Incident: SCU LIGHTNING COMPLEX

**Active** 

1. Incident Name: SC	U LIGHTNING	COMPLEX	2.	Incident Number	er: -SCU-005740
3. Report Version (checone box): Initial X Update Final	k 4. Incident C Organization		* 11 -	dent Manageme ization: <b>Type 1 Team</b>	ent 6. Incident Start Date/Time: Date: 08/16/2020 Time: 0556 PDT
7. Current Incident Size or Area Involved (use unit label – e.g., "Acres", "Square Miles"): 374471 Acres	8a. Percent (%) Contained or Completed: 40 % 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 Full Suppression		10. Incident Complexity Level: X Single Complex	11. Report Time Period: From Date/Time: 08/28/2020 1800 PDT To Date/Time: 08/29/2020 0545 PDT
12. Prepared By: Print Name: <b>Roy Broor</b> Date/Time Prepared: <b>08</b> <b>PDT</b>	3/29/2020 054	Signature:	Dusty Martin	1	
14. Date/Time Submitte <b>08/29/2020 0545 F</b>		15. Primary Location <b>North Ops</b>	, Organization	, or Agency Sen	t To:
	.7. County / Paris Stanislaus	sh / Borough:			18. City: Pleasanton
19. Unit or Other: 20.	Incident Jurisdi	ction: 21. Incident	t Location Ow	nership (if differ	ent than jurisdiction):
22. Latitude/Longitude: Latitude: <b>37º 24' 30</b> Longitude: <b>121º 26'</b>	Gr 7" X-	US National Grid Ref rid Zone: Coordinate: Coordinate:	erence:	Principal Townshi	Description: Meridian: p: Range: Section: of 1/4 Sec:
25. Short Location or Ar Multiple locations ac	, ,		or a reference	e point):	26. UTM Coordinates: Zone: Easting: Northing:
27. Note any geospatial https://ftp.nifc.gov/SCU-005740_SCU_Lihttps://www.fire.ca.	public/inciden ghtning_Comp	t_specific_data/ca plex/	alif_n/!CALF	IRE/!2020_In	
28. Observed Fire Beha	vior or Significan	it Events for the Time	e Period Repo	rted (describe fi	re behavior using accepted

Aug 29, 2020 1 7:49:39 AM

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

Incident: SCU LIGHTNING COMPLEX

Uphill Runs Spotting Smoldering

Narrative:

Fire continued to burn actively above 2,000' during the night time hours due to nightly drop in humidity between 1-3am. Firing operation continued throughout the evening making slow progress in heavy fuels and narrow holding lines.

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, Del Puerto Canyon Rd at Fires Edge

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: south of Vallecitos Rd, Wetmore, South of Tesla Rd Calaveras Rd, Canyon Reservoir Area Re population in Progress for: Sheridan Rd, Mill

Re population in Progress for: Sheridan Rd, Mil Creek.Mission Blvd, North of Corral Hollow

Potential Evacuations: 124,172

A. Structural Summary	B. # Threatened (up to 72 hrs)	C. # Damaged	D. # Destroyed
E. Single Residences	20,000	8	33
F. Multiple Residences	0	0	0
G. Mixed Commercial / Residential	65	0	0
H. Nonresidential Commercial Property	0	0	0
I. Other Minor Structures	0	1	20

Incident: SCU LIGHTNING COMPLEX

#### SANTA CLARA COUNTY

Planning for Potential Evacuations
Unincorporated area of San Martin
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:East of Anderson Lake, Henry Coe
state park, San Felipe, HWY 130 north of Grant
Rd, Ed Levine Park,

Current Re Population: Peet Rd to Coyote Creek, Holiday Lake Estates, Lower Thomas Grade,

Coyote Creek, Shingle Valley Rd Potential Evacuations: 7203

#### 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: None 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 affecting 10 of persons.
Current warnings: None
Current Orders: Inside the Fire Perimeter

#### MERCED COUNTY

Current warnings: None at this time.

Current Orders for Communities: None at this

time.

# FOR MORE SPECFIC DETAILS ON EVACUATIONS PLEASE SEE:

https://www.fire.ca.gov/incidents/2020/8/18/ scu-lightning-complex/

**Incident: SCU LIGHTNING COMPLEX** 

31. Public Status Summary: C. Indicate the Number of C	ivilians (Pul	hlic) Relow		32. Responder Status Summary  C. Indicate the Number of Res		Relow:	
C. Indicate the Number of C	Previous Report Total	A. # this Reporting Period	B. Total # to- date	C. Mulcate the Number of Res	A. # this Reporting Period	B. Total # to- date	
D. Fatalities	0		0	D. Fatalities	0	aTt lets are	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	356 1 70	0
G. Missing	0		0	G. Missing	0		0
H. Evacuated	5,323	0	5,323	H. Evacuated	0	oli evel i	0
I. Sheltering in Place	0		0	I. Sheltering in Place	0	8 or rend	0
J. In Temporary Shelters	0		0	J. In Temporary Shelters	0	yoşıd İst	0
K. Have Received Mass Immunizations	0		0	K. Have Received Mass Immunizations	0	56 Cn 176	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:	5,325	0	5,325	N. Total # Responders Affected:	3	0	3

moistures and steep terrain will continue to contribute to extreme fire behavior. COVID-19 precautions continue to be a high priority for all personnel.  35. Weather Concerns (synopsis of current and predicted weather; discuss related factors that may cause concern):  36. Mass Notifications in Progress D. Mass Notifications Completed	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:				
fire behavior. COVID-19 precautions continue to be a high priority  for all personnel.  35. Weather Concerns (synopsis of current and predicted weather; discuss related factors that may cause concern):  Description of the property of the property of the personnel of the property of the personnel of the personne	has presented a challenge to fire control. Critically low fuel	AN TORK TO SEE JOING MISTO	Active?			
For all personnel.  35. Weather Concerns (synopsis of current and predicted weather; discuss related factors that may cause concern):  D. Mass Notifications Completed		A. No Likely Threat	e description of			
35. Weather Concerns (synopsis of current and predicted weather; discuss related factors that may cause concern):  D. Mass Notifications Completed		B. Potential Future Threat	X			
Warra and dry weather continued above the 2000 feet marine laver	35. Weather Concerns (synopsis of current and predicted weather; discuss	C. Mass Notifications in Progress	instal			
Warm and dry weather continued above the 2000 foot marine layer 5 No 5/2012tion(c) Immigrant	related factors that may cause concern):	D. Mass Notifications Completed				
	Warm and dry weather continued above the 2000 foot marine layer	E. No Evacuation(s) Imminent	х			
20-35% much of the night and few hours of dropping into the upper	overnight. Temperatures remained in the 70s with humidity from	F. Planning for Evacuation	ELISATE			
	teens. Winds remained light.	G. Planning for Shelter-in-Place	10/4-9			
H. Evacuation(s) in Progress		H. Evacuation(s) in Progress				
For today, expect the marine layer to burn off quickly. Otherwise no I. Shelter-in-Place in Progress		I. Shelter-in-Place in Progress				
	big changes with highs from 85-95 and humidity values 18-28%.	J. Repopulation in Progress	х			
	Prevailing winds still west to southwest but light with wind speeds 4-8 mph and gusts 12 mph. Long range forecast calls for a	K. Mass Immunization in Progress				
	significant warming and drying trend starting as early as Sunday	L. Mass Immunization Complete	Paratyu.			
and lasting through much of next week.  M. Quarantine in Progress	and lasting through much of next week.	M. Quarantine in Progress				
N. Area Restriction in Effect X		N. Area Restriction in Effect	х			
O. Road Closure X		O. Road Closure	х			
P. Trail Closure	. Lingitialis	P. Trail 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:

X

Q. Area Closure

Incident: SCU LIGHTNING COMPLEX

12 hours: Firing operations will continue along with minimal issues due to West and Southwest winds.

Good depth is being achieved easily with ground and air resources

24 hours: Firing operations will slow some as they enter into heavier fuels and steeper slopes. Rolling

material will occur along the current control lines.

48 hours: Firing operations will continue into heavier fuels and conifer stands, and deep drainages.

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 decadent fuels which has allowed the fire growth to explode.

Threats to Life and Property: Diablo Grande Estates, San Antone, Del Puerto, San Jose, Milpitas, Gilroy, Morgan Hill, San Martin, San Jose, Fremont, Livermore, and Pleasanton. Roughly 60,000 structures at risk and 130,000 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 12 hours: 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 Commercial Facilities:
  - Lawrence Livermore Labs (Government Facility)
  - Stanford Research Institute (Government Facility)
  - Disney Fireworks Manufacturing plant

**Threats to Natural Resources:** 

- Sunol Regional Preserve
- Ohlone Regional Preserve

#### Incident: SCU LIGHTNING COMPLEX

- Upper Cottonwood creek wildlife area
- 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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24 hours:

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- Alameda whip snake
- Tule elk.

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Threats to Commercial Facilities:

- Lawrence Livermore Labs (Government Facility)
- 48 hours: Stanford Research Institute (Government Facility)
  - Disney Fireworks Manufacturing plant

**Threats to Natural Resources:** 

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- Ohlone Regional Preserve
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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:

04 Charlie Strike Teams 01 Foxtrot Strike Teams 02 Type 2 Handcrews

12 hours: **02 STAM 19 HEQB 02 DIVS** 

3 Type 1 Helicopters 4 Type 2 Helicopters

04 Charlie Strike Teams 01 Foxtrot Strike Teams 02 Type 2 Handcrews

24 hours: **02 STAM 19 HEQB 02 DIVS** 

3 Type 1 Helicopters 4 Type 2 Helicopters

04 Charlie Strike Teams 01 Foxtrot Strike Teams 02 Type 2 Handcrews

48 hours: **02 STAM 19 HEQB 02 DIVS** 

3 Type 1 Helicopters 4 Type 2 Helicopters

04 Charlie Strike Teams 01 Foxtrot Strike Teams 02 Type 2 Handcrews

72 hours: **02 STAM 19 HEQB 02 DIVS** 

3 Type 1 Helicopters 4 Type 2 Helicopters

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: \$37,745,457.00
- 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.

Percent contained ACRES CONTAINMENT **EST COST** FIRE STRATEGY CANYON 40 371,367 9/3 \$37,516,040 100 100 100 DEER 3,104 8/23 \$229,417

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#### 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

#### 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	HEL3	ENG1	ENG3	ENG4	ENG6	DOZR	MCC	MKU	WTDS	50. Ovhd	51. Tot Pers
601	Rsrc	0	0	0	0	0	22	26	0	3	2	0	0	3		
C&L	Pers	0	0	0	0	0	84	94	0	6	4	0	0	5	38	231
MINISTER OF	Rsrc	0	0	3	0	0	0	< 0	0	0	0	0	0	0	oi air	DING:
CA	Pers	0	0	31	0	0	0	0	0	0	0	0	0	0	1	32
C4 CD5	Rsrc	5	6	3	0	0	0	123	0	0	17	1	1	0	301301	
CA-CDF	Pers	96	120	36	0	0	0	494	0	0	36	2	11	0	235	1030
FC	Rsrc	0	0	0	0	0	0	0	0	0	0	0	0	0	1 (185)	n pie
FS	Pers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TD.	Rsrc	0	1	0	0	0	0	2	4	11	0	0	0	0	shipel	ight)
ID	Pers	0	14	0	0	0	0	9	8	22	0	0	0	0	0	53
NAT	Rsrc	0	0	0	0	0	4	2	0	2	0	0	0	0	ulani	eigth -
MT	Pers	0	0	0	0	0	22	11	0	8	0	0	0	0	0	41
OFC	Rsrc	0	0	0	0	0	35	0	0	0	0	0	0	0		4.1
OES	Pers	0	0	0	0	0	140	0	0	0	0	0	0	0	36	176
DDI	Rsrc	0	5	0	4	4	0	0	0	0	25	0	0	38	30	DE
PRI	Pers	0	100	0	10	10	0	0	0	0	44	0	0	72	108	344

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TV	Rsrc	0	0	0	0	0	0	10	0	0	0	0	0	0	,	
TX	Pers	0	0	0	0	0	0	44	0	0	0	0	0	0	0	44
14/4	Rsrc	0	0	0	0	0	0	2	0	2	0	0	0	0		
WA	Pers	0	0	0	0	0	0	6	0	34	0	0	0	0	0	40
52. Total Resources		5	12	6	4	4	61	165	4	18	44	1	1	41		1991

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 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