

## QUARTERLY BRIEFING

#### **EXECUTIVE SUMMARY**

The FIRESCOPE Board of Directors, Operations Teams, Task Force, and Specialist/Working Groups continue working to improve the efficiency and effectiveness of the California Fire Service consistent with the organization's mission. The California Office of Emergency Services (Cal OES) Fire and Rescue Services Advisory Committee / FIRESCOPE Board of Directors has approved and initiated new directives at their October 2021 meeting. The dissemination and implementation of new or revised policy, procedural and developmental documents is critical to maintaining the integrity and effective execution of Cal OES Fire and Rescue Branch Operations, the Incident Command System (ICS), the Multi Agency Coordination System (MACS), and the State's Master Mutual Aid System. To that end, this "FIRESCOPE Quarterly Briefing" is designed to inform the California Fire Service and affected stakeholders of material changes, and to provide clarity to the impact associated with new or recently revised FIRESCOPE documents.

#### **MISSION STATEMENT**

"The mission of FIRESCOPE is to provide recommendations and technical guidance to the California Governor's Office of Emergency Services (Cal OES) on matters involving mutual aid; to maintain the FIRESCOPE decision process; and to continue the operation, development, and maintenance of the FIRESCOPE Incident Command System (ICS) and the Multi-Agency Coordination System (MACS)"

#### **FIRESCOPE VISION STATEMENT**

The FIRESCOPE vision is to continue national leadership in the development of all-hazard incident and multi-agency coordination systems, to enhance and encourage full participation by the California fire service in the statewide Fire and Rescue Mutual Aid System, and to provide a common voice for the California fire service relating to these issues.

www.firescope.caloes.ca.gov

October 2021



HAZARDOUS MATERIALS

SAFETY

Chief Josh Stinnett

Chief Dan Horton

Chief Dean Zipper Chief Garrett Huff

TECHNICAL SEARCH & RESCUE

AVIATION

Chief Garrett Huff Chief Josh Stinnett

Chief Dave Gerboth Chief Shane Sherwood

# FIRESCOPE

## **QUARTERLY BRIEFING**

#### FIRESCOPE ORGANIZATIONAL CHART FIRESCOP MARK GHILARDUCCI DIRECTOR alifornia Governor's Office of Emergency Service Program Decision Process BRIAN MARSHALL Coordination STATE FIRE AND RESCUE COORDINATOR california Governor's Office of Emergency Service Direction and Control CAL OES FIRE SERVICE ADVISORY COMMITTEE FIRESCOPE BOARD OF DIRECTORS FIRESCOPE Chief Brian Fennessy (Chair) Orange County Fire Authority FIRESCOPE Chief Daryl Osby Los Angeles County Fire Department U..S. BUREAU OF LAND MANAGEMENT State FMO Scott Lucas NATIONAL PARK SERVICE Chief Robin Wills COUNTY FIRE DEPARTMENTS NORTH Chief Tony Bowden (Vice-Chair) Santa Clara County Fire STATE FIRE MARSHAL FIRESCOPE Chief Ralph M. Terrazas Los Angeles Fire Department CITY FIRE DEPARTMENTS NORTH Mike Richwine CAL FIRE, Office of the State Fire Marshal/State Board of Fire Service Chief Jeanine Nicholson San Francisco Fire Department FIRESCOPE Chief Brian Marshall (Executive Coordinator) CA Governor's Office of Emergency Services Fire and Rescue Division FIRESCOPE Chief Mark Hartwig Santa Barbara County Fire Department CITY FIRE DEPARTMENTS SOUTH VOLUNTEER FIRE DEPARTMENTS Chief Jeffery Gilbert Williams Fire Protection Authority San Diego Fire - Rescue Department FIRESCOPE Director Bob Baird USDA Forest Service Aviation & Fire Management FIRE DISTRICTS NORTH FIRESCOPE Director Thom Porter CALIFORNIA PROFESSIONAL FIREFIGHTERS CALIFORNIA STATE FIREFIGHTERS ASSOCIATION President Eddie Sell FIRESCOPE FIRE DISTRICTS SOUTH FIRESCOPE Chief Aaron Duncan Kern County Fire Department Chief Dan Munsey San Bernardino County FPD Chief Mark Lorenzen Ventura County Fire Department FIRESCOPE OPERATIONS TEAM FIRESCOPE Chief Alfred Poirier (Chair) Los Angeles Fire Departme U.S. COAST GUARD FIRESCOPE FIRESCOPE Assistant Director Randy Skelton USDA Forest Service Cal OES MUTUAL AID REGION IV Chief Bill Steers Kern County Fire Department Chief Eric Walder Waterloo Morada Fire District U.S. DEPARTMENT OF INTERIOR Mike Minton National Park Service Cal OES MUTUAL AID REGION II Chief Ryan Nishimoto Cal OES MUTUAL AID REGION V Chief Jeff McLaughlin Tulare County Fire Department FIRESCOPE (Vice-Chair) Chief Dustin Gardner Ventura County Fire Department FIRESCOPE Chief Jon O'Brien Los Angeles County Fire Department Chief Ryan Nishimoto Alameda County Fire Department U.S. FIRE ADMINISTRATION Cal OES MUTUAL AID REGION VI Chief Tom Marshall San Bernardino County Fire Department VoluntEER FIRE DEPARTMENTS Varant FIRESCOPE (Secretary) Chief Mark Kendall CAL FIRE FIRESCOPE Chief Kenny Dossey Orange County Fire Authority Cal OES MUTUAL AID REGION II Chief Jose L. Velo San Francisco Fire Department FIRESCOPE FIRESCOPE Chief Matt Farris Santa Barbara County Fire Department Cal OES MUTUAL AID REGION III Chief Ray Barber Red Bluff Fire Department SYSTEMS (NIMS) CONSORTIUM Chief Robert D. Neamy Los Angeles Fire Department (Retired) Chief Jim Johnstone Cal OES, Fire and Rescue Division FIRESCOPE TASK FORCE FIRESCOPE Chief Jim Tomaselli USDA Forest Service FIRE DISTRICTS NORTH Chief Dustin Hall El Dorado Hills Fire Departme CITY FIRE DEPARTMENTS SOUTH FIRESCOPE Chief Josh Stinnett Kern County Fire Department FIRE DISTRICTS SOUTH Chief Jason Serrano San Bernardino County Fire Department FIRESCOPE Chief Brook Spelman (Vice-Chair) Cal Fire FIRESCOPE Chief Dennis Breshears Los Angeles County Fire Department FIRESCOPE FIRESCOPE Chief Garrett Huff (Secretary) Santa Barbara County Fire Department CITY FIRE DEPARTMENTS NORTH U.S. DEPARTMENT OF INTERIOR FIRESCOPE Chief Dean Zipperman Los Angeles Fire Department Chief David Brinsfield Bureau of Land Management Chief Pat D'Arcy San Francisco Fire Department STATE FIRE MARSHAL COUNTY FIRE DEPARTMENTS NORTH FIRESCOPE FIRESCOPE ef Matt Brown ita Clara County Fire Department Chief Cathy Johnson Cal OES, Fire and Rescue Division Chief Shane Sherwood Orange County Fire Authority VOLUNTEER FIRE DEPARTMENTS **FIRESCOPE LIAISONS** NWCG NIMS INTEGRATION COMMITTEE STATEWIDE TRAINING & EDUCATION ADVISORY COMMITTEE Chief David Baldwin Sacramento Fire Department NATIONAL INCIDENT MANAGEMENT WORKING GROUP (NIMWG) Chief Bob Neamy, Los Angeles Fire Dept. (Retired) NWCG INCIDENT POSITIONS & STANDARDS COMMITTEE FIRESCOPE SPECIALIST GROUP LIAISONS **EMERGENCY MEDICAL SERVICES** Chief Jon O'Brier Chief Dustin Hall

GEOGRAPHICAL INFO. SYSTEMS

Chief Dean Zippermar

PREDICTIVE SERVICES

Chief James Tomaselli Chief Jon O'Brien

Chief Dan Horton

COMMUNICATIONS

Chief Pat D'Arcy Chief David Brinsfield

HIGH RISE OPERATIONS

Chief Shane Sherwood Chief David Gerboth

ING INFO. TECHNOLGIES

Chief Brook Spelman Chief Jason Serrano

Chief Jason Serrano Chief Garrett Huff

BEHAVIORAL HEALTH



## **QUARTERLY BRIEFING**

#### 2021 Fire Season

Once again, the California Fire Service is being challenged by unprecedented fire behavior throughout the state. The Dixie Fire is now the largest single wildfire (non-complex) in the state's history and the first known fire to cross the crest of the Sierra Nevada. The Caldor Fire crossed the Sierra Nevada shortly after the Dixie, making two historic fire events in just a number of days.

Fires are getting bigger, burning longer and with more intensity. Total fires during 2021 are approximately 10% above the 5-year average, however total acres burned is almost double. Nine of the 20 largest fires in California history have burned in just the last two fire seasons:

Top 20 Largest California Wildfires

FIRE NAME (CAUSE)	DATE	COUNTY	ACRES	STRUCTURES	DEATHS
1 AUGUST COMPLEX (Lightning)	August 2020	Mendocino, Humboldt, Trinity, Tehama, Glenn, Lake, & Colusa	1,032,648	935	1
2 DIXIE (Under Investigation)*	July 2021	Butte, Plumas, Lassen, & Tehama	963,195	1,329	1
3 MENDOCINO COMPLEX (Human Related)	July 2018	Colusa, Lake, Mendocino & Glenn	459,123	280	1
4 SCU LIGHTNING COMPLEX (Lightning)	August 2020	Stanislaus, Santa Clara, Alameda, Contra Costa, & San Joaquin	396,624	222	0
5 CREEK (Undetermined)	September 2020	Fresno & Madera	379,895	853	0
6 LNU LIGHTNING COMPLEX (Lightning/Arson)	August 2020	Napa, Solano, Sonoma, Yolo, Lake, & Colusa	363,220	1,491	6
7 NORTH COMPLEX (Lightning)	August 2020	Butte, Plumas & Yuba	318,935	2,352	15
8 THOMAS (Powerlines)	December 2017	Ventura & Santa Barbara	281,893	1,063	2
9 CEDAR (Human Related)	October 2003	San Diego	273,246	2,820	15
10 RUSH (Lightning)	August 2012	Lassen	271,911 CA / 43,666 NV	0	0
11 RIM (Human Related)	August 2013	Tuolumne	257,314	112	0
12 ZACA (Human Related)	July 2007	Santa Barbara	240,207	1	0
13 CARR (Human Related)	July 2018	Shasta County & Trinity	229,651	1,614	8
14 MATILIJA (Undetermined)	September 1932	Ventura	220,000	0	0
15 CALDOR (Under Investigation)*	August 2021	Alpine, Amador, & El Dorado	219,060	1,003	1
16 MONUMENT (Lightning)*	August 2021	Trinity	218,457	50	0
17 WITCH (Powerlines)	October 2007	San Diego	197,990	1,650	2
18 KLAMATH THEATER COMPLEX (Lightning)	June 2008	Siskiyou	192,038	0	2
19 RIVER COMPLEX (Lightning)*	July 2021	Siskiyou & Trinity	195,779	121	0
20 MARBLE CONE (Lightning)	July 1977	Monterey	177,866	0	0

There is no doubt that there were fires with significant acreage burned in years prior to 1932, but those records are less reliable, and this list is meant to give an overview of th large fires in more recent times.

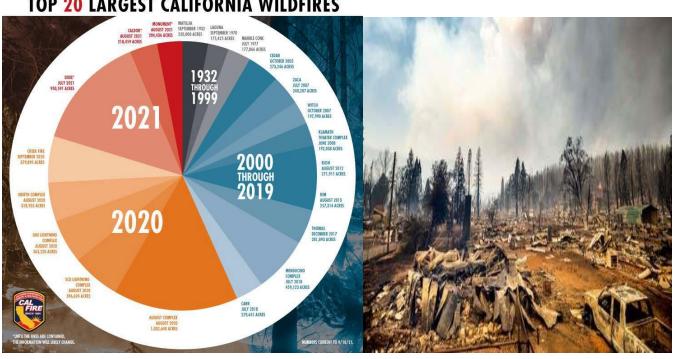
This list does not include fire jurisdiction. These are the Top 20 regardless of whether they were state, federal, or local re





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## **TOP 20 LARGEST CALIFORNIA WILDFIRES**







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Year to Date Wildfire Statistics (CAL FIRE and Federal)

Updated as of October 15, 2021

Interval	Fires	Acres
5-Year Average (same interval)	7,581	1,290,091
2021 Combined YTD (CALFIRE & US Forest Service)	8,106	2,495,174
2020 Combined YTD (CALFIRE & US Forest Service)	8,931	4,115,155

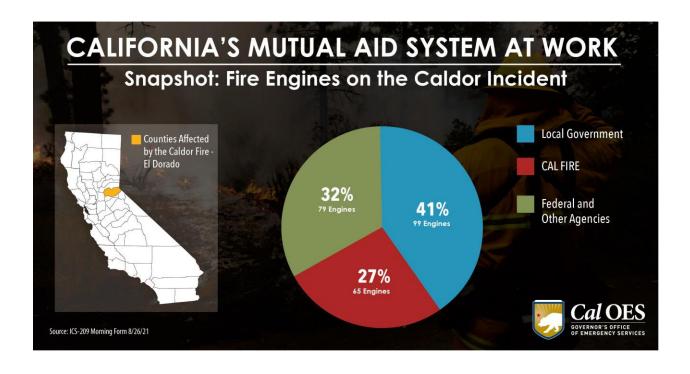
2021 Structures Damaged or Destroyed: 3,629

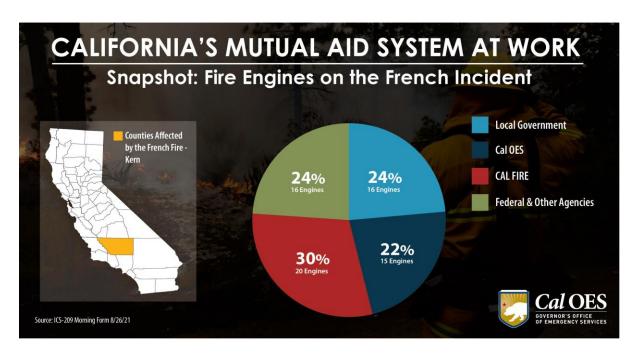


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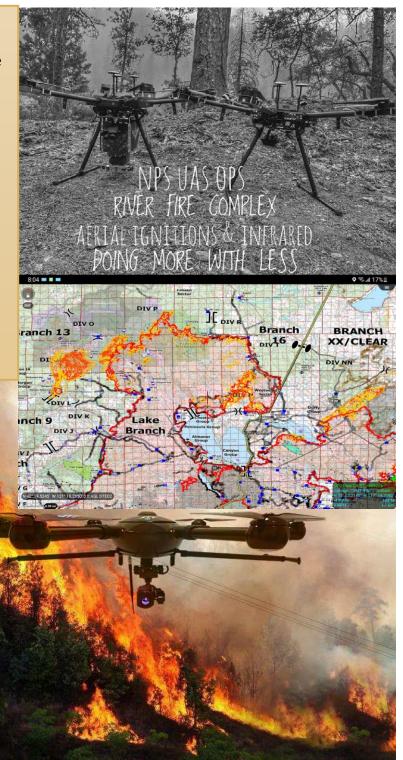


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#### **UAS Operations in California**

The 2021 fire season has seen the significant use and expanded capabilities of Unmanned Aircraft Systems (UAS) throughout California.

UAS programs from the United States Forest Service, CAL FIRE, Bureau of Land Management, National Park Service, and local governments have flown hundreds of missions on multiple fires. UAS have been utilized for recon, mapping, infrared, and aerial ignition.



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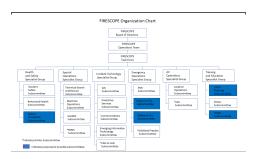
#### CURRENT FIRESCOPE PROJECTS

**FIRESCOPE Field Operations Guide:** Since its first publication in 1983, the FIRESCOPE Field Operations Guide (FOG) has provided crucial information in an easily accessible format to first responders. All levels of FIRESCOPE have been working on an updated FOG with a planned release in January 2022. The 2022 FOG will be available in the booklet and as an updated mobile device application.

**Behavioral Health Web Links:** The Behavioral Health Specialist Group continues to provide links to resources for all members of the California Fire Service. Topics include mental and behavioral health, family support, suicide prevention, screening tools, and cancer awareness. The links can be found on the FIRESCOPE home page at <a href="https://firescope.caloes.ca.gov/behavioral-health">https://firescope.caloes.ca.gov/behavioral-health</a>

#### FIRESCOPE Specialist / Working Group Reorganization:

FIRESCOPE continues the process to reorganize the Specialist Groups and add a new level, Subcommittees, to maintain span of control, mentorship, collaboration, and succession planning. The intent is to provide the most efficient and effective tools necessary to address California's emerging and expanding challenges. Link to MACS 410-4



**Standardized Wildland Prefire Plans:** As the threat of wildland fire continues to challenge agencies across California, FIRESCOPE recognized the value of a standardized Wildland Prefire Plan format that can be utilized throughout the state. A Wildland Prefire Plan Working Group has been convened to develop a standardized plan format, identify a platform to enable multi-agency access, provide the ability to create and update plans, determine costs and funding mechanisms, as well as incorporate existing plans.





# FIRESCOPE QUARTERLY BRIEFING

#### **FIRESCOPE**

#### **ADVISORY MESSAGE**

The information contained in this Quarterly Briefing is intended to be widely shared among the California fire service, its federal partners, as well as with other affected stakeholders. Agency Administrators, or responsible representatives, should ensure that this material is thoroughly reviewed and communicated within their respective organizations. Questions may be directed to FIRESCOPE Deputy Chief Jim Johnstone at <a href="mailto:iames.johnstone@caloes.ca.gov">james.johnstone@caloes.ca.gov</a>

or call (951) 312-8966

Fire Service professionals and the public are encouraged to follow FIRESCOPE on its social media sites and visit the FIRESCOPE Web Site at <a href="http://firescope.caloes.ca.gov">http://firescope.caloes.ca.gov</a> to learn more about the FIRESCOPE organization and to keep apprised of the latest product development and key initiatives

