


Incident Status Summary (ICS-209)

Incident: **SCU LIGHTNING COMPLEX**

1. Incident Name: SCU LIGHTNING COMPLEX		2. Incident Number: CA-SCU-005740	
3. Report Version (check one box): Initial <input checked="" type="checkbox"/> Update Final	4. Incident Commander(s) & Agency or Organization: J. VEIK (IC)	5. Incident Management Organization: Type 1 Team	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"): 383157 Acres	8a. Percent (%) Contained or Completed: 60 %	9. Incident Type: Wildfire B. Incident Description: C. Cause: Unknown D. Fire Suppression Strategy:	10. Incident Complexity Level: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Complex
	b. Total Percentage (%) of Perimeter that will be Contained or Completed: 100 %		
12. Prepared By: Print Name: Roy Broomfield (SITL) Date/Time Prepared: 08/31/2020 0530 PDT		13. Approved By: Print Name: Dusty Martin (DPIC) Signature: 	
14. Date/Time Submitted: 08/31/2020 0543 PDT	15. Primary Location, Organization, or Agency Sent To: North Ops		
16. State: CA	17. County / Parish / Borough: Stanislaus	18. City: Pleasanton	
19. Unit or Other:	20. Incident Jurisdiction:	21. Incident Location Ownership (if different than jurisdiction): CA-SCU	
22. Latitude/Longitude: Latitude: 37° 24' 30" Longitude: 121° 26' 7"	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): Multiple locations across Diablo Mountain Range.		26. UTM Coordinates: Zone: Easting: Northing:	
27. Note any geospatial data available (indicate data format, content, and collection time information and labels): https://ftp.nifc.gov/public/incident_specific_data/calif_n/!CALFIRE/!2020_Incidents/CA-SCU-005740_SCU_Lightning_Complex/ https://www.fire.ca.gov/incidents/2020/8/18/scu-lightning-complex/			
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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**Uphill Runs
Backing
Smoldering**

Narrative:

Deep seated heat in stumpholes and trees continues to produce rollout and tree release causing blocked roadways and hot material crossing the control lines. Firing operations went well, with active fire throughout the evening due to the nightly drop in humidity above 2,000'. Fire intensity is completely consuming the heavy dead and down fuels.

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 only.**

**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 intersection.**

A. Structural Summary	B. # Threatened (up to 72 hrs)	C. # Damaged	D. # Destroyed
E. Single Residences	20,000	8	40
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	10	64

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

Alameda County:

Planning for Potential for Evacuations for City of Livermore, City of Pleasanton, affecting, 90,000 of persons and roughly 32,663 structures.

Current orders for communities:

Current Warnings for communities: All of Mines Rd, South of the fire perimeter to County Line. South of Tesla Rd.

Re population in Progress for: Sheridan Rd, Mill Creek. Mission Blvd, North of Corral Hollow, Inside Ohlone Fire.

Potential Evacuations: 90,000

SANTA CLARA COUNTY

Planning for Potential Evacuations:

Evacuations in Progress:

Current warnings for unincorporated area of San Martin and East of Hwy 101, Quimby Rd, Hamilton 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.

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: Inside Fire perimeter.

Currents orders:

Current Re Population: North of fire perimeter.

Potential Evacuations: 117

STANISLAUS COUNTY

Re-population in progress for communities affecting 10 of persons.

Current warnings: None

Current Orders: Inside the Fire Perimeter

Incident Status Summary (ICS-209)

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MERCED COUNTY

Current warnings: None at this time.

Current Orders for Communities: None at this time.

FOR MORE SPECIFIC DETAILS ON EVACUATIONS PLEASE SEE:

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

31. Public Status Summary:

C. Indicate the Number of Civilians (Public) Below:

	Previous Report Total	A. # this Reporting Period	B. Total # to-date
D. Fatalities	0		0
E. With Injuries/Illness	2	0	2
F. Trapped/In Need of Rescue	0		0
G. Missing	0		0
H. Evacuated	4,623	0	4,623
I. Sheltering in Place	0		0
J. In Temporary Shelters	0		0
K. Have Received Mass Immunizations	0		0
L. Require Immunizations	0		0
M. In Quarantine	0		0
N. Total # Civilians (Public) Affected:	4,625	0	4,625

32. Responder Status Summary:

C. Indicate the Number of Responders Below:

	Previous Report Total	A. # this Reporting Period	B. Total # to-date
D. Fatalities	0		0
E. With Injuries/Illness	3	0	3
F. Trapped/In Need of Rescue	0		0
G. Missing	0		0
H. Evacuated	0		0
I. Sheltering in Place	0		0
J. In Temporary Shelters	0		0
K. Have Received Mass Immunizations	0		0
L. Require Immunizations	0		0
M. In Quarantine	0		0
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 has presented a challenge to fire control. Critically low fuel 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):

Inversion layer was around 1800 feet with warm and dry conditions in the hills above. Overnight lows in the 70s with some 60s lower slopes. Humidity recovery remained poor to moderate with steady readings from 25-35% overnight and a few values from 15-25% just before sunrise. Winds remained light overnight. Forecast concerns for today will be warming and drying trend as highs in the

34. Life, Safety, and Health Threat Management:

	Active?
A. No Likely Threat	
B. Potential Future Threat	X
C. Mass Notifications in Progress	
D. Mass Notifications Completed	X
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	

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<p>90s return to Branch I with mid 80s for Div T and O where extensive mop-up and holding will continue as humidity values remain dry. The long range forecast calls for hot and dry weather this week and through the Labor Day weekend.</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>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> <tr> <td>N. Area Restriction in Effect</td> <td style="text-align: center;">X</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?	J. Repopulation in Progress		K. Mass Immunization in Progress		L. Mass Immunization Complete		M. Quarantine in Progress		N. Area Restriction in Effect	X	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>12 hours: 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.</p>
<p>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.</p>
<p>48 hours: Firing operation should be concluded, and forces holding and strengthening existing control line. Hot dry weather pattern will overtake the marine influence.</p>
<p>72 hours: The fires perimeter is expected to grow when in alignment with topography and the wind and 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.</p>
<p>Anticipated after 72 hours:</p>

<p>37. Strategic Objectives (define planned end-state for incident):</p> <p>Currently the incident is using aerial assets to assist in perimeter updates and operational decisions on the complex.</p> <p>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</p> <p>Deer Zone Keep individual fires within current perimeters</p> <p>Protect the numerous structures and critical infrastructure threats with the allotted resources.</p>

<p>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:</p> <p>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.</p> <p>Threats to Life and Property: San Antone, San Jose, Milpitas, San Jose. Roughly 30,000</p> <p>12 hours: structures at risk and 80,000 people potentially evacuated.</p> <p>Threats to Critical Infrastructure: - Communications (repeaters) which service the San Jose Area, Pleasanton, Livermore, San</p>

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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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24 hours:

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Threats to Natural Resources:

- Ohlone Regional Preserve

48 hours: - Henry Coe State Park

Threats to Endangered Resources:

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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:

12 hours: **12 HEQB, 05 Fire Repair Specialist (forester I & II), 10 MAST, 10 EXC**

24 hours: **12 HEQB, 05 Fire Repair Specialist (forester I & II), 10 MAST, 10 EXC**

48 hours: **12 HEQB, 05 Fire Repair Specialist (forester I & II), 10 MAST, 10 EXC**

72 hours: **12 HEQB, 05 Fire Repair Specialist (forester I & II), 10 MAST, 10 EXC**

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,

Incident Status Summary (ICS-209)

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- 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: **\$45,318,618.00**

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	60	380,053	9/3	\$45,014,781
DEER	100	100	3,104	8/23	\$303,837

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

Incident Status Summary (ICS-209)

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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		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	7	26	0	3	0	0	0	2		
	Pers	0	0	0	0	0	0	39	98	0	6	0	0	0	4	36	183
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	6	1	1	0		
	Pers	110	120	36	0	0	0	0	494	0	0	14	2	11	0	235	1022
FS	Rsrc	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	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
MT	Rsrc	0	0	0	0	0	0	4	2	0	2	0	0	0	0		
	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		
	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	21	0	0	38		
	Pers	0	100	0	10	4	10	0	0	0	0	39	0	0	72	108	343
TX	Rsrc	0	0	0	0	0	0	0	10	0	0	0	0	0	0		
	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		
	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	46	165	4	18	27	1	1	40		1934

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