

## Incident Status Summary (ICS-209)

Incident: **SQF COMPLEX**

1. Incident Name: <b>SQF COMPLEX</b>		2. Incident Number: <b>CA-SQF-002622</b>									
3. Report Version (check one box): Initial <input checked="" type="checkbox"/> Update Final	4. Incident Commander(s) & Agency or Organization: <b>Mike Minton, CIIMT 2 CalFire Tulare Unit</b>	5. Incident Management Organization: <b>Type 1 Team</b>  <input checked="" type="checkbox"/> Unified Command	6. Incident Start Date/Time: Date: <b>08/24/2020</b> Time: <b>1125 PDT</b>								
7. Current Incident Size or Area Involved (use unit label – e.g., "Acres", "Square Miles"): <b>153226 Acres</b>	8a. Percent (%) Contained or Completed: <b>61 %</b>  b. Total Percentage (%) of Perimeter that will be Contained or Completed: <b>100 %</b>	9. Incident Type: <b>Complex</b> B. Incident Description: <b>Wildfire</b> C. Cause: <b>Unknown</b> 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><b>Monitor</b></td> <td></td> </tr> <tr> <td><b>Confine</b></td> <td></td> </tr> <tr> <td><b>Point Zone Protection</b></td> <td></td> </tr> <tr> <td><b>Full Suppression</b></td> <td style="text-align: center;"><b>100</b></td> </tr> </tbody> </table>		Strategy	Percent (%)	<b>Monitor</b>		<b>Confine</b>		<b>Point Zone Protection</b>	
Strategy	Percent (%)										
<b>Monitor</b>											
<b>Confine</b>											
<b>Point Zone Protection</b>											
<b>Full Suppression</b>	<b>100</b>										
		10. Incident Complexity Level: Single <input checked="" type="checkbox"/> Complex	11. Report Time Period: From Date/Time: <b>10/01/2020 1754 PDT</b> To Date/Time: <b>10/01/2020 1755 PDT</b>								
12. Prepared By: Print Name: <b>John Mosley</b>  Date/Time Prepared: <b>10/01/2020 1745 PDT</b>		13. Approved By: Print Name: <b>Mike Minton</b>  Signature: _____									
14. Date/Time Submitted: <b>10/01/2020 1756 PDT</b>		15. Primary Location, Organization, or Agency Sent To: <b>CA-OSCC</b>									
16. State: <b>CA</b>	17. County / Parish / Borough: <b>Tulare</b>	18. City:									
19. Unit or Other:	20. Incident Jurisdiction: <b>CA-SQF</b>	21. Incident Location Ownership (if different than jurisdiction): <b>CA-SQF</b>									
22. Latitude/Longitude: Latitude: <b>36° 15' 18"</b> Longitude: <b>118° 29' 48"</b>		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): <b>25 miles north of Kernville, CA</b>			26. UTM Coordinates: Zone:    Easting: Northing:								
27. Note any geospatial data available (indicate data format, content, and collection time information and labels): <b>All geospatial data and products are uploaded to FTP site.</b>  <b><a href="https://ftp.nifc.gov/public/incident_specific_data/calif_s/!2020_Incidents/CA-SQF-002622_SQF%20COMPLEX/GIS/Products/">https://ftp.nifc.gov/public/incident_specific_data/calif_s/!2020_Incidents/CA-SQF-002622_SQF%20COMPLEX/GIS/Products/</a></b>											
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): <b>Active</b>											

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**Group Torching Spotting**

Narrative:  
**Branch I: Smoldering, creeping, interior islands continue burn out. Two Giant Sequoias have fire in the tops and continue to drop burning embers around structures.**

**Branch II: Interior islands actively burning and continue to threaten established containment lines.**

**Branch III: Fire stronger than forecasted east winds and actively backing into and spotted across Garfield Creek. North side active backing with multiple group tree torching. Spotting distances 300 to 400 feet.**

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 59 destroyed.**

**Mandatory Evacuations Locations:**

- Alpine Village**
- Cedar Slope**
- Doyle Springs**
- Ponderosa**
- Pyles Boys Camp**
- Redwood Drive**
- Sequoia Crest**
- East of Sequoia National Forest Boundary, from the intersection of Hwy 190 and Balch Park, Bear Creek Road and**
- Rancheria Fire Road**
- Upper Tule River Corridor: Camp Nelson, Pierpoint, Coy Flat, Mountain Aire, and points between**

**Voluntary Evacuation Warning:**

A. Structural Summary	B. # Threatened (up to 72 hrs)	C. # Damaged	D. # Destroyed
E. Single Residences	0	0	0
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	0	0

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<p><b>-Silver City</b>  <b>-Mineral King</b>  <b>-Remainder of South Fork Drive</b>  <b>-Residents on Blue Ridge Drive</b></p> <p><b>AREA CLOSURES:</b></p> <p><b>Sequoia &amp; Kings Canyon National Parks Reopen-          Mineral King/Wilderness Closures Remain in Effect</b>  <b>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.</b></p> <p><b>Sequoia National Forest and Inyo National Forest</b></p> <p><b>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.</b></p> <p><b>ROAD CLOSURES</b>  <b>(<a href="https://tularecounty.ca.gov/emergencies/">https://tularecounty.ca.gov/emergencies/</a>):</b></p> <p><b>-Mineral King at Oak Grove Dr.</b>  <b>-Mountain 50 &amp; 107</b>  <b>-Mountain 99 &amp; Sherman Pass</b>  <b>-Sequoia National Forest/Park Closure</b>  <b>-Sherman Pass &amp; Cherry</b>  <b>-Highway 198 to the Giant Forest</b>  <b>-South Fork Dr./Conley Bridge</b>  <b>-Highway 190 at Balch Park</b></p>	
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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	15	0	15
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	4,090	0	4,090	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

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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
M. In Quarantine	0		0	M. In Quarantine	0		0
<b>N. Total # Civilians (Public) Affected:</b>	<b>4,090</b>	<b>0</b>	<b>4,090</b>	<b>N. Total # Responders Affected:</b>	<b>15</b>	<b>0</b>	<b>15</b>

<p>33. Life, Safety, and Health Status/Threat Remarks:  <b>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, &amp; 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.</b></p> <p>35. Weather Concerns (synopsis of current and predicted weather; discuss related factors that may cause concern):  <b>Unseasonably warm weather persists with temperatures 10 degrees above the seasonal norm. High temperatures today ranged from the lower 90s along the lower slopes between 3000 to 4000 feet MSL, to around 80 degrees for elevations near 8,000 feet. Humidity minimums today were some of the driest we have seen in over a week with minimums in the single digits. Instability also increased today with a Haines of 5. With high pressure overhead, winds were generally light, terrain driven with average speeds under 10 mph. Concerns remain focused on the persistent dry conditions, lack of rainfall, and low humidity. Friday, Oct 2nd, will be day 120 (4 months) since a wetting rain (tenth of an inch or more) has fallen at any of the local weather stations. This dryness is compounded by the above normal temperatures. Over the coming weeks, the pattern appears that it will begin to shift with temperatures trending back closer to normal. As this transition takes place, higher wind speeds can be expected, with meager prospects of meaningful moisture.</b></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></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		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>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: <b>Almost all threats from fire have been abated. Threats from secondary fire effects such as hazard trees and soil erosion remain across the entire fire.</b></p> <p>24 hours: <b>Same as 12 hour.</b></p> <p>48 hours: <b>Same as 12 hour.</b></p> <p>72 hours: <b>Same as 12 hour.</b></p> <p style="text-align: center;"><b>Continued secondary threats, however, hazard tree removal efforts to expedite</b></p> <p>Anticipated after 72 hours: <b>repopulation will reduce a significant number of hazard trees adjacent to values at risk.</b></p>
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<p>37. Strategic Objectives (define planned end-state for incident):</p> <p><b>Strategic Framework</b></p> <p><b>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</b></p>
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**groves and archaeological and cultural sites. Apply tactics that offer the highest probability of success.**

### **Leaders Intent**

**Provide the highest level of customer service to all involved with, or impacted by, the Castle and Shotgun Fires. Ensure transparent, timely and accurate communication at all levels of the incident. All incident assigned personnel should be prepared to take the appropriate actions regarding:**

- **Professional behavior, conduct and timely/effective communications.**
- **Personal safety and the safety of others, includes driving slowly, safely and defensively.**
- **Fatigue management by taking breaks and maintaining work/rest cycles.**
- **Minimize risk and limit exposure to COVID-19 by daily screening, minimizing large group settings, social distancing, wearing face coverings, hand washing and practicing module of one concept.**
- **Effective management of incident costs by planning strategies and tactics toward a high probability of success in meeting incident objectives.**

### **Management Objectives**

- **Provide for firefighter and public safety through hazard recognition and application of the risk management process.**
- **Reduce the threat to private property, residences and infrastructure through the application of effective suppression tactics.**
- **Reduce the impacts to Wilderness values by ensuring minimum impact suppression tactics (MIST) are applied.**

**Utilize historic fire control lines, trails, streams, ridges and natural barriers when possible for control lines.**

- **Coordinate suppression activities with assigned incident resource advisors to minimize adverse effects to natural and cultural resources, on riparian areas, watersheds, Spotted Owl and Goshawk PACs, Fisher, Little Kern Golden Trout, Mountain Yellow Legged Frog, and Sierra Nevada Bighorn Sheep Habitats.**
- **Mop up as safety allows to reduce the threat of fire spread outside of containment lines.**
- **Conduct suppression repair activities to prevent long term damage to resources.**
- **Utilize suppression resources in the removal of fuel hazards in support of community repopulation.**

### **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 Hwy 198 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: **Wilderness values within the Sequoia National Park.**

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

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48 hours: <b>Same as 12 hour threats.</b>
72 hours: <b>Same as 12 hour threats.</b>
Anticipated after 72 hours: <b>Same as 12 hour threats.</b>
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: <b>1 Type 1 Fuel Tender</b> <b>2 BCMG</b> <b>2 ORDM</b> <b>4 SOF2</b> <b>3 Excavators</b>
12 hours:
24 hours: <b>Same as 12 hour.</b>
48 hours: <b>Same as 12 hour.</b>
72 hours: <b>Same as 12 hour.</b>
Anticipated after 72 hours: <b>Same as 12 hour.</b>
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, economic, or environmental concerns or impacts. <b>The fire behavior on the east, south and west sides are expected to be minimal. The uncontained fires edge to the North continues to burn actively. Heavy vegetation and steep terrain create a high resistance to control and make it difficult to access the fires edge. Management Action Points and responses to the MAPs are being developed. Objective concerns are high due the remoteness of fire, proximity to the Giant Sequoia groves, steep terrain, and other areas popular with tourism.</b>
41. Planned Actions for Next Operational Period: <b>Branch I and II - Resources will continue to monitor, and hold completed lines. Watch for and quickly attack any spot fires on the east side of the Kern River Canyon. We will be completing some suppression repair and mitigating hazards affected repopulation.</b>  <b>Branch III</b>  <b>Develop Management Action Points and seek opportunities to contain the fire.</b>
42. Projected Final Incident Size/Area (use unit label – e.g., "Acres", "Square Miles"): <b>160,000</b>
43. Anticipated Incident Containment or Completion Date: <b>10/10/2020</b>
44. Projected Significant Resource Demobilization Start Date: <b>10/07/2020</b>
45. Estimated Incident Costs to Date: <b>\$74,681,233.00</b>

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46. Projected Final Incident Cost Estimate: **\$80,000,000.00**

47. Remarks (or continuation of any blocks above – list block number in notation):

**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 due to fire requiring a shift in tactics from building containment line to point protection. Critical needs for resources continue and if received a sooner containment date and projected final size could be estimated.**

Incident Name	Suppression Strategy	Area	Area Measure	% Ctn/Comp	% Ctn/Comp Measure	Est. Cost to Date	Est. Comp Date	Perimeter
<b>CASTLE</b>	<b>Full Suppression</b>	<b>152,385</b>	<b>Acres</b>	<b>61</b>	<b>Percent</b>	<b>74,681,233</b>	<b>10/10/2020</b>	
<b>SHOTGUN</b>	<b>Full Suppression</b>	<b>841</b>	<b>Acres</b>	<b>0</b>	<b>Percent</b>	<b>0</b>	<b>10/10/2020</b>	

49. Resources (summarize resources by category, kind, and/or type; show # of resources on top 1/2 of box, show # of personnel associated with resource on bottom 1/2 of box):

48. Agency or Org		CR1	CR2	CRC	HEL1	HEL2	HEL3	ENG3	ENG4	ENG5	ENG6	DOZR	WTDT	WTDS	MAST	SKID	50. Ovhd	51. Tot Pers
		<b>BIA</b>	Rsrc	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	4	2	4	0	0	0	5	15
<b>BLM</b>	Rsrc	0	0	0	0	0	0	1	0	0	3	0	0	0	0	0		
	Pers	0	0	0	0	0	0	6	0	0	7	0	0	0	0	0	20	33
<b>C&amp;L</b>	Rsrc	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	25	0	2	0	0	0	41	68
<b>CA</b>	Rsrc	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0		
	Pers	0	0	45	0	0	0	0	0	0	0	0	0	0	0	0	4	49
<b>FS</b>	Rsrc	7	2	1	0	0	0	8	0	0	2	0	2	0	0	0		
	Pers	141	42	10	0	0	0	33	0	0	9	0	4	0	0	0	151	390
<b>FWS</b>	Rsrc	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	1	10
<b>MEX</b>	Rsrc	0	5	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	98
<b>NPS</b>	Rsrc	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	3	0	0	0	0	0	25	28
<b>NWS</b>	Rsrc	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	1	1
<b>OES</b>	Rsrc	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0		
	Pers	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	9	15
<b>PRI</b>	Rsrc	0	2	0	4	2	2	5	4	2	15	8	1	13	1	4		
	Pers	0	40	0	11	36	17	12	9	6	44	10	2	16	1	6	16	226
<b>ST</b>	Rsrc	0	0	0	0	0	0	6	0	0	1	0	1	0	0	0		
	Pers	0	0	0	0	0	0	20	0	0	3	0	2	0	0	0	18	43
<b>52. Total Resources</b>		7	9	4	4	2	2	20	4	2	36	9	10	13	1	4		976

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53. Additional Cooperating and Assisting Organizations Not Listed Above:

**In unified command with the following agencies: CalFire 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.**