

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: Brian Pisarek, Eastern Area IMT	5. Incident Management Organization: Type 2 Team	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"): 170384 Acres	8a. Percent (%) Contained or Completed: 80 %	9. Incident Type: Complex B. Incident Description: Wildfire C. Cause: D. Fire Suppression Strategy:	10. Incident Complexity Level: Single <input checked="" type="checkbox"/> Complex
	b. Total Percentage (%) of Perimeter that will be Contained or Completed: 100 %		
12. Prepared By: Print Name: Nicole Selmer Date/Time Prepared: 11/01/2020 1700 PST		13. Approved By: Print Name: Brian Pisarek Signature: _____	
14. Date/Time Submitted:		15. Primary Location, Organization, or Agency Sent To: CA-SQF	
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			

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**Flanking
Backing
Group Torching**

Narrative:
D/I/N/L/T/Y/Z: Isolate heat confined to heavy fuels and stump holes will continue to smolder and burn out.
Divisions U and E: Active flanking, backing, and short range spotting with single and group tree torching. Spotting distances of 300-600 feet and the POI will be 60% at all elevations of the fire.

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

**Timber (Litter and Understory)
Brush (2 feet)
Short Grass (1 foot)**

Narrative:
Fire is burning actively in mid and upper elevation timber with a moderate load of dead and downed limb and bole wood. Ladder fuels are present and crown structure is supporting tree torching. Extremely dry fuel moistures are supporting spot fire development.

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.

**EVACUATION ORDERS-Communities and Areas under an Evacuation Order:
-NONE**

**EVACUATION WARNING-Communities and Areas open to Residents ONLY:
-NONE**

AREA CLOSURES:
Sequoia National Park- OPEN. Exception: Mineral King area and some wilderness lands, which will remain closed due to wildfire concerns, and facilities that are closed due to the pandemic.
Sequoia National Forest- Western Divide (M107) CLOSED, while the Hume Lake and Kern River Ranger Districts remain OPEN.
Inyo National Forest- OPEN. Exception: All Wilderness Areas in the Sierra Nevada and Monache

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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ROAD CLOSURE and/or TEMPORARY CONTROL POINTS (https://tularecounty.ca.gov/emergencies/): -Mountain Home Demonstration State Forest -Balch Park Campground	
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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	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
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>-Non-reportable illnesses: 16 Poison Oak related; 3 Positive Covid Tests</p>	<p>34. Life, Safety, and Health Threat Management:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 20%;">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></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> </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		K. Mass Immunization in Progress		L. Mass Immunization Complete		M. Quarantine in Progress	
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<p>35. Weather Concerns (synopsis of current and predicted weather; discuss related factors that may cause concern): A prolonged break in high clouds today allowed for good surface heating to combine with increasing instability. This produced better column development than has been seen over the last several days, if not, two weeks. Temperatures remained warmer to start the day under the overnight high clouds but remained similar to or slightly</p>																													

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<p>cooler than yesterday. Humidity rebounded from yesterday but still hovered in the lower teens for most of the day. Winds continued to primarily be terrain driven and slightly enhanced where the sun hit the ground early today. Peak gusts were 16-20 mph.</p> <p>A weak upper level low center will move overhead by late Monday afternoon. This will bring our peak instability shortly after the peak heating with the mixing and column development potential to be at its strongest Monday afternoon. Clouds will remain the wildcard and clear skies for a couple hours will enhance the potential similar to yesterday. Tuesday through Thursday has the dominant upper ridge slowly weakening. Friday will bring a modest cold front across the region. Timing, strength, and potential rain amounts are fairly uncertain at this point. Currently expect the front to cross sometime around mid-day with southwest wind gusts 25-30 mph, humidity 25-40 percent, and a roughly 20% chance of wetting rain (0.10ĉ).</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 20%; text-align: center;">Active?</th> </tr> </thead> <tbody> <tr> <td>N. Area Restriction in Effect</td> <td style="text-align: center;"></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?	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>Active fire mostly confined to the northwest corner of the fire in Division U around Hockett Meadow and Sand Meadow.</p>
12 hours:	<p>Area around Maggie Dip in the center portion of the north edge has shown increased activity. The Northeast corner of the fire on the west side of the Kern River remains active in fuel concentrations on the mid slope of the drainage.</p>
24 hours:	<p>Active surface fire on the northwest and northeast corners of the fire due to low RH and extremely dry surface fuels. Weather has returned to seasonal normal.</p>
48 hours:	<p>Fire activity will continue to be focused on the northwest and northeast corners of the fire mainly confined to dry surface litter and heavy fuel concentrations.</p>
72 hours:	<p>Warm and dry trend continues. Fire activity will continue to be focused on the northwest and northeast corners of the fire mainly confined to dry surface litter and heavy fuel concentrations.</p>
<p>Anticipated after 72 hours: Warming and drying trend returns</p>	

<p>37. Strategic Objectives (define planned end-state for incident):</p> <p>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> <p>Control Objectives</p> <p>To prevent the fires from spreading to private property, surrounding communities, and values at risk, keep the fire:</p> <ul style="list-style-type: none"> -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.

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-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: Hockett Meadows Ranger Station, Peck's Cabin, Kern Cabin, Ming Cabin, and Quinn Patrol Cabin. Wilderness values within the Sequoia National Park.**

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

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

72 hours: **The communities of Silver City, Mineral King, and Three Rivers East.**

Anticipated after 72 hours: **Same as 72 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:

- 2 HEQB**
- 1 HLCO**
- 1 HMGB**
- 2 Excavators**
- 1 FELB**
- 1 Dozer**
- 1 Type 2 IA Hand Crews**
- 1 ATGS**

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, 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 and northeast continues to burn. Continue to confine/ contain on the southern edge of the park.

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Heavy vegetation, snags, 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:

Point protection for critical values at risk continue to be evaluated in Div U/E

Continue to identify containment opportunities in the north and northeast corners of the fire.

Continue direct attack and suppression repair.

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

43. Anticipated Incident Containment or Completion Date: **11/20/2020**

44. Projected Significant Resource Demobilization Start Date: **11/02/2020**

45. Estimated Incident Costs to Date: **\$111,337,509.00**

46. Projected Final Incident Cost Estimate: **\$144,000,000.00**

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

Incident Name	Suppression Strategy	Area	Area Measure	% Ctn/Comp	% Ctn/Comp Measure	Est. Cost to Date	Est. Comp Date	Perimeter
CASTLE	Full Suppression	169,543	Acres	80	Percent	111,337,509	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 1/2 of box, show # of personnel associated with resource on bottom 1/2 of box):

48. Agency or Org		CR2	CR2IA	CRC	HEL1	HEL2	HEL3	ENG6	DOZR	WTDS	MAST	50. Ovhd	51. Tot Pers
BIA	Rsrc	0	0	0	0	0	0	1	0	0	0		
	Pers	0	0	0	0	0	0	4	0	0	0	1	5
BLM	Rsrc	0	0	0	0	0	0	1	0	0	0		
	Pers	0	0	0	0	0	0	5	0	0	0	5	10
C&L	Rsrc	0	0	0	0	0	0	1	0	0	0		
	Pers	0	0	0	0	0	0	2	0	0	0	4	6
CA	Rsrc	0	0	1	0	0	0	0	0	0	0		
	Pers	0	0	12	0	0	0	0	0	0	0	19	31
FS	Rsrc	1	1	1	0	0	0	0	0	0	0		
	Pers	21	19	10	0	0	0	0	0	0	0	40	90
FWS	Rsrc	0	0	0	0	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	0	0	0	4	4
NPS	Rsrc	0	0	0	0	0	0	0	0	0	0		

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NPS	Pers	0	0	0	0	0	0	0	0	0	0	13	13
	Rsrc	0	0	0	0	0	0	0	0	0	0		
NWS	Pers	0	0	0	0	0	0	0	0	0	0	1	1
	Rsrc	0	0	0	0	0	0	0	0	0	0		
OES	Pers	0	0	0	0	0	0	0	0	0	0	0	0
	Rsrc	2	0	0	4	2	1	0	2	4	4		
PRI	Pers	40	0	0	20	24	5	0	5	4	1	4	103
	Rsrc	0	0	0	0	0	0	0	0	0	0		
ST	Pers	0	0	0	0	0	0	0	0	0	0	26	26
	Rsrc	0	0	0	0	0	0	0	0	0	0		
52. Total Resources		3	1	2	4	2	1	3	2	4	4		289

53. Additional Cooperating and Assisting Organizations Not Listed Above:

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.