

Incident Status Summary (ICS-209)

Incident: **SCU Lightning Complex**

1. Incident Name: SCU Lightning Complex		2. Incident Number: CA-SCU-005772									
3. Report Version (check one box): <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Update <input type="checkbox"/> Final	4. Incident Commander(s) & Agency or Organization: IC J.Veik	5. Incident Management Organization: Type 1 Team	6. Incident Start Date/Time: Date: 08/16/2020 Time: 0400 PDT								
7. Current Incident Size or Area Involved (use unit label – e.g., "Acres", "Square Miles"): 25000 Acres	8a. Percent (%) Contained or Completed: 0 % b. Total Percentage (%) of Perimeter that will be Contained or Completed: 100 %	9. Incident Type: Complex B. Incident Description: C. Cause: D. Fire Suppression Strategy:									
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Strategy</th> <th style="width: 50%;">Percent (%)</th> </tr> </thead> <tbody> <tr> <td>Monitor</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Confine</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Point Zone Protection</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Full Suppression</td> <td style="text-align: center;">100</td> </tr> </tbody> </table>		Strategy	Percent (%)	Monitor	0	Confine	0	Point Zone Protection	0
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Full Suppression	100										
		10. Incident Complexity Level: Single <input checked="" type="checkbox"/> Complex Team 6 transitioned with the local unit Monday August 17, 2020. There are 20 plus fires being managed under the SCU Lightning complex.	11. Report Time Period: From Date/Time: 08/17/2020 1800 PDT To Date/Time: 08/18/2020 0500 PDT								
12. Prepared By: Print Name: R. Broomfield Date/Time Prepared: 08/17/2020 2000 PDT		13. Approved By: Print Name: D. Martin (DPIC) Signature:									
14. Date/Time Submitted:		15. Primary Location, Organization, or Agency Sent To: North OPS									
16. State: CA	17. County / Parish / Borough: Santa Clara		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° 28' 49" Longitude: 121° 45' 6"	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): Several fires spread out through 5 counties			26. UTM Coordinates: Zone: Easting: Northing:								
27. Note any geospatial data available (indicate data format, content, and collection time information and labels):											

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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):

**Extreme
Uphill Runs
Spotting
Group Torching**

Narrative:

Dangerous rate of spread, medium range spotting among inaccessible terrain combined with triple digit temperatures which is increasing fire behavior.

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

**Tall Grass (2.5 feet)
Chaparral (6 feet)**

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):
The SCU Lightning complex started on August 16, there are approximately 20 separate fires within the complex. The complex is broken into three zones; Canyon, Marsh, and Deer. The fires continue to burn in steep inaccessible terrain influenced by low RH and high daytime temperatures. There is currently an excessive heat warning in place until Wednesday August 19, 2020.

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

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

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	0		0
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 # Civilians (Public) Affected:	0		0

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<p>33. Life, Safety, and Health Status/Threat Remarks: Fire fighters are continuing to battle triple degree temperatures and extreme fire behavior. Crews are also practicing social distancing and taking all COVID precautions.</p> <hr/> <p>35. Weather Concerns (synopsis of current and predicted weather; discuss related factors that may cause concern): ****MARSH ZONE WEATHER**** DISCUSSION...Mostly sunny skies with smoke and haze as high pressure rebuilds. Temperatures will continue to be unseasonably hot with highs in the 90s with mainly slope driven winds over the Marsh Zone. Humidity values remain seasonably dry with the biggest concern as the inversion lifts around midday allowing the fires to ventilate. Continued warm and dry overnight into Wednesday morning. .TUESDAY... Sky/weather.....Mostly sunny with smoke and haze. Max temperature.....90-95. Min humidity.....18-22 percent. Ridge winds.....Northwest winds 5 to 10 mph with gusts to around 15 mph. Lower/mid slopes....Light then afternoon upslope 3-8 mph. CWR.....0 percent. LAL.....1. Mixing height.....3000 ft AGL. Transport winds....West around 10 mph. Marine layer.....None. .TUESDAY NIGHT... Sky/weather.....Mostly clear. Min temperature.....75-80. Max humidity.....50 percent lower slopes 25-40 percent midslopes. Ridge winds.....Northwest winds 5 to 10 mph with evening gusts 15 mph. Lower/mid slopes....Downcanyon 1-4 mph. CWR.....0 percent. LAL.....1. Mixing height.....500 ft AGL. Transport winds....Northwest around 10 mph. Marine layer.....None. ****CANYON ZONE WEATHER**** .DISCUSSION... With subtropical moisture moving up from the southwest overnight into Monday morning, there is a slight chance for thunderstorms over the fire site through Monday morning. Above average high and</p>	<p>34. Life, Safety, and Health Threat Management:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 90%;"></th> <th style="width: 10%; text-align: center;">Active?</th> </tr> </thead> <tbody> <tr><td>A. No Likely Threat</td><td></td></tr> <tr><td>B. Potential Future Threat</td><td style="text-align: center;">X</td></tr> <tr><td>C. Mass Notifications in Progress</td><td style="text-align: center;">X</td></tr> <tr><td>D. Mass Notifications Completed</td><td></td></tr> <tr><td>E. No Evacuation(s) Imminent</td><td></td></tr> <tr><td>F. Planning for Evacuation</td><td style="text-align: center;">X</td></tr> <tr><td>G. Planning for Shelter-in-Place</td><td></td></tr> <tr><td>H. Evacuation(s) in Progress</td><td></td></tr> <tr><td>I. Shelter-in-Place in Progress</td><td></td></tr> <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?	A. No Likely Threat		B. Potential Future Threat	X	C. Mass Notifications in Progress	X	D. Mass Notifications Completed		E. No Evacuation(s) Imminent		F. Planning for Evacuation	X	G. Planning for Shelter-in-Place		H. Evacuation(s) in Progress		I. Shelter-in-Place in Progress		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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low temperatures expected each day and night through mid-week. Daytime minimum humidity values decrease through mid-week due to dry weather and hot temperatures.

.TUESDAY...

Sky/weather.....Mostly sunny.

Max temperature.....103-108.

Min humidity.....11-16 percent.

Wind (20 ft).....

Slope/valley.....Northwest winds 6 to 12 mph. Local gusts up to 20 mph in the afternoon and early evening.

Ridgetop.....Northwest around 12 mph.

Mixing height.....Increasing to 7500 ft AGL early in the afternoon and decreasing to 4000 ft AGL late in the afternoon.

Transport winds.....Northwest around 13 mph.

CWR.....0 percent.

LAL.....1.

******* DEER ZONE WEATHER*******

.DISCUSSION...Partly sunny skies with smoke and haze as high pressure

rebuids. Temperatures will continue to be unseasonably hot with triple digit heat. Humidity values remain seasonably dry with afternoon westerly winds being the biggest concern as the inversion lifts around midday allowing the fires to ventilate. Continued warm and dry overnight into Wednesday morning.

.TUESDAY...

Sky/weather.....Partly sunny with smoke and haze.

Max temperature.....99-106.

Min humidity.....22-32 percent.

Wind (20 ft).....West winds 10 to 15 mph with gusts to around 20 mph after 1400 hours.

CWR.....0 percent.

LAL.....1.

Mixing height.....3500 ft AGL.

Transport winds.....West around 10 mph.

Marine layer.....None.

.TUESDAY NIGHT...

Sky/weather.....Mostly clear with smoke and haze.

Min temperature.....81-86.

Max humidity.....40-50 percent.

Wind (20 ft).....West winds 10 to 15 mph with gusts to around 25 mph through sunset then gradually easing overnight.

CWR.....0 percent.

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LAL.....1. Mixing height.....500 ft AGL. Transport winds....West around 15 mph. Marine layer.....None.	
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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:	
12 hours:	The fire's perimeter is expected to grow when in alignment with topography and the wind. Hot and dry conditions have brought the fuels to a critical level, which will cause rapid fire growth.
24 hours:	The fire's perimeter is expected to grow when in alignment with topography and the wind. Hot and dry conditions have brought the fuels to a critical level, which will cause rapid fire growth.
48 hours:	The fire's perimeter is expected to grow when in alignment with topography and the wind. Hot and dry conditions have brought the fuels to a critical level, which will cause rapid fire growth.
72 hours:	The fire's perimeter is expected to grow when in alignment with topography and the wind. Hot and dry conditions have brought the fuels to a critical level, which will cause rapid fire growth.
Anticipated after 72 hours:	

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

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:	
12 hours:	Currently the fires are burning in remote places, some of the terrain has little to no fire history with decandent fuels which has allowed the fire growth to explode. Currently there is widespread threat to critical infrastructure of communications which service the San Jose Area, Pleasanton, Livermore, and Santa Clara ECC. Cultural assets threatened include, Snuol Regional Preserve, Ohlone regional Preserve, and Henry Coe State Park as well as threats to amphibious animals such as the red legged frog, alameda whip snake and other listed amphibians.
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48 hours:	Currently the fires are burning in remote places, some of the terrain has little to no fire history with decandent fuels which has allowed the fire growth to explode. Currently there is widespread threat to critical infrastructure of communications which service the San Jose Area, Pleasanton, Livermore, and Santa Clara ECC. Cultural assets threatened include, Snuol Regional Preserve, Ohlone regional Preserve, and Henry Coe State Park as well as threats to amphibious animals such as the red legged frog, alameda whip snake and other listed amphibians.
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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:	41 Type 3 Engine Strike Teams

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	<p>24 Golf Strike Teams 10 Type 2 IA Handcrews 14 Single Dozers 05 Strike Team Limas 36 Watertenders 02 Graders 16 DIVS 05 OPBD</p>
24 hours:	<p>41 Type 3 Engine Strike Teams 24 Golf Strike Teams 10 Type 2 IA Handcrews 14 Single Dozers 05 Strike Team Limas 36 Watertenders 02 Graders 16 DIVS 05 OPBD</p>
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Anticipated after 72 hours:	
<p>40. Strategic Discussion: Explain the relation of overall strategy, constraints, and current available information to:</p> <ol style="list-style-type: none"> 1) critical resource needs identified above, 2) the Incident Action Plan and management objectives and targets, 3) anticipated results. <p>Explain major problems and concerns such as operational challenges, incident management problems, and social, political, economic, or environmental concerns or impacts.</p> <p>Crews will build direct and indirect fireline where possible. The fire continues to burn in steep terrain and is influenced by terrain driven runs, extreme temperatures, and low RHs. The incident is in need of critical resources to protect the sensitive wildlife and the critical communication infrastructure throughout the area.</p>	
<p>41. Planned Actions for Next Operational Period:</p> <p>Crews will continue to scout for safe access points in order to construct direct and indirect fire line. Continued recon for new starts from the lightning storm on August 16, 2020. Most of the crews assigned to the incidents were part of the initial attack.</p>	

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42. Projected Final Incident Size/Area (use unit label – e.g., "Acres", "Square Miles"):
43. Anticipated Incident Containment or Completion Date: 09/16/2020
44. Projected Significant Resource Demobilization Start Date:
45. Estimated Incident Costs to Date: \$1,225,000.00
46. Projected Final Incident Cost Estimate:

47. Remarks (or continuation of any blocks above – list block number in notation):
CALFIRE IMT 6 has transitioned all of the fires into the SCU Lightning Complex- CA-SCU 005772 as of August 17, 2020. All 209s that were initiated have been finalized and brought in under the SCU Lightning Complex. It is expected that more fires will become part of the SCU Lightning Complex.

Incident Name	Suppression Strategy	Area	Area Measure	% Ctn/Comp	% Ctn/Comp Measure	Est. Cost to Date	Est. Comp Date	Perimeter
4-1 - Marsh		1,000	Acres	10	Percent	306,250	09/16/2020	100
ARROYO		1,000	Acres	10	Percent	306,250	08/22/2020	100
CANYON		20,000	Acres	0	Percent	306,250	09/16/2020	100
DEER		3,000	Acres	4	Percent	306,250	08/22/2020	100

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	ENG1	ENG3	ENG6	DOZR	MCC	MKU	50. Ovhd	51. Tot Pers
C&L	Rsrc	0	0	0	2	4	4	0	0	0		
	Pers	0	0	0	8	16	14	0	0	0	4	42
CA-CDF	Rsrc	8	5	1	0	51	0	6	1	1		
	Pers	160	68	16	0	204	0	12	2	2	8	472
PRI	Rsrc	0	0	0	0	0	0	4	0	0		
	Pers	0	0	0	0	0	0	8	0	0	0	8
52. Total Resources		8	5	1	2	55	4	10	1	1		522

53. Additional Cooperating and Assisting Organizations Not Listed Above:
Pleasanton Police Department, Santa Clara Public Safety Communications, San Joaquin OES, San Joaquin Sheriff's Office, Stanislaus Sheriff/OES, Contra Costa OES, Santa Clara Sheriff, Santa Clara Sheriff, PG&E, CHP, Alameda Sheriff
Henry Coe State Park Superintendent, Adobe Springs Water & Electric, West Side Conservation, PG&E, Stanislaus Sheriff, Stanislaus County Fire Warden, Stanislaus OES, TID POWER, Contra Costa OES, and Santa Clara OES.

