Incident: SCU LIGHTNING COMPLEX

Moderate

1. Incident Name:	U LIGHTNI	NG COMP	LEX		2.	Incident Numbe	er: SCU-005740			
3. Report Version (checone box): Initial X Update Final		nt Commai tion:	ommander(s) & Agency or 5			ident Managemerization: Type 1 Team	nt 6. Incide Date/Tim Date: 08	Potential Company Company Company		
7. Current Incident Size or Area Involved (use unit label – e.g., "Acres", "Square Miles"): 391150 Acres	8a. Percent (%) Contair or Complete 72 % b. Total Percentage (%) of Perimeter th will be Contained of Completed: 100 %	med Wildf B. Inc C. Cau Unkn D. Fire Monit	ident Descriptiuse: own e Suppression Strategy tor ne			10. Incident Complexity Level: X Single Complex	11. Report Tim From Date/Tim 09/01/2020 To Date/Time: 09/01/2020	e: 0600 PDT		
_	Print Name: Roy Broomfield (SITL) Print Name: Dusty Martin (DPIC) Signature: Signature: District Name: Distri									
14. Date/Time Submitte 09/01/2020 1736 F		15. Pri North		, Organ	ization	n, or Agency Sent	t To:			
	7. County / Stanislaus	Parish / Bo	rough:				18. City: Pleasanton	,		
19. Unit or Other: 20.	Incident Jur	risdiction:	21. Incident CA-SCU	Location	on Owi	nership (if differe	ent than jurisdict	ion):		
25. Short Location or Ar Multiple locations ac		•		or a re	ference	e point):	26. UTM Co Zone: Ea Northing:	ordinates: asting:		
27. Note any geospatial https://ftp.nifc.gov/SCU-005740_SCU_Lihttps://www.fire.ca.	public/incions ghtning_Co	dent_spe omplex/	cific_data/ca	alif_n/	!CALF	IRE/!2020_Ind		abels):		
28. Observed Fire Beha	vior or Signif	icant Even	ts for the Time	e Period	l Repoi	rted (describe fire	e behavior usino	accepted		

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terminology. For non-fire incidents, describe significant events related to the materials or other causal agents):

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Uphill Runs Backing Smoldering

Narrative:

Firing operations have been completed. Heavy concentrations of dense brush near the control lines continues to pose a large threat, especially with the oncoming weather pattern and unfavorable winds. Heavy materials continue to burn out in the bottoms of the steep drainages, as well as stumpholes and dead/down material. Continued issue of humidity drop at night above 2,000' elevation is allowing for materials to continue with active burning throughout the entire shift.

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

Tall Grass (2.5 feet)
Chaparral (6 feet)
Timber (Grass and Understory)

Narrative:

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):

An FMAG has been approved on 8-21 for Santa Clara, Stanislaus, counties. SCU LIGHTNING COMPLEX started on August 16, with multiple fires within the complex. These fires have since merged into one major fire and are broken into two branches, Branch I and II. There is numerous critical infrastructure in the immediate area of the fire. The fires continue to smolder and interior islands continue to burn out. Damage inspection is ongoing and approximately 60% complete.

Highways Closed:

Hwy 130

Roadways Closed:

Mines Road at Del Valle Road. Del Valle residents only.

Mines Road at the Santa Clara County line
The intersection of Mines Road, Del Puerto
Canyon Road, and San Antonio Valley Road.
Quimby Road at Mount Hamilton Road. Metcalf
Road at San Felipe Road. E. Dunne Ave at
Holiday. No traffic east of the intersection. Roop
Rd. at Coyote Reservoir. No traffic north or east
of intersection.

Canada at Jamieson Rd. No traffic north of the intersection.

Bell Station, north of 152. No traffic north of 152.

Alameda County:

A. Structural Summary	B. # Threatened (up to 72 hrs)	C. # Damaged	D. # Destroyed
E. Single Residences	8	12	50
F. Multiple Residences	0	2	0
G. Mixed Commercial / Residential	0	0	0
H. Nonresidential Commercial Property	0	0	0
I. Other Minor Structures	0	1	32

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Planning for Potential for Evacuations:

Current orders for communities: Current Warnings for communities:

Re population in Progress for: Sheridan Rd, Mill Creek. Mission Blvd, North of Corral Hollow, inside Ohlone Fire. Mines Rd north of the county

line.

Potential Evacuations:

CONTRA COSTA COUNTY

Evacuations in progress: None Evacuation Warnings: None Evacuation Orders: None

SANTA CLARA COUNTY

Planning for Potential Evacuations:

Evacuations in Progress:

Current warnings:

Current Order: Henry Coe State Park, inside fire perimeter, north of HWY 152, San Antonio Rd

south of Santa Clara county line.

Current Re Population: Calaveras Valley, Poverty Ridge east, Joseph Grant Park north, north of Coyote creek, east of San Felipe Hills, rodeo flats.

Potential Evacuations:

SAN BENITO COUNTY

Evacuations in progress: None

Current warnings: None Current Order: None

SAN JOAQUIN COUNTY

Planning for Potential Evacuation: Evacuations in progress: None Current warnings for area: None

Currents orders: None

Current Re Population: north of fire perimeter.

Potential Evacuations: None

STANISLAUS COUNTY

Re-population in progress: None

Current warnings: None Current Orders: None

MERCED COUNTY

Current warnings: None

Current Orders for Communities: None

FOR MORE SPECFIC DETAILS ON EVACUATIONS

PLEASE SEE:

https://www.fire.ca.gov/incidents/2020/8/18/

scu-lightning-complex/

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31. Public Status Summary:				32. Responder Status Summary:		_ ,	
C. Indicate the Number of <u>Ci</u>	<u>vilians</u> (Pub	olic) Below		C. Indicate the Number of Res	<u>oonders</u> 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	o		0
E. With Injuries/Illness	2	0	2	E. With Injuries/Illness	3	0	3
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	4,023	0	4,023	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:	4,025	0	4,025	N. Total # Responders Affected:	3	0	3

	,				
	34. Life, Safety, and Health Thre	eat			
Crew and public safety will continue to be a top priority on the	Management:				
incident. COVID-19 precautions continue to be a high priority for all		Active?			
personnel.	A. No Likely Threat				
35. Weather Concerns (synopsis of current and predicted weather; discuss related factors that may cause concern):	B. Potential Future Threat				
Hot and dry weather continued this afternoon. Over eastern portions	C. Mass Notifications in Progress	X			
of the fire, high temperatures ranged from the upper-80s to	D. Mass Notifications Completed	ĺ			
low-90s, and humidity dropped below 20%. Over western portions	E. No Evacuation(s) Imminent	2224			
of the fire, high temperatures ranged from the upper-70s to	F. Planning for Evacuation				
low-80s, and humidity dropped into the 20-30% range. Winds were generally light and from the southwest.	G. Planning for Shelter-in-Place	***************************************			
3	H. Evacuation(s) in Progress				
High pressure will continue to strengthen over the area initiating a	I. Shelter-in-Place in Progress				
warming and drying trend that will last through Labor Day	J. Repopulation in Progress	Х			
Weekend. As a result, an Excessive Heat Watch has been issued from Saturday through Monday. Otherwise, the forecast calls for	K. Mass Immunization in Progress				
generally light afternoon winds through the week.	L. Mass Immunization Complete				
	M. Quarantine in Progress				
	N. Area Restriction in Effect	X			
	O. Road Closure	Х			
	P. Trail Closure	x			
	Q. Area Closure	х			

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:

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12 hours: Increased hot and dry conditions will to produce smoldering conditions that will keep burning material extremely hot and allow for ignition if embers cross the control lines.

Hot and dry conditions continue across the complex zones and region. New starts (or rollout and equipment use) will create significant fire spread quickly.

48 hours: Increased hot and dry conditions will to produce smoldering conditions that will keep burning material extremely hot and allow for ignition if embers cross the control lines.

Hot and dry conditions continue across the complex zones and region. New starts (or rollout and equipment use) will create significant fire spread quickly.

Anticipated after 72 hours: starts (or rollout and equipment use) will create significant fire spread quickly.

37. Strategic Objectives (define planned end-state for incident):

Canyon Zone and Calaveras Zone

Keep the fire North of HWY 152

Keep the fire West of I-5

Keep the fire South of I 580

Keep the fire East of I-680 and Hwy 101

Deer Zone

Keep individual fires within current perimeters

Protect the numerous structures and critical infrastructure threats with the allotted resources.

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:

Fires are burning in remote places, some of the terrain has little to no fire history with decadent fuels which has allowed the fire growth to explode.

Threats to Life and Property: San Antone, San Jose, Milpitas, San Jose. Roughly 30,000 structures at risk and 80,000 people potentially evacuated.

Threats to Critical Infrastructure:

- Communications (repeaters) which service the San Jose Area, Pleasanton, Livermore, San Jose and Santa Clara ECC.
- PG&E transmission assets (500kV, 230kV & 115kV lines), two sub stations (500KV). 1 large Natural gas faculty. Supplying Northern and Southern Californian power, gas and 11 other states.
- State Water Project is currently threatened, (Gianneli Pumping/Generating Plant, Del Valle Dam) and it serves 27 million people and 750,000 acres of farmland throughout California.
- 12 hours: Alameda County Water District, (5 tanks, 3 reservoirs and related boosters and regulators) and a decommissioned treatment plant. Serves about 357,000 customers in the local area. Threats to Natural Resources:
 - Ohlone Regional Preserve
 - Henry Coe State Park

Threats to Endangered Resources:

- Red Legged frog,
- Coastal Horned lizard
- Western Pond turtle
- California Tiger Salamander
- Central California Roach
- Alameda whip snake
- Tule elk.

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Threats to Cultural Resources:

- Prehistoric culture sites Like the summer campsite of the Ohlone Indians.

Rements of these structures dating back to 1700s

- Ohlone Indians grinding pedestals.
- Historic barn dating back into the mid 1800s

Threats to Economic Impact: Estimated at 107 million per Ag Commissioner.

- Commercial grazing, agriculture
- Vinevards
- Olives, Almonds
- Adobe Springs is the source for many brands consumable water.

The Economic impact of the listed resources would cause a chain reaction if lost or damaged that would effect not only the California public but many other states.

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Threats to Natural Resources:

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- 24 hours: Threats to Endangered Resources: Red Legged frog,
 - Coastal Horned lizard
 - Western Pond turtle
 - California Tiger Salamander
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 - Tule elk.

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Anticipated after 72 hours:

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:

05 HEOB, 03 Fire Repair Specialist (forester I & II), 4 MAST, 1 EXC 2 GRD 12 hours:

02 CHIP

05 HEQB, 03 Fire Repair Specialist (forester I & II), 4 MAST, 1 EXC 2 GRD 24 hours:

02 CHIP

05 HEOB, 03 Fire Repair Specialist (forester I & II), 4 MAST, 1 EXC 2 GRD 48 hours:

02 CHIP

05 HEQB, 03 Fire Repair Specialist (forester I & II), 4 MAST, 1 EXC 2 GRD 72 hours:

02 CHIP

Anticipated after 72 hours:

- 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.

Crews will continue to strengthen control lines and mop up 300 ft off the line. Due to the size and complexity of the incident, fire suppression repair has become the main priority and a plan is been implemented.

41. Planned Actions for Next Operational Period:

Crews will continue to strengthen control lines and mop up 300 ft off the line. Fire suppression repair has become the main priority and a plan is being implemented. Demobilization of excess equipment.

- 42. Projected Final Incident Size/Area (use unit label e.g., "Acres", "Square Miles"):
- 43. Anticipated Incident Containment or Completion Date: 09/03/2020
- 44. Projected Significant Resource Demobilization Start Date:

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45. Estimated Incident Costs to Date: \$50,407,746.00

46. Projected Final Incident Cost Estimate:

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

An FMAG for this incident has been approved on 8-21 for Santa Clara, Stanislaus counties.

FIRE STRATEGY Percent contained ACRES CONTAINMENT EST COST

CANYON 100 72 388,046 9/3 \$49,898,853

DEER 100 100 3,104 8/23 \$508,893

ALL FIRES WILL HAVE 100 ON PERIMETER

ANIMAL SHELTER:

County of Santa Clara Animal Services:408-686-3900 For the unincorporated areas of Santa Clara County, Morgan Hill and Gilroy.

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	CRC	HEL1	HEL2	HEL3	ENG1	ENG3	ENG4	ENG6	DOZR	MCC	MKU	WTDS	50. Ovhd	51. Tot Pers
C&L	Rsrc	0	0	0	0	0	0	3	10	0	0	0	0	0	1		
	Pers	0	0	0	0	0	0	12	30	0	0	0	0	0	2	31	75
CA	Rsrc	0	0	3	0	0	0	0	0	0	0	0	0	0	0		
	Pers	0	0	31	0	0	0	0	0	0	0	0	0	0	0	1	32
64 6DE	Rsrc	3	4	3	0	0	0	0	117	0	0	4	1	1	0		
CA-CDF	Pers	55	95	36	0	0	0	0	468	0	0	10	2	11	0	230	907
	Rsrc	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
FS	Pers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ID	Rsrc	0	1	0	0	0	0	0	2	4	11	0	0	0	0		
	Pers	0	14	0	0	0	0	0	9	8	22	0	0	0	0	0	53
	Rsrc	0	0	0	0	0	0	4	2	0	2	0	0	0	0		
MT	Pers	0	0	0	0	0	0	22	11	0	8	0	0	0	0	0	41
050	Rsrc	0	0	0	0	0	0	15	0	0	0	0	0	0	0		
OES	Pers	0	0	0	0	0	0	45	0	0	0	0	0	0	0	36	81
	Rsrc	0	5	0	4	1	4	0	0	0	0	20	0	0	33		
PRI	Pers	0	100	0	10	4	10	0	0	0	0	37	0	0	67	108	336
	Rsrc	0	0	0	0	0	0	0	10	0	0	0	0	0	0		
TX	Pers	0	0	0	0	0	0	0	44	0	0	0	0	0	0	0	44
14/4	Rsrc	0	0	0	0	0	0	0	2	0	2	0	0	0	0		
WA	Pers	0	0	0	0	0	0	0	6	0	34	0	0	0	0	0	40
52. Total Resources		3	10	6	4	1	4	22	143	4	15	24	1	1	34	140	1609

^{53.} Additional Cooperating and Assisting Organizations Not Listed Above:

Alameda County FD / SO / Animal Services, CA Dept of Water Resources, CA Dept of Corrections and Rehabilitation, Cal OES, CA Conservation Corps, CA Dept Parks & Recreation, CHP, East Bay Regional

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Park, PG&E, San Francisco Water Department, San Jose Water Company, Santa Clara County FD / SO / Animal Control / Parks, Santa Clara Valley Water District, SF Water Department