

Incident Status Summary (ICS-209)

Incident: **SQF COMPLEX**

1. Incident Name: SQF COMPLEX		2. Incident Number: CA-SQF-002622									
3. Report Version (check one box): Initial <input checked="" type="checkbox"/> Update Final	4. Incident Commander(s) & Agency or Organization: Mike Minton, CIIMT 2 Jesse Estrada, CAL FIRE Tulare Unit	5. Incident Management Organization: Type 1 Team <input checked="" type="checkbox"/> Unified Command	6. Incident Start Date/Time: Date: 08/24/2020 Time: 1125 PDT								
7. Current Incident Size or Area Involved (use unit label – e.g., "Acres", "Square Miles"): 160908 Acres	8a. Percent (%) Contained or Completed: 65 % b. Total Percentage (%) of Perimeter that will be Contained or Completed: 100 %	9. Incident Type: Complex B. Incident Description: Wildfire C. Cause: Unknown D. Fire Suppression Strategy:									
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Strategy</th> <th style="width: 50%;">Percent (%)</th> </tr> </thead> <tbody> <tr> <td>Monitor</td> <td></td> </tr> <tr> <td>Confine</td> <td></td> </tr> <tr> <td>Point Zone Protection</td> <td></td> </tr> <tr> <td>Full Suppression</td> <td style="text-align: center;">100</td> </tr> </tbody> </table>		Strategy	Percent (%)	Monitor		Confine		Point Zone Protection	
Strategy	Percent (%)										
Monitor											
Confine											
Point Zone Protection											
Full Suppression	100										
10. Incident Complexity Level: Single <input checked="" type="checkbox"/> Complex		11. Report Time Period: From Date/Time: 10/06/2020 0600 PDT To Date/Time: 10/06/2020 1745 PDT									
12. Prepared By: Print Name: John Mosley Date/Time Prepared: 10/06/2020 1545 PDT		13. Approved By: Print Name: Mike Minton Signature: _____									
14. Date/Time Submitted: 10/06/2020 1748 PDT		15. Primary Location, Organization, or Agency Sent To: CA-OSSC									
16. State: CA	17. County / Parish / Borough: Tulare	18. City:									
19. Unit or Other:	20. Incident Jurisdiction: CA-SQF	21. Incident Location Ownership (if different than jurisdiction):									
22. Latitude/Longitude: Latitude: 36° 15' 18" Longitude: 118° 29' 48"		23. US National Grid Reference: Grid Zone: x-Coordinate: y-Coordinate:	24. Legal Description: Principal Meridian: Township: Range: Section: 1/4 Sec: of 1/4 Sec:								
25. Short Location or Area Description (list all affected areas or a reference point): 25 miles north of Kernville, CA			26. UTM Coordinates: Zone: Easting: Northing:								
27. Note any geospatial data available (indicate data format, content, and collection time information and labels): All geospatial data and products are uploaded to FTP site. https://ftp.nifc.gov/public/incident_specific_data/calif_s/!2020_Incidents/CA-SQF-002622_SQF%20COMPLEX/GIS/Products/											
28. Observed Fire Behavior or Significant Events for the Time Period Reported (describe fire behavior using accepted terminology. For non-fire incidents, describe significant events related to the materials or other causal agents): Active Flanking Backing Spotting Narrative:											

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Branch I: Smoldering, creeping, interior islands continue to burn.

Branch II: Smoldering, creeping, interior islands burning out.

Branch III: Active flanking, backing, and short range spotting in Division U. Plume dominated fire behavior with sustained crown runs to the north from Dennison Ridge in north-south aligned drainages.

29. Primary Fuel Model, Materials, or Hazards Involved (hazardous chemicals, fuel types, infectious agents, radiation, etc):

**Timber (Litter and Understory)
Chaparral (6 feet)
Timber (Grass and Understory)**

Narrative:

Fuel models located within the fire area vary with elevation and some have limited fire history. These include stands of dense mixed conifer with heavy brush below timber lines. The McNally burn scar (2002), Pier burn scar (2017), and Schaefer burn scar (2017) contain a mixture of grass, brush and snags which are all supporting fire spread. Fire is burning within areas of significant tree mortality contributing to significant fire resistance to control efforts.

30. Damage Assessment Information (summarize damage and/or restriction of use or availability to residential or commercial property, natural resources, critical infrastructure and key resources, etc):

Damage inspection has been completed. The Final Numbers are 10 single residences damaged, and 173 Destroyed, 2 Other minor structures damaged, and 55 destroyed.

Mandatory Evacuations Locations:

- Alpine Village
- Cedar Slope
- Pyles Boys Camp
- Redwood Drive
- Sequoia Crest
- East of Sequoia National Forest Boundary, from the intersection of Hwy 190 and Balch Park, Balch Park Road and Blue Ridge Road, Bear Creek Road and Rancheria Fire Road (Excluding parts of Bear Creek homes under a Warning)
- Everything south of the intersection of Cinnamon Canyon Road, including Cinnamon Canyon Road
- The entire South Fork Drive

Voluntary Evacuation Warning:

- Coy Flat
- Mineral King
- Silver City
- Remainder of South Fork Drive
- Camp Nelson
- Pier Point
- Ponderosa
- Doyle Springs

A. Structural Summary	B. # Threatened (up to 72 hrs)	C. # Damaged	D. # Destroyed
E. Single Residences	0	10	173
F. Multiple Residences	0	0	0
G. Mixed Commercial / Residential	0	0	0
H. Nonresidential Commercial Property	0	0	0
I. Other Minor Structures	0	2	55

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-Blue Ridge Drive between Balch Park Road and the Gate at Grouse Valley
-Bear Creek Road from Rancheria Fire Control Road to the address of 44853 Bear Creek Road
-Rodgers Camp
-Mountain Aire

AREA CLOSURES:

Sequoia & Kings Canyon National Parks Reopen- Mineral King/Wilderness Closures Remain in Effect
As evacuation warnings associated with SQF Complex fires have been lifted, both parks will be open. However, the Mineral King area and some wilderness areas remain closed.

Sequoia National Forest and Inyo National Forest

Balch Park (Tulare County), Mountain Home Demonstration State Forest, Case Mountain Extensive Recreation Management Area (BLM). Case Mountain Recreational area remains closed due to the Castle Fire threat.

ROAD CLOSURES
(<https://tularecounty.ca.gov/emergencies/>):

-Mountain 50 & 107
-Mountain 99 & Sherman Pass
-Sequoia National Forest Closure
-Sherman Pass & Cherry
-South Fork Dr./Conley Bridge
-Highway 190 at Rio Vista
-Balch Park & Blue Ridge
-Bear Creek & Rancheria Fire Rd.

31. Public Status Summary: <i>C. Indicate the Number of Civilians (Public) Below:</i>				32. Responder Status Summary: <i>C. Indicate the Number of Responders Below:</i>			
	Previous Report Total	A. # this Reporting Period	B. Total # to-date		Previous Report Total	A. # this Reporting Period	B. Total # to-date
D. Fatalities	0		0	D. Fatalities	0		0
E. With Injuries/Illness	0		0	E. With Injuries/Illness	17	0	17
F. Trapped/In Need of Rescue	0		0	F. Trapped/In Need of Rescue	0		0
G. Missing	0		0	G. Missing	0		0
H. Evacuated	260	0	260	H. Evacuated	0		0
I. Sheltering in Place	0		0	I. Sheltering in Place	0		0
J. In Temporary Shelters	0		0	J. In Temporary Shelters	0		0
K. Have Received Mass Immunizations	0		0	K. Have Received Mass Immunizations	0		0
L. Require Immunizations	0		0	L. Require Immunizations	0		0
M. In Quarantine	0		0	M. In Quarantine	0		0

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	Previous Report Total	A. # this Reporting Period	B. Total # to-date		Previous Report Total	A. # this Reporting Period	B. Total # to-date
N. Total # Civilians (Public) Affected:	260	0	260	N. Total # Responders Affected:	17	0	17

<p>33. Life, Safety, and Health Status/Threat Remarks: Safety and health threats to suppression personnel includes long travel routes of narrow mountain roads through rural, farming, and ranching communities with limited visibility due to smoky conditions. Congested roadways and heavy traffic in and around the incident. Drought, bug kill, & fire Weakened trees all have accident potential. Steep, terrain will bring footing issues, access issues creates alignment and safety issues. The changing weather conditions will affect the work zones.</p> <p>There is potential to threaten the communities of Three Rivers and the structures in the South Fork drainage.</p>	<p>34. Life, Safety, and Health Threat Management:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 85%;"></th> <th style="width: 15%;">Active?</th> </tr> </thead> <tbody> <tr><td>A. No Likely Threat</td><td></td></tr> <tr><td>B. Potential Future Threat</td><td style="text-align: center;">X</td></tr> <tr><td>C. Mass Notifications in Progress</td><td></td></tr> <tr><td>D. Mass Notifications Completed</td><td></td></tr> <tr><td>E. No Evacuation(s) Imminent</td><td></td></tr> <tr><td>F. Planning for Evacuation</td><td></td></tr> <tr><td>G. Planning for Shelter-in-Place</td><td></td></tr> <tr><td>H. Evacuation(s) in Progress</td><td></td></tr> <tr><td>I. Shelter-in-Place in Progress</td><td></td></tr> <tr><td>J. Repopulation in Progress</td><td style="text-align: center;">X</td></tr> <tr><td>K. Mass Immunization in Progress</td><td></td></tr> <tr><td>L. Mass Immunization Complete</td><td></td></tr> <tr><td>M. Quarantine in Progress</td><td></td></tr> <tr><td>N. Area Restriction in Effect</td><td></td></tr> <tr><td>O. Road Closure</td><td style="text-align: center;">X</td></tr> <tr><td>P. Trail Closure</td><td style="text-align: center;">X</td></tr> <tr><td>Q. Area Closure</td><td style="text-align: center;">X</td></tr> </tbody> </table>		Active?	A. No Likely Threat		B. Potential Future Threat	X	C. Mass Notifications in Progress		D. Mass Notifications Completed		E. No Evacuation(s) Imminent		F. Planning for Evacuation		G. Planning for Shelter-in-Place		H. Evacuation(s) in Progress		I. Shelter-in-Place in Progress		J. Repopulation in Progress	X	K. Mass Immunization in Progress		L. Mass Immunization Complete		M. Quarantine in Progress		N. Area Restriction in Effect		O. Road Closure	X	P. Trail Closure	X	Q. Area Closure	X
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<p>35. Weather Concerns (synopsis of current and predicted weather; discuss related factors that may cause concern): Dry conditions were observed today Rh values near 10%. Temperatures remained above normal with highs ranging from 90 in the canyons and lower slopes to around 75 degrees for elevations near 7,000 feet. This was 5 to 10 degrees above normal.</p> <p>Winds remained light and terrain driven with speeds of 5 to 15 mph. Transport winds were also weak which favored high concentrations of smoke and restricted visibility. Concerns remain focused on the persistent dry conditions, lack of rainfall, and low humidity. This dryness is compounded by the above normal temperatures.</p> <p>Over the next 3 days, temperatures are expected to trend lower as the High pressure system responsible for heat weakens. In spite of the cooling it is expected to remain dry.</p> <p>A more significant change in the weather pattern is expected between Oct 9th and the 10th with the passage of a cold front. As these transitions take place, higher wind speeds are expected along with the opportunity for showers.</p>																																					

<p>36. Projected Incident Activity, Potential, Movement, Escalation, or Spread and influencing factors during the next operational period and in 12-, 24-, 48-, and 72-hour time frames:</p> <p>12 hours: The smoke inversion over the fire continues to moderate fire behavior.</p> <p>24 hours: There is continued potential for fire growth in the north, including the potential to threaten the communities of Three Rivers and the structures in the South Fork drainage.</p> <p>48 hours: Same as 24 hour.</p> <p>72 hours: Same as 24 hour.</p> <p>Anticipated after 72 hours: Continuation of suppression repair and indirect containment line construction in Division T/U.</p>
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<p>37. Strategic Objectives (define planned end-state for incident): Strategic Framework</p> <p>Implement a full suppression strategy on the Castle and Shotgun Fires. Values at risk include human safety, private property and residences, infrastructure, utilities, developed sites, facilities, Giant Sequoia groves and archaeological and cultural sites. Apply tactics that offer the highest probability of success.</p>
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Control Objectives

To prevent the fires from spreading to private property, surrounding communities, and values at risk, keep the fire:

-North of Durrwood Camp and the Tule River Reservation to protect communities and infrastructure along the Kern River and within the Reservation.

-West of Toowa Range to Kingfisher Ridge to 22S05 Road to protect recreational and administrative infrastructure.

-South of Mineral King Road to Lost Canyon to Whitney Meadow to limit fire growth to the north.

-East of Springville to Blue Ridge to South Fork to protect communities west of the fire.

38. Current Incident Threat Summary and Risk Information in 12-, 24-, 48-, and 72-hour timeframes and beyond. Summarize primary incident threats to life, property, communities and community stability, residences, health care facilities, other critical infrastructure and key resources, commercial facilities, natural and environmental resources, cultural resources, and continuity of operations and/or business. Identify corresponding incident-related potential economic or cascading impacts:

12 hours: **Threat to structures in the South Fork drainage, including the Hockett Meadows Ranger Station. Wilderness values within the Sequoia National Park.**

24 hours: **Threat to structures in the South Fork drainage, critical infrastructure on Case Mountain. Several sequoia groves and wilderness values within the Sequoia National Park.**

48 hours: **Same as 24 hour threats.**

72 hours: **Same as 24 hour threats.**

Anticipated after 72 hours: **Same as 24 hour threats.**

39. Critical Resource Needs in 12-, 24-, 48-, and 72-hour timeframes and beyond to meet critical incident objectives. List resource category, kind, and/or type, and amount needed, in priority order:

- 1 medical support trailer**
- 1 ABRO**
- 2 UASP's, carded for aerial ignition**
- 1 Type 1 Crew**
- 1 Type 2 Crew**
- 2 Strike Team's of Type 3 Engines**
- 6 Water Tenders**

12 hours:

24 hours: **Same as 12 hour.**

48 hours: **Same as 12 hour.**

72 hours: **Same as 12 hour.**

Anticipated after 72 hours: **Same as 12 hour.**

40. Strategic Discussion: Explain the relation of overall strategy, constraints, and current available information to:

- 1) critical resource needs identified above,
- 2) the Incident Action Plan and management objectives and targets,
- 3) anticipated results.

Explain major problems and concerns such as operational challenges, incident management problems, and social, political,

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economic, or environmental concerns or impacts.
The fire behavior on the east, south and west sides are expected to be minimal. The uncontained fire's edge to the north continues to burn actively.

Heavy vegetation and steep terrain make it difficult to access the fires edge and contain. Management Action Points and responses to the MAPs have been developed.

Objective concerns are high due the remoteness of fire, proximity to the Giant Sequoia groves, steep terrain, threats to structures, and other areas popular with tourism.

41. Planned Actions for Next Operational Period:
Identify containment opportunities in the northwest corner of the fire.

Continue repopulation and suppression repair efforts.

42. Projected Final Incident Size/Area (use unit label – e.g., "Acres", "Square Miles"): **200,000**

43. Anticipated Incident Containment or Completion Date: **11/01/2020**

44. Projected Significant Resource Demobilization Start Date: **10/29/2020**

45. Estimated Incident Costs to Date: **\$84,640,124.00**

46. Projected Final Incident Cost Estimate: **\$100,000,000.00**

47. Remarks (or continuation of any blocks above – list block number in notation):
Block #9 Cause of both fires was determined to be lightning strike.

Block #42 Projected Final Size and #43 Anticipated Containment Date are dependent on resource availability of which we are currently limited with several unstaffed divisions and due to fire burning in wilderness with limited access in difficult terrain. Critical needs for resources continue and if received a sooner containment date and projected final size could be estimated. Estimate for Block #42 is in acres.

Incident Name	Suppression Strategy	Area	Area Measure	% Ctn/Comp	% Ctn/Comp Measure	Est. Cost to Date	Est. Comp Date	Perimeter
CASTLE	Full Suppression	160,067	Acres	65	Percent	84,640,124	11/01/2020	
SHOTGUN	Full Suppression	841	Acres	100	Percent		10/04/2020	

49. Resources (summarize resources by category, kind, and/or type; show # of resources on top ½ of box, show # of personnel associated with resource on bottom ½ of box):

48. Agency or Org		CR1	CR2	CR2IA	CRC	HEL1	HEL2	HEL3	ENG3	ENG4	ENG5	ENG6	DOZR	WTDT	WTDS	MAST	SKID	50. Ovhd	51. Tot Pers
		Rsrc	Pers	Rsrc	Pers	Rsrc	Pers	Rsrc	Pers	Rsrc	Pers	Rsrc	Pers	Rsrc	Pers	Rsrc	Pers		
BIA	Rsrc	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0		
	Pers	0	0	0	0	0	0	0	0	0	0	4	2	4	0	0	0	3	13
BLM	Rsrc	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0		
	Pers	0	0	18	0	0	0	0	0	0	0	6	0	0	0	0	0	14	38
C&L	Rsrc	0	0	0	0	0	0	0	0	0	0	11	0	1	0	0	0		
	Pers	0	0	0	0	0	0	0	0	0	0	25	0	2	0	0	0	31	58
CA	Rsrc	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0		
	Pers	0	0	0	44	0	0	0	0	0	0	0	0	0	0	0	0	3	47
CA-CDF	Rsrc	2	2	0	0	0	0	0	8	0	0	0	0	0	0	0	0		
	Pers	34	32	0	0	0	0	0	28	0	0	0	0	0	0	0	0	15	109
FS	Rsrc	3	2	1	1	0	0	0	5	0	0	0	0	1	0	0	0		

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FS	Pers	62	42	22	10	0	0	0	24	0	0	0	0	2	0	0	0	86	248
FWS	Rsrc	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	1	6
MEX	Rsrc	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Pers	0	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	98
NPS	Rsrc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12
NWS	Rsrc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
OES	Rsrc	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0		
	Pers	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	4	6
PRI	Rsrc	0	1	0	0	4	2	2	2	3	2	12	7	0	12	2	4		
	Pers	0	20	0	0	11	36	17	6	9	6	35	11	0	11	2	6	13	183
ST	Rsrc	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	19	34
52. Total Resources		5	10	2	6	4	2	2	19	3	2	27	8	5	12	2	4		853

53. Additional Cooperating and Assisting Organizations Not Listed Above:

In unified command with the following agencies: CAL FIRE and the cooperating Federal agencies.

Inyo National Forest, Sequoia National Forest, Sequoia National Park, Kings Canyon National Park, Bureau of Land Management, Bureau of Indian Affairs, Southern California Edison, Tule River Indian Tribe, Tulare County Fire, Tulare County Sheriff, Tulare County OES, Tulare County Roads, California Highway Patrol, California Department of Corrections and Rehabilitation, California Conservation Corps, California Office of Emergency Services, AT&T, Verizon, California Department of Transportation, California Air National Guard, and California National Guard. CONAFOR, Mexico.