#### Incident: SQF COMPLEX

1. Incident Name:	F COMPLEX		2. Incident	t Numb	er: CA-SOF-0	02622	
3. Report Version (check one box): Initial X Update Final	<ul> <li>4. Incident ( Organization Michae</li> </ul>	Commander(s) & A n: el Wakoski, CIIN ada, CAL FIRE Tu	4T 13	Organ	ident Manageme ization: <b>Type 2 Team</b> nified Command	nt	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>167625 Acres</b>	(%) Contained or Completed: <b>70 %</b> b. Total Percentage (%) of		<b>]γ:</b> nt (%)	10. Incident Complexity Level: Single X Complex	From [ <b>10/13</b> To Dat	port Time Period: Date/Time: 3/2020 1800 PDT te/Time: 1/2020 0530 PDT	
	Perimeter that will be Contained or Completed: <b>100 %</b>	Monitor Confine Point Zone Protection Full Suppression					
12. Prepared By: Print Name: <b>Bryan Ver</b> Date/Time Prepared: <b>1(</b> <b>PDT</b>	-		e: <u>Michae</u>	l Wak	oski		
14. Date/Time Submitte 10/14/2020 0536 P		15. Primary Loca CA-OSCC	tion, Orgar	nization	n, or Agency Sen	t To:	
16. State: <b>CA</b>	17. County / P <b>Tulare</b>	arish / Borough:					18. City:
19. Unit or Other: 20.	Incident Jurisd	iction: 21. Incid CA-SQF		on Owi	nership (if differe	ent than	i jurisdiction):
22. Latitude/Longitude: Latitude: <b>36º 15' 18</b> ' Longitude: <b>118º 29'</b>	48"	3. US National Gri Grid Zone: x-Coordinate: y-Coordinate:	d Referenc	e:	24. Legal Principal Townshi 1/4 Sec:	Meridia p: F	an: Range: Section:
25. Short Location or Ar <b>25 miles north of Ker</b>	•	(list all affected ar	eas or a re	ference	e point):	Zo	UTM Coordinates: one: Easting: orthing:
27. Note any geospatial All geospatial data ar https://ftp.nifc.gov/	nd products ai	re uploaded to F	TP site.	·			,

%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):

Incident: **SQF COMPLEX** 

Active Flanking Backing Spotting

Narrative:

Division I: Active flanking, backing and short range spotting. Torching head fire, short slope driven runs when in alignment north of coyote creek.

Divisions T: Smoldering, creeping, interior islands burning out.

Divisions D, Y, Z, N, L: Smoldering, creeping, interior islands continue to burn.

Divisions U and E: Active flanking, backing, and short range spotting.

Fixed and rotary wing aircraft were effective in slowing the spread at Homers Nose. With the dry fuels, forward fire progression will continue to the north and east but will be mainly be backing and flanking. Spotting distances of 300-600 feet and the POI will increase into the 80% range unshaded. Single group tree torching will likely occur.

Expect the fire to remain active in thermal belts or until the RH recovers above 25-30%. In Divisions D and T, expect the RH to drop after midnight and fire behavior to increase in the interior and on the northern flank.

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):	A. Structural Summary	B. # Threatened (up to 72 hrs)	C. # Damaged	D. # Destroyed
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:         -Alpine Village	10	173		
	F. Multiple Residences	0	0	0
and 173 Destroyed, 2 Other minor structures	G. Mixed Commercial /	0	0	0
		0	0	0
	I. Other Minor Structures	0	2	55
		•	•	
-Alpine Village -Redwood Drive				

-Sequoia Crest	
-Mountain Home Decoration State Forest	
-Balch Park Campground	
-South Fork Drive, east from M319 to Devils	
Canyon	
EVACUATION WARNING-Communities and Areas	
open to Residents ONLY:	
-Camp Nelson	
-Pier Point	
-Ponderosa	
-Mountain Aire	
-Rodgers Camp	
-Coy Flat	
-Doyle Springs	
-Cedar Slope	
-Pyles Boys Camp	
-East of the Sequoia National Forest Boundary,	
North of Hwy 190, South of, and including, Blue	
Ridge Drive.	
-Balch Park Road from Battle Mountain	
Monument to the entrance to Mountain Home	
Demonstration State Forest.	
-Bear Creek Road from the Racheria Fire Control	
Road to the entrance of Mountain Home	
Demonstration State Forest.	
-South Fork Drive past Conley Bridge to M319	
-Silver City	
-Mineral King	
AREA CLOSURES:	
Sequoia National Park reopened on Thursday,	
October 1 as the evacuation warning related to	
the SQF Complex has been lifted for most of	
Three Rivers, CA. This reopening includes the	
Generals Highway from the Ash Mountain	
entrance station into Sequoia National Park to	
Highway 180 in Kings Canyon, and national park	
areas and trails along this route, including the	
Giant Forest. Exceptions are the 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.	
Invo National Forest- OPEN Excention: All	
Inyo National Forest- OPEN. Exception: All Wilderness Areas in the Sierra Nevada and	
Monache	

ROAD CLOSURE and/or TEMPORARY CONTROL POINTS	
(https://tularecounty.ca.gov/emergencies/): -Balch Park Road at the entrance to Mountain	
Home Demonstration State Forest	
-Bear Creek Road at the entrance to Mountain Home Demonstration State Forest	
-Highway 190 at Rio Vista Drive	
-Redwood Drive at Highway 190	
-South Fork Drive at M319	
-M107 at Fox Road	

31. Public Status Summary:				32. Responder Status Summary:			
C. Indicate the Number of Civil	l <u>ians</u> (Pub	olic) Below.	;	C. Indicate the Number of <u>Res</u>	ponders E	Below:	
	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

Safety and health threats to suppression personnel includes long	34. Life, Safety, and Health Threat Management:					
travel routes of narrow mountain roads through rural, farming, and		Active?				
ranching communities with limited visibility due to smoky conditions. Congested roadways and heavy traffic in and around the	A. No Likely Threat					
incident. Drought, bug kill, & fire Weakened trees all have accident	B. Potential Future Threat					
potential. Steep, terrain will bring footing issues, access issues	C. Mass Notifications in Progress					
creates alignment and safety issues. The changing weather	D. Mass Notifications Completed					
conditions will affect the work zones.	E. No Evacuation(s) Imminent					
There is potential to threaten the communities of Three Rivers and	F. Planning for Evacuation					
the structures in the South Fork drainage.	G. Planning for Shelter-in-Place					
35. Weather Concerns (synopsis of current and predicted weather; discuss	H. Evacuation(s) in Progress					
related factors that may cause concern):	I. Shelter-in-Place in Progress					
Skies were clear over the fire with light drainage winds and areas of valley smoke. Overnight low temperatures were similar to yesterday	J. Repopulation in Progress					
overall across the fire area. Lows were generally in the 50s with a	K. Mass Immunization in Progress					

Incident: SQF COMPLEX

few lower 60s on the west side of the fire. Humidity recoveries were		Active?
poor across the eastern half of the fire and fair to poor over the	L. Mass Immunization Complete	
ridges over the western part of the fire. Fair to good recoveries occurred in the western valleys.	M. Quarantine in Progress	
occurred in the western valleys.	N. Area Restriction in Effect	
High pressure will continue to build overhead through the work	O. Road Closure	х
week with gradual warming and drying through Thursday and	P. Trail Closure	х
Friday. Winds through Friday should generally remain light over the	O. Area Closure	х
area. Stable conditions are expected to continue Wednesday limiting ventilation with slightly less stability Thursday and Friday for	-	<u>I</u>
somewhat better ventilation. A gradual cooling trend will begin		
Saturday and continue into next week. However, humidity levels will		
be slower to improve and rainfall is not expected for the next week.		
36. Projected Incident Activity, Potential, Movement, Escalation, or Spread and	influencing factors during the ne	ext
operational period and in 12-, 24-, 48-, and 72-hour time frames: The smoke inversion over the fire continues to moderate fire	bobovior in morning with	
12 hours: increasing fire behavior in the afternoon as the inversion broad		y also is
moderating fire behavior. There is continued potential for fire growth in the north, nor	thwest and northeast inclu	dina
24 hours: the potential to threaten the communities of Three Rivers and drainage.		
48 hours: Same as 24 hour.		
72 hours: Same as 24 hour. Anticipated after 72 hours: Division T/U.	ct containment line construc	tion in
37. Strategic Objectives (define planned end-state for incident):		
Strategic Framework		
Implement a full suppression strategy on the Castle and Shotgun Fire safety, private property and residences, infrastructure, utilities, devel		
groves and archaeological and cultural sites. Apply tactics that offer t		
Control Objectives		
To prevent the fires from spreading to private property, surrounding keep the fire:	communities, and values at r	<sup>.</sup> isk,
-North of Durrwood Camp and the Tule River Reservation to protect o	ommunities and infrastructu	ıre

-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.

along the Kern River and within the Reservation.

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:
Threat to structures in the South Fork drainage, including the Hockett Meadows Ranger
12 hours: Station, Peck's Cabin, Kern Cabin, Ming Cabin, and Buffalo Cabin. Wilderness values within the
Sequoia National Park.
24 hours:       Threat to structures in the South Fork drainage, critical infrastructure in the Case Mountain         24 hours:       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:
1 medical support trailer
1 ABRO
1 ASM or Air Attack Platform Type 1
1 HLCO
1 ASGS
1 FBAN
1 SITL
1 Type 1 Crew 1 TFLD
12 hours: 3 HEOB
5 11225
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, northwest and northeast continues to burn actively.
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.
With clearing air, crews were able to fly in and wrap several structures within the fire area.

Scouting of additional spike camps are underway in the southern and eastern areas of the fire to

facilitate f Implemer			-		Spik	e can	np to	decre	ease t	ravel	times	and ii	ncreas	e effic	iency.			
41. Planned Strategic a values at	aeria	l anc	l han	ıd igni	ition t	o sec	cure f	ire pe	erimet	er in I	Divisio	on T a	rea. P	oint p	rotect	ion fo	r criti	cal
Continue						••				orthw	vest ai	nd nor	theast	t corne	ers of	the fir	е.	
<b>Continue</b>	<u> </u>									croc"	^Sauar	o Miloc	<u>.″∖· 20</u>	0 000				
43. Anticipa													5). <b>20</b>	10,000				
										-		0						
45. Estimat											7202							
46. Projecte							•			)								
Block #9 Block #42 availabilit wildernes	Cause 2 Proj y of v s wit	e of l jecte whic h lim	both d Fir h we nited	fires hal Siz are c acces	was d e and urren s in d	eterr #43 tly lii ifficu	nined Antio mited ılt ter	to be cipate with rain.	e light ed Cor sever Critica	ning : ntainn al un: al nee	strike nent D staffe eds for	Date a d divis r resou	re dep sions a urces o	and du	e to fi ue anc	re bur I if rec	ning i eived	а
Incident Name CASTLE		Suppr Stra	tegy		Area <b>66,784</b>	Me	Area easure	Ctn	% /Comp		Measure		Da	te	Da	ite	Perime	ter
SHOTGUN		l Sup			41	Acro		10	D		-		50,011	2,010	-	-		
49. Resour	ces (s	summ	narize											s on to	op ½ of	f box, s	show #	t of
48. Agency or Org		CR1	CR2	CR2IA	CRC	HEL1	HEL2	HEL3	ENG3	ENG4	ENG6	DOZR	WTDT	WTDS	MAST	50. Ovhd	51. Tot Pers	
BIA	Rsrc	0	0	0	-	0	0	0	0	0	1	0	0	0	0			
	Pers	0	0	0	0	0	0	0	0							4	7	
BLM		-				0	0	0	0	Ö	1	O	0	0	0			
DEN	Rsrc	0	1	0	0			0	0	0	2	0	0	0	0	11	32	
	Pers	0	18	0	0	0	0	0	0	0	29/2020         Deer in notation):         ag strike.         nment Date are dependent on resource         unstaffed divisions and due to fire burning in         needs for resources continue and if received a         estimated. Estimate for Block #42 is in acres.         % Ctn/Comp Measure       Est. Cost to Date       Est. Comp Date       Perimeter         93,511,646       11/01/2020							
C&L								0 0 0	0 5 19	0	10	0	0	0	0			
C&L	Pers Rsrc	0	18 0	0	0	0	0	0	5	0	10 33	0	0	0	0			
	Pers Rsrc Pers	0 0 0	18 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0	5 19	0	10 33	0	0	0	0			

#### Incident: SQF COMPLEX

CA-CDF	Pers	34	0	32	0	0	0	0	28	0	0	0	1	0	0	24	119
50	Rsrc	3	0	1	0	0	0	0	10	0	0	1	2	0	0		
FS	Pers	60	0	18	0	0	0	0	48	0	0	2	4	0	0	75	207
MEY	Rsrc	0	5	0	0	0	0	0	0	0	0	0	0	0	0		
MEX	Pers	0	88	0	0	0	0	0	0	0	0	0	0	0	0	0	88
NDC	Rsrc	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
NPS	Pers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11
NIMC	Rsrc	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
NWS	Pers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
055	Rsrc	0	0	0	0	0	0	0	5	0	0	0	0	0	0		
OES	Pers	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0	18
DDT	Rsrc	0	4	0	0	6	2	2	3	1	5	7	9	8	1		
PRI	Pers	0	80	0	0	15	36	17	9	3	15	9	9	8	2	2	215
ST	Rsrc	0	0	0	0	0	0	0	1	0	0	0	0	0	0		
31	Pers	0	0	0	0	0	0	0	4	0	0	0	0	0	0	9	13
52. Total Resources		5	10	3	2	6	2	2	32	1	17	8	12	8	1		851

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.