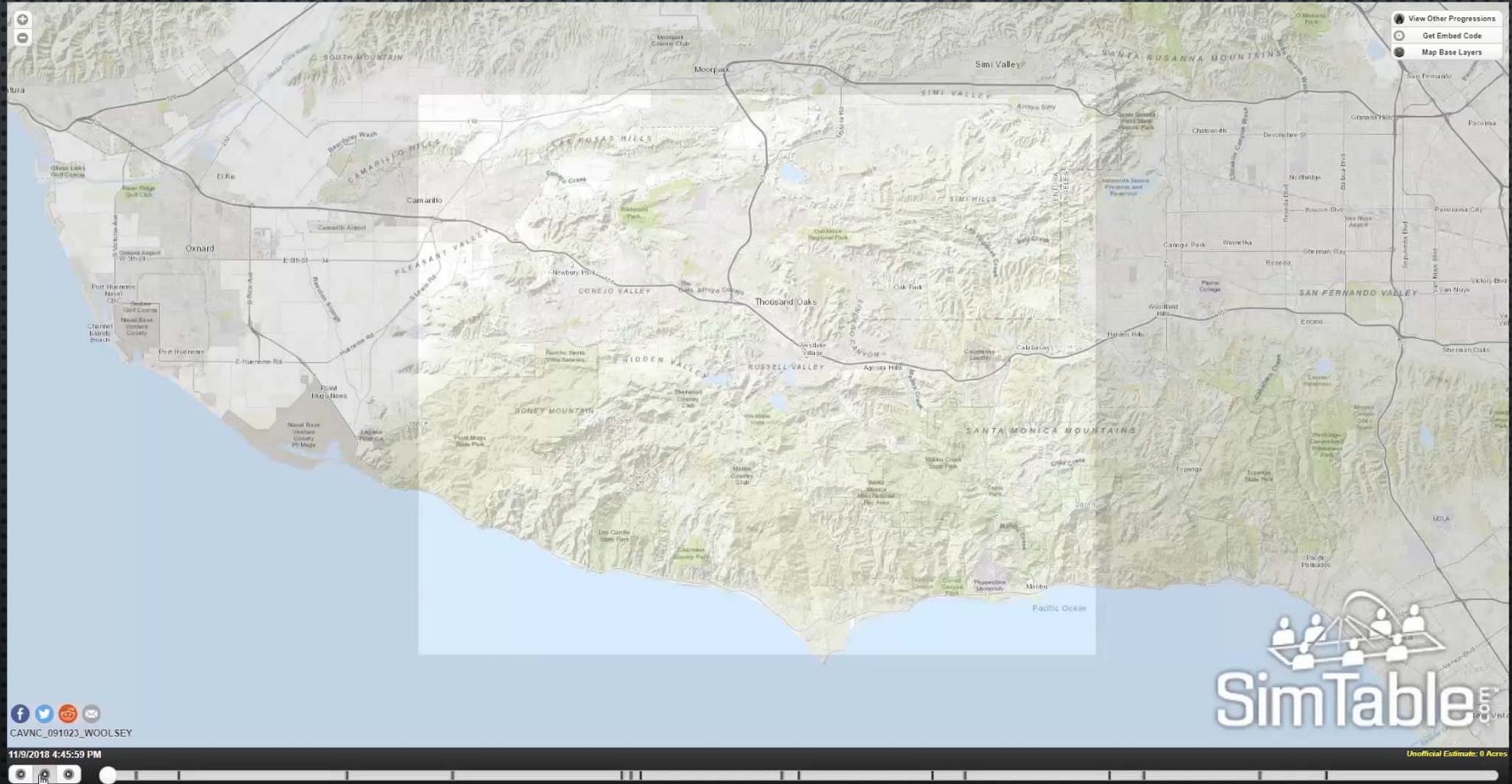
96,949 Acres
1,643 Structures Destroyed
3 Fatalities

WOOLSEY FIRE

- STARTED NOVEMBER 2018
- LOS ANGELES & VENTURA COUNTIES
- BURNED 96,949 ACRES
- 1,643 STRUCTURES DESTROYED
- 3 FATALITIES
- **#7 MOST DESTRUCTIVE CA WILDFIRE**



WOOLSEY FIRE PROGRESSION MAP



CAMP FIRE

November 8 - November 25, 2018

153,336 Acres

18,804 Structures Destroyed

85 Fatalities

CAMP FIRE

- STARTED NOVEMBER 2018
- BUTTE COUNTY
- BURNED 153,336 ACRES
- 18,804 STRUCTURES DESTROYED
- 85 FATALITIES
- **#16 LARGEST WILDFIRE** IN RECENT CA HISTORY
- **#1 MOST DESTRUCTIVE CA WILDFIRE**
- **#1 DEADLIEST CA WILDFIRE**

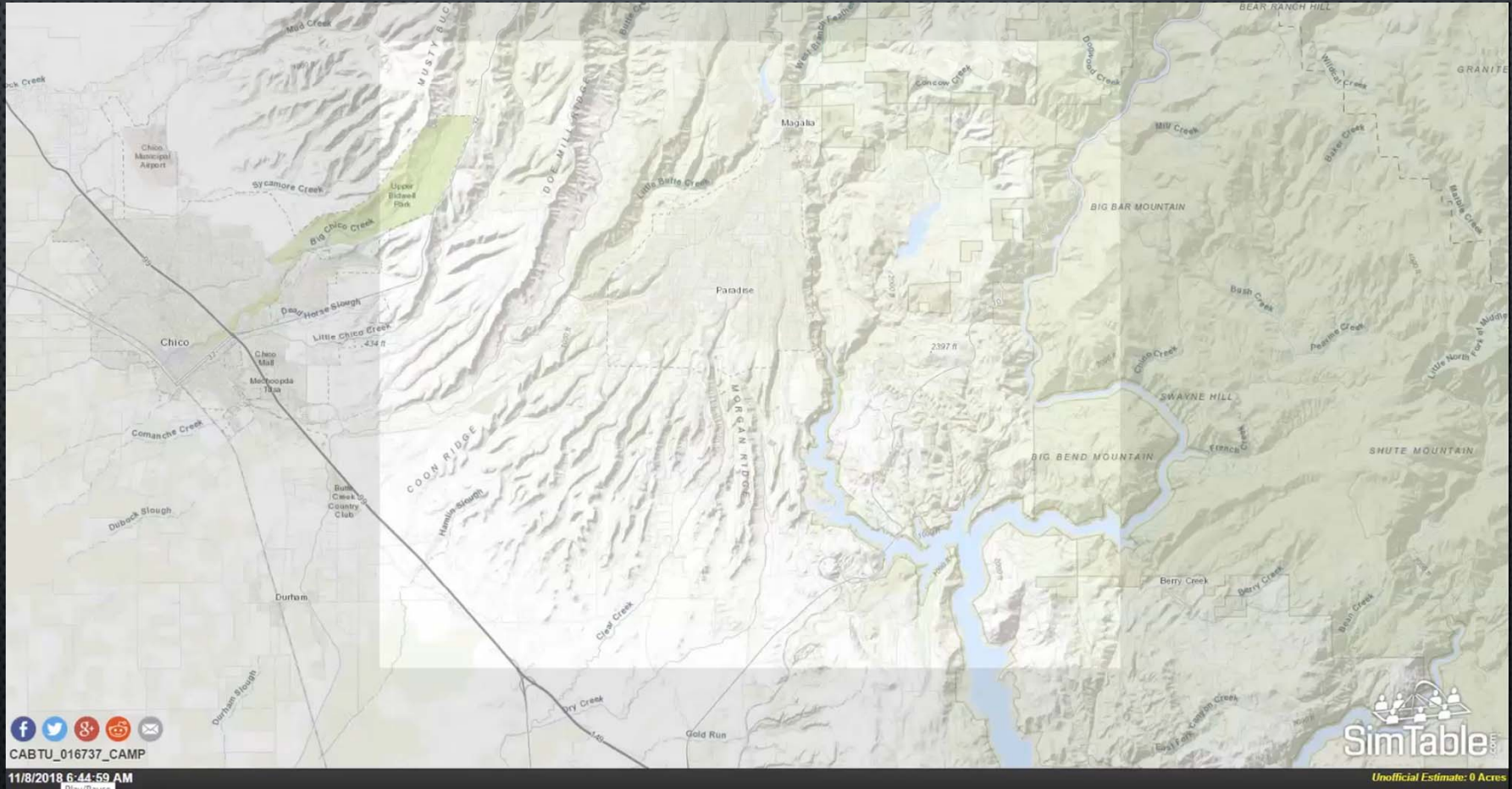


CAMP FIRE

THE CAMP FIRE RIPPED THROUGH THE COMMUNITIES OF CONCOW, PULGA, MAGALIA, AND THE TOWN OF PARADISE WITH SUCH FEROCITY THAT FIRST RESPONDERS COULDN'T EVEN FIGHT THE FIRE FOR THE FIRST 24 HOURS, INSTEAD FOCUSING SOLELY ON EVACUATING AS MANY RESIDENTS AS POSSIBLE.



CAMP FIRE PROGRESSION MAP



ALL RESOURCES ASSIGNED TO CAL FIRE INCIDENTS IN 2018

*INCLUDING CONTRACT COUNTIES



OVER 236,100
PERSONNEL
RESPONDED
TO WILDFIRES



OVER 22,600
ENGINES &
DOZERS
COMBINED
RESPONDED



OVER 9,000
HELICOPTERS
& AIRCRAFT
COMBINED
RESPONDED



RECOVERY

- INTENSE HEAT THAT WAS GENERATED FROM THESE MASSIVE FIRES HAD A HUGE EFFECT ON THE WATERSHED AND LANDSCAPE
- WERT HAS BEEN TASKED WITH HELPING TO STOP AND SLOW WATER RUN OFF THAT CAN LEAD TO DANGEROUS FLOODING AND EROSION AFTER THESE FIRES
- HOWEVER, TIMING IS CRITICAL AND THIS WINTER IS ALREADY SHAPING UP TO HAVE CONSISTENT RAIN FROM LARGE STORMS





THANK

YOU