Incident: SCU LIGHTNING COMPLEX

1. Incident Name:	U LIGHTNING	COMPLEX	2.	Incident Number	er: -SCU-005740
3. Report Version (check one box): Initial X Update Final	4. Incident (Organization			ident Manageme ization: Type 1 Team	Date/Time:
7. Current Incident Size or Area Involved (use unit label – e.g., "Acres", "Square Miles"): 376471 Acres	8a. Percent (%) Contained or Completed: 45 % b. Total Percentage (%) of Perimeter that will be Contained or Completed: 100 %	9. Incident Type: Wildfire B. Incident Descript C. Cause: Unknown D. Fire Suppression Strategy Monitor Confine Point Zone Protection		10. Incident Complexity Level: X Single Complex	11. Report Time Period: From Date/Time: 08/29/2020 0600 PDT To Date/Time: 08/29/2020 1730 PDT
12. Prepared By: Print Name: Roy Broor Date/Time Prepared: 08	8/29/2020 17	Signature: 7	Dusty Martin	1	
14. Date/Time Submitte 08/29/2020 1749 F		15. Primary Location North Ops	, Organization	n, or Agency Sen	it 10:
	.7. County / Par Stanislaus	ish / Borough:			18. City: Pleasanton
19. Unit or Other: 20.	Incident Jurisd	iction: 21. Incident	t Location Ow	nership (if differ	ent than jurisdiction):
22. Latitude/Longitude: Latitude: 37º 24' 30 Longitude: 121º 26'	, G	. US National Grid Ref rid Zone: -Coordinate: -Coordinate:	ference:	Principal Townshi	Description: Meridian: p: Range: Section: of 1/4 Sec:
25. Short Location or Ar Multiple locations ac			or a referenc	e point):	26. UTM Coordinates: Zone: Easting: Northing:
27. Note any geospatial https://ftp.nifc.gov/SCU-005740_SCU_Li	public/incider ghtning_Com	nt_specific_data/ca plex/	alif_n/!CALF	IRE/!2020_In	
https://www.fire.ca.					re behavior using accepted

Aug 29, 2020

Active

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

Incident: SCU LIGHTNING COMPLEX

Uphill Runs Backing Smoldering

Narrative:

Firing operations continued throughout the day with positive results due to favorable wind patterns. The abundance of dry fuels has made a very receptive bed for embers to create spot fires, which are being picked up at small sizes. Tree and branch release continue to block roadways throughout the incident. Deep seated heat is still being found in stump holes and areas of heavy fuel accumulation.

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. Damage inspection is ongoing. 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 approximately 20000 structures and numerous critical infrastructure in the immediate area of the fire. The fires continue to burn in steep inaccessible terrain influenced by low RH and high daytime temperatures.

Highways Closed:

Hwy 130

Roadways Closed:

Mines Road at DelValle Road. DelValle residents

Mine Road at Santa Clara County Line
The intersection of Mines Road, Del Puerto
Canyon Road, and San Antonio Valley Road. No
Traffic north or south (west) from intersection.
Quimby Road at Mount Hamilton Road. Hard
Closure.

Metcalf Road at San Felipe Road. No traffic south of the intersection.

E. Dunne Ave at Holiday. No traffic east of the intersection. Roop at Coyote Reservoir. No traffic north or east of intersection.

Canada at Jamieson Rd. No traffic north of the

B. # Threatened (up to 72 hrs)	C. # Damaged	D. # Destroyed
20,000	8	33
0	0	0
65	0	0
0)	0
0	1	20
	to 72 hrs) 20,000 0	to 72 hrs) Damaged 20,000 8 0 0 65 0

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intersection.

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

Alameda County:

Planning for Potential for Evacuations for City of Livermore, City of Pleasanton, Fremont affecting, 124,172 of persons and roughly 44,663 structures.

Current orders for communities:

Current Warnings for communities: All of Mines Rd, South of the fire perimeter to County Line. Re population in Progress for: Sheridan Rd, Mill Creek.Mission Blvd, North of Corral Hollow, Inside Ohlone Fire.

Potential Evacuations: 124,172

SANTA CLARA COUNTY

Planning for Potential Evacuations:
Evacuations in progress affecting 2755 persons: .
Current warnings for unincorporated area of San Martin and East of Hwy 101, Quimby Rd, Hamiliton Rd, Hwy 130 from Quimby to Calveras Reservoir, Eagle View Dr, Half Rd Ferguson Rd, Coyote Reservoir Road, Canada Rd. Current Order: Henry Coe state park, San Felipe, HWY 130 north of Grant Rd, Ed Levine Park, Current Re Population: East of Coyote Creek, East of Shingle Valley Rd East of Lovers Lane.

SAN BENITO COUNTY

Evacuations in progress: NONE. Current warnings: NONE. Current Order: None.

SAN JOAQUIN COUNTY

Planning for Potential Evacuations in communities, affecting 127 of persons. Evacuations in progress for area West of I5 affecting 189 of persons.

Current warnings for area: County line to Fire

perimeter.

Currents orders: Inside Fire Perimeter.

Current Re Population: North of Corral Hollow,

Par Estates.

Potential Evacuations: 117

STANISLAUS COUNTY

Re-population in progress for communities

Incident: SCU LIGHTNING COMPLEX

affecting 10 of persons. Current warnings: None		·
Current Orders: Inside the Fire Perimeter	3. 2. 3.	
MERCED COUNTY	}	
Current warnings: None at this time.		
Current Orders for Communities: None at the time.	is	
une.		
FOR MORE SPECFIC DETAILS ON EVACUATION	ONS	
PLEASE SEE:		
https://www.fire.ca.gov/incidents/2020/8/	/18/	
scu-lightning-complex/		
	l l	

31. Public Status Summary:		*****		32. Responder Status Summary:							
C. Indicate the Number of Civ	<u>rilians</u> (Pul	blic) Below		C. Indicate the Number of <u>Responders</u> 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	2	0	2	E. With Injuries/Illness	3	0	3				
F. Trapped/In Need of Rescue	0		О	F. Trapped/In Need of Rescue	0		0				
G. Missing	О		0	G. Missing	0		0				
H. Evacuated	5,323	0	5,323	H. Evacuated	0		0				
I. Sheltering in Place	О		0	I. Sheltering in Place	0		0				
J. In Temporary Shelters	0		О	J. In Temporary Shelters	0		0				
K. Have Received Mass Immunizations	О		0	K. Have Received Mass Immunizations	0		0				
L. Require Immunizations	0		o	L. Require Immunizations	0		0				
M. In Quarantine	0		0	M. In Quarantine	0		0				
N. Total # Civilians (Public) Affected:	5,325	0	5,325	N. Total # Responders Affected:	3	0	3				

33. Life, Safety, and Health Status/Threat Remarks: Heavy fire activity in the region is straining resource availability and	34. Life, Safety, and Health Threat Management:				
has presented a challenge to fire control. Critically low fuel		Active?			
moistures and steep terrain will continue to contribute to extreme fire behavior. COVID-19 precautions continue to be a high priority	A. No Likely Threat				
for all personnel.	B. Potential Future Threat	x			
35. Weather Concerns (synopsis of current and predicted weather; discuss	C. Mass Notifications in Progress	Х			
related factors that may cause concern):	D. Mass Notifications Completed				
Temperatures ranged from the mid 80s to mid 90s today with	E. No Evacuation(s) Imminent	X			
humidity from 15-30% across the fire. Winds remained from the southwest and	F. Planning for Evacuation				

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light, pushing the main fire activity in Div T and O towards the main fireline. Winds aloft did allow some of the high level smoke to pass over the southern Santa Clara Valley.

For tonight the marine layer will remain around 2000 feet deep with warm and dry conditions above the inversion layer while cool and moist conditions impact the lower slopes. Overnight lows mid 70s with little to no humidity recovery of 30% and locally drying to 15% before sunrise above 2500 feet.

Warming and drying trend starts Sunday and lasts through much of next week as temperatures warm into the 90s to around 100 with humidity values in the teens. Winds will remain light but the marine layer will be non-existent for much of next week.

		Active?
	G. Planning for Shelter-in-Place	
	H. Evacuation(s) in Progress	
١	I. Shelter-in-Place in Progress	
	J. Repopulation in Progress	Х
	K. Mass Immunization in Progress	
1	L. Mass Immunization Complete	
	M. Quarantine in Progress	
	N. Area Restriction in Effect	X
	O. Road Closure	Х
	P. Trail Closure	Х
	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:
- Firing will continue on the western edge of the incident as planned. Night time marine layer will come in again tonight to slow any fire spread below 1,500' elv.
- 24 hours: A warming and drying pattern will set in over the fire by Sunday night, reducing humidity recover across the entire incident, and allowing for fire spread to increase.
- 48 hours: Firing operation should be concluded, and forces holding and strengthening existing control line. Hot dry weather pattern will overtake the marine influence.

The fires perimeter is expected to grow when in alignment with topography and the wind and 72 hours: move into more urban areas due to limited staffing. Hot and dry conditions will continue to make a receptive fuel bed for spot fires to initiate and grow rapidly.

Anticipated after 72 hours:

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

Currently the incident is using aerial assets to assist in perimeter updates and operational decisions on the complex.

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 12 hours: decadent fuels which has allowed the fire growth to explode.

Threats to Life and Property: San Antone, San Jose, Milpitas, Gilroy, Morgan Hill, San Martin,

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San Jose, Fremont. Roughly 40,000 structures at risk and 100,000 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.
- 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.

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
- Vineyards
- 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 Life and Property: San Antone, San Jose, Milpitas, Gilroy, Morgan Hill, San Martin, San Jose, Fremont. Roughly 40,000 structures at risk and 100,000 people potentially evacuated.

Threats to Critical Infrastructure:

24 hours:

- Communications (repeaters) which service the San Jose Area, Pleasanton, Livermore, San Jose and Santa Clara ECC.
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48 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

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72 hours: Threats to Endangered Resources:

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- Coastal Horned lizard
- Western Pond turtle
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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.

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List resource category, kind, and/or type, and amount needed, in priority order:

- 12 hours: 21 HEQB 04 DIVS 02 OSC1 04 Fire Suppression Repair Specialist (Foresters I and II)
- 24 hours: 21 HEOB 04 DIVS 02 OSC1 04 Fire Suppression Repair Specialist (Foresters I and II)
- 48 hours: 21 HEQB 04 DIVS 02 OSC1 04 Fire Suppression Repair Specialist (Foresters I and II)
- 72 hours: 21 HEQB 04 DIVS 02 OSC1 04 Fire Suppression Repair Specialist (Foresters I and II)

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 build direct and indirect fireline and using firing operations to control the fire. The fire continues to burn in steep terrain and is influenced by terrain driven runs, extreme temperatures, and low RHs. The canyon and calaveras fires have merged together, the incident is in need of critical resources to protect sensitive wildlife, commercial agricultural and the critical power and communication infrastructure throughout the area as well as future structure threat of urban areas. Heavy fire activity in the region is straining resource availability and has presented a challenge to fire control.

41. Planned Actions for Next Operational Period:

Crews will continue to scout for safe access points in order to construct direct and indirect fire line. Crews will continue to secure lines of smaller lightning fires and patrol them. Mitigate ongoing structure threat, Most crews assigned to the incident were part of the initial attack.

- 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:
- 45. Estimated Incident Costs to Date: \$40,556,248.00
- 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 45 373,367 9/3 \$40,289,621 DEER 100 100 3,104 8/23 \$266,627

ALL FIRES WILL HAVE 100 ON PERIMETER

Temporary Evacuation points:

Creekside Middle School 535 Peregrine Dr, Patterson, CA 95363 Milpitas Library 160 N Main St Milpitas, CA 95035 Ann Sobrato High School Performing Arts Building 401 Burnett Ave. Morgan Hill, CA 950

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<i>(</i> 100)	w	и	ж.	Bч	7 16	m	а.				-		_	r	

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	And the second s	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	22	31	0	3	2	0	0	3	A Call (2)	1 (10)
C&L	Pers	0	0	0	0	0	0	84	114	0	6	4	0	0	5	38	251
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
CA-CDF	Rsrc	7	6	3	0	0	0	0	123	0	0	17	1	1	0	Annual Transport	cze vi
CA-CDF	Pers	110	120	36	0	0	0	0	494	0	0	36	2	11	0	235	1044
	Rsrc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20 F 10	
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
МТ	Rsrc	0	0	0	0	0	0	4	2	0	2	0	0	0	0	2 742	
141 1	Pers	0	0	0	0	0	0	22	11	0	8	0	0	0	0	0	41
OES	Rsrc	0	0	0	0	0	0	35	0	0	0	0	0	0	0		
OES	Pers	0	0	0	0	0	0	140	0	0	0	0	0	0	0	36	176
PRI	Rsrc	0	5	0	4	1	4	0	0	0	0	22	0	0	38		
PKI	Pers	0	100	0	10	4	10	0	0	0	0	40	0	0	72	108	344
TX	Rsrc	0	0	0	0	0	0	0	10	0	0	0	0	0	0		
17	Pers	0	0	0	0	0	0	0	44	0	0	0	0	0	0	0	44
WA	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		7	12	6	4	1	4	61	170	4	18	41	1	1	41	7	2025

53. Additional Cooperating and Assisting Organizations Not Listed Above:

Alameda County FD / SO / Animal Services, Atwater City FD / City Manager, CA Dept of Water Resources, CA Dept of Corrections and Rehabilitation, Cal OES, CA Conservation Corps, CA Dept Parks & Recreation, CHP, San Jose City FD / PD, Contra Costa County FPD / SO / OES, DLA San Joaquin County

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FD, Dos Palos PD / City Manager, East Bay Regional Park, East Contra Costa FD, Fremont City FD / PD / Mayor, Gustine City PD / City Manager, Hollister/San Benito County FD, Livermore-Pleasanton FD / PD, Livingston City Manager, Los Banos FD / PD, Merced City FD, Merced County Fire / SO / Sheriff Animal Services / OES, Milpitas FD / PD, Morgan Hill PD, PG&E, Pleasanton PD, San Benito County SO, San Francisco Water Department, San Joaquin County SO, San Jose FD, San Jose Water Company, San Ramon Valley FD, Santa Clara County FD / SO / Animal Control / Parks, Santa Clara Valley Water District, SF Water Department, South San Joaquin County Fire Authority, Stanislaus County Consolidated FD / SO / OES, Tracy PD, Turlock Irrigation District