

Incident Status Summary (ICS-209)

Incident: **SALMON AUGUST COMPLEX**

1. Incident Name: SALMON AUGUST COMPLEX		2. Incident Number: CA-KNF-006081									
3. Report Version (check one box): Initial <input checked="" type="checkbox"/> Update Final	4. Incident Commander(s) & Agency or Organization: Kelly Zombro, SoCal Team 2 (IMT2) Ron Bravo, CALFIRE	5. Incident Management Organization: Type 2 Team <input checked="" type="checkbox"/> Unified Command	6. Incident Start Date/Time: Date: 08/13/2017 Time: 1938 PDT								
7. Current Incident Size or Area Involved (use unit label – e.g., “Acres”, “Square Miles”): 51008 Acres	8a. Percent (%) Contained or Completed: 14 %	9. Incident Type: Complex B. Incident Description: Multiple fires in wilderness C. Cause: Unknown D. Fire Suppression Strategy:	10. Incident Complexity Level: Single <input checked="" type="checkbox"/> Complex	11. Report Time Period: From Date/Time: 09/04/2017 0600 PDT To Date/Time: 09/04/2017 1615 PDT							
	8b. Total Percentage (%) of Perimeter that will be Contained or Completed: 60 %				<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></td> </tr> <tr> <td>Confine</td> <td></td> </tr> <tr> <td>Point Zone Protection</td> <td></td> </tr> <tr> <td>Full Suppression</td> <td></td> </tr> </tbody> </table>	Strategy	Percent (%)	Monitor		Confine	
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12. Prepared By: Print Name: Kyle Hauducoeur Date/Time Prepared: 09/04/2017 1630 PDT		13. Approved By: Print Name: Kelly Zombro / Nickie Washington Signature: _____									
14. Date/Time Submitted: 09/04/2017 1650 PDT		15. Primary Location, Organization, or Agency Sent To: ONC GACC									
16. State: CA	17. County / Parish / Borough: Siskiyou		18. City: Etna								
19. Unit or Other:	20. Incident Jurisdiction: CA-KNF	21. Incident Location Ownership (if different than jurisdiction): CA-KNF									
22. Latitude/Longitude: Latitude: 41° 15' 48" Longitude: 123° 5' 56"	23. US National Grid Reference: Grid Zone: x-Coordinate: y-Coordinate:	24. Legal Description: Principal Meridian: Mt. Diablo Township: 39N Range: 11W Section: 3 1/4 Sec: of 1/4 Sec:									
25. Short Location or Area Description (list all affected areas or a reference point): Marble Mountain Wilderness and Klamath NF side of the Trinity Alps Wilderness			26. UTM Coordinates: Zone: Easting: Northing:								
27. Note any geospatial data available (indicate data format, content, and collection time information and labels): http://ftp.nifc.gov/incident_specific_data/calif_n!/2017 20FEDERAL_Incidents/CA-KNF-006081_Salmon_August_Complex/GIS/IncidentData/ FSPPro data at same location											

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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):

**Active
Wind Driven Runs
Long-range Spotting
Running**

Narrative:

Active fire on DIV M, P & S. The fire will begin to challenge indirect handlines and threaten the Salmon River Valley Communities, City of Etna and surrounding communities.

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

**Timber (Grass and Understory)
Brush (2 feet)
Timber (Litter and Understory)**

Narrative:

This wilderness area has high tree mortality and fuels are primarily dense stringers of mixed conifers with heavy dead & down fuels and brush in open areas. Large down fuels can exceeds 200 tons/ac. with high numbers of standing snags. 2013 and 2014 burn perimeters have a receptive fuel bed of fine fuels.

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 area closure has been issued for the Salmon-August Complex Fire. To include the following trails: Pacific Crest, North Fork Salmon, Snowslide, English Peak, Hancock Lake, Upper Abbott's, Big Meadows Tie, Big Meadow Creek, Kidder Creek, Shackelford, Ethel, and Kidder along with the following trailheads: Creek, Pacific Crest Etna Summit and Mule Bridge. Level 2 road closure from Etna summit to Nordheimer.

A. Structural Summary	B. # Threatened (up to 72 hrs)	C. # Damaged	D. # Destroyed
E. Single Residences	1,000	0	0
F. Multiple Residences	0	0	0
G. Mixed Commercial / Residential	0	0	0
H. Nonresidential Commercial Property	25	0	0
I. Other Minor Structures	150	0	0

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	0		0
F. Trapped/In Need of Rescue	0		0
G. Missing	0		0
H. Evacuated	200	0	200
I. Sheltering in Place	0		0

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	10	0	10
F. Trapped/In Need of Rescue	0		0
G. Missing	0		0
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	Previous Report Total	A. # this Reporting Period	B. Total # to-date		Previous Report Total	A. # this Reporting Period	B. Total # to-date
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:	200	0	200	N. Total # Responders Affected:	10	0	10

<p>33. Life, Safety, and Health Status/Threat Remarks: North northeast winds over night has spread fire south and east and renews the need for prompted the evacuations of Sawyer's Bar, Little North Fork, Forks of Salmon and surrounding communities.</p> <p>35. Weather Concerns (synopsis of current and predicted weather; discuss related factors that may cause concern): Overnight lows will generally be in the 60s to lower 70s with slightly better relative humidity recoveries. Winds will gust up to 15 mph early tonight before becoming light and variable. Heavy smoke conditions in the drainages and canyons.</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%;">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></td></tr> <tr><td>D. Mass Notifications Completed</td><td style="text-align: center;">X</td></tr> <tr><td>E. No Evacuation(s) Imminent</td><td></td></tr> <tr><td>F. Planning for Evacuation</td><td></td></tr> <tr><td>G. Planning for Shelter-in-Place</td><td></td></tr> <tr><td>H. Evacuation(s) in Progress</td><td style="text-align: center;">X</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></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		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	X	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		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:</p>	<p>East side of the fire will continue to move toward Snoozer Ridge, Etna Creek and down Mill creek drainage toward Western Scott Valley and the city of Etna and will continue to push toward structures at Mule Bridge and Communications Towers on Etna Summit. The southwest flank will continue to move toward Forks of Salmon, Quail Flats and be threatening Sawyers Bar, Bestville and the North Fork of the Salmon River.</p>
<p>24 hours:</p>	<p>Cooler temps with diurnal W/NW winds throughout the day will continue to spread the Wallow fire to Snoozer Ridge into Etna Creek. The Wallow Fire has the potential to push toward Communications Towers on Etna Summit, Etna Creek, Western Scott Valley and the city of Etna. Fire will continue to move into Forks of Salmon, and Quail Flats and be threatening</p>

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	<p>Sawyers Bar, Bestville and the North Fork of the Salmon River. Chance of isolated thunderstorms could be an issue with outflow winds causing unexpected fire spread Tuesday night.</p>
48 hours:	<p>Cooling trend continues with a more westerly wind. Greater chance of thunderstorms throughout the day. Possibility of outflow winds from thunderstorms could be an issue causing unexpected fire spread and lightning that could be a source of new fire starts in the area.</p>
72 hours:	<p>Cooling trend continues with SW winds. The threat of thunderstorms continues. Possibility of outflow winds from Thunderstorms could be an issue causing unexpected fire spread and lightning that could be a source of new fire starts in the area.</p>
Anticipated after 72 hours:	
<p>37. Strategic Objectives (define planned end-state for incident): The Wallow Fire is 60% full suppression strategy with direct, indirect and contingency lines established on the south and east side of the incident. The north portion in the wilderness area is a confine & contain strategy.</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>	
12 hours:	<ul style="list-style-type: none"> * ~200 residents are under evacuation warning: Mule Bridge, Sawyers Bar, Little North Fork, Forks of Salmon and Historic Cabins in the Marble Mountain Wilderness. Fire will damage communication and electrical lines. * Smoke inversion makes the area air quality unhealthy. * Cultural interests and resources on ancestral lands of the Shasta and Karuk Tribes, as well as those of the Quartz Valley Indian Reservation. * Wildlife impacts include: the Spotted Owl, coho, steelhead and chinook. * Economic impact to timber sales, live stock grazing and local businesses that rely on recreational tourism (hiking on the PCT, fishing & hunting)
24 hours:	<ul style="list-style-type: none"> * Expand the evacuation warning to include Etna and the ~200 residents in: Mule Bridge, Sawyers Bar, Little North Fork, Forks of Salmon and Historic Cabins in the Marble Mountain Wilderness. Fire will damage communication and electrical lines. * Smoke inversion makes the area air quality unhealthy. * Cultural interests and resources on ancestral lands of the Shasta and Karuk Tribes, as well as those of the Quartz Valley Indian Reservation. * Wildlife impacts include: the Spotted Owl, coho, steelhead and chinook. * Economic impact to timber sales, live stock grazing and local businesses that rely on recreational tourism (hiking on the PCT, fishing & hunting)
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72 hours:	<ul style="list-style-type: none"> * Expand the evacuation warning to include Etna and the ~200 residents in: Mule Bridge, Sawyers Bar, Little North Fork, Forks of Salmon and Historic Cabins in the Marble Mountain Wilderness. Fire will damage

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	<p>communication and electrical lines.</p> <ul style="list-style-type: none"> * Smoke inversion makes the area air quality unhealthy. * Cultural interests and resources on ancestral lands of the Shasta and Karuk Tribes, as well as those of the Quartz Valley Indian Reservation. * Wildlife impacts include: the Spotted Owl, coho, steelhead and chinook. * Economic impact to timber sales, live stock grazing and local businesses that rely on recreational tourism (hiking on the PCT, fishing & hunting)
	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:	<p>4 IHC crews (Timing out) 4 T2IA crews (Timing out) 4 WFM modules (Timing out) 2 S/T ENG3 or ENG6 6 ENG4 IR flight (UTF Mechanical X 2 days) 1 FBAN 2 T1 helicopters 2 T2 helicopters 1 ASGS 1 HEB1 3 SOFR 1 TFLD 1 SITL BCMG (Potenial Spike Camp) RCDM SUPL ORDM</p>
24 hours:	<p>3 S/T ENG3 or ENG6 IR flight 1 FBAN 1 SITL BCMG</p>
48 hours:	<p>3 IHC Crews (Timing Out) IR flight</p>
72 hours:	<p>3 2IA Crews (Timing Out) IR flight</p>
	Anticipated after 72 hours: 5 IHC Crews (Timing Out) IR flight
	40. Strategic Discussion: Explain the relation of overall strategy, constraints, and current available information to: <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>

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Use of type 1 hand crews due to steep rocky terrain in the sensitive wilderness areas, has been slowed due to crews timing out and lack of replacement resources. Thus reducing our ability to complete planned direct and indirect line construction. Use of mechanical equipment is not possible or practical.
 Smoke conditions limits/negates use of aircraft, ground forces have to make up the effort.
 Missed direct / indirect opportunities, due to lack of crews has lead to increased need for engines for structure point protection and indirect actions.
 Shifting winds, dead & down fuels, snags and long travel times; combined with limited resources will extend the incident till the first significant wetting rain fall.
 Evacuation warning for affected communities to protect the public.

41. Planned Actions for Next Operational Period:
 Shift our limited number of type 1 crews to improving indirect and direct line construction to defend the Salmon River communities. Improve previous hand lines along Patterson Ridge, Patterson Creek, Kidder Creek, Etna Mill Creek, Whiskey Butte, Yellow Jacket Ridge and Sawyers Bar Road. Fuel reduction and preparation around structures with point protection defense along Salmon River Valley communities.
 Maintain the evacuation warning for Salmon River Valley Communities and expansion to the City of Etna.

42. Projected Final Incident Size/Area (use unit label – e.g., “Acres”, “Square Miles”):

43. Anticipated Incident Containment or Completion Date: **10/20/2017**

44. Projected Significant Resource Demobilization Start Date:

45. Estimated Incident Costs to Date: **\$15,893,250.00**

46. Projected Final Incident Cost Estimate:

47. Remarks (or continuation of any blocks above – list block number in notation):
31 & 34. Level 2 evacuation warning in effect for the communities of Sawyers Bar, Little North Fork and Forks of Salmon (Salmon River Valley communities)
39. Crew time outs will significantly limit our ability to construct indirect/direct line and increase fire spread. The spread will increase impact to residents, infrastructure and cultural resources.
7. Smoke production indicates fire growth, but the inversion with lack of IR flights makes mapping not possible. Anticipate large increase in acreage in 24 hrs.

Incident Name	Suppression Strategy	Area	Area Measure	% Ctn/Comp	% Ctn/Comp Measure	Est. Cost to Date	Est. Comp Date	Perimeter
GARDEN	Full Suppression	266	Acres	100	Percent		08/16/2017	100
GRIZZLY	Full Suppression	90	Acres	100	Percent		09/01/2017	100
MARY	Monitor	91	Acres	70	Percent		09/20/2017	0
RUSH	Full Suppression	3	Acres	100	Percent		09/01/2017	100
WALLOW	Confine	50,558	Acres	14	Percent	15,893,250	09/20/2017	60

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	Rsrc	CR1	CR2	CR2IA	CRC	HEL1	HEL2	HEL3	ENG3	ENG6	DOZR	WTDT	50. Ovhd	51. Tot Pers
BLM	Rsrc	1	0	0	0	0	0	0	1	1	0	0		
	Pers	19	0	0	0	0	0	0	4	4	0	0	4	31

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C&L	Rsrc	1	0	0	0	0	0	0	0	0	0	0		
	Pers	22	0	0	0	0	0	0	0	0	0	0	54	76
CA-CDF	Rsrc	38	0	0	1	0	0	0	43	0	7	5		
	Pers	760	0	0	13	0	0	0	200	0	11	5	102	1091
FS	Rsrc	6	3	2	0	3	1	1	9	1	1	2		
	Pers	120	48	39	0	6	14	6	45	4	3	4	73	362
OTHR	Rsrc	0	0	0	0	0	0	0	1	4	0	0		
	Pers	0	0	0	0	0	0	0	5	12	0	0	21	38
PRI	Rsrc	0	0	0	0	0	1	1	0	1	4	12		
	Pers	0	0	0	0	0	2	2	0	3	6	17	16	46
ST	Rsrc	0	1	0	3	0	0	0	2	4	0	0		
	Pers	0	8	0	40	0	0	0	7	9	0	0	8	72
52. Total Resources		46	4	2	4	3	2	2	56	11	12	19		1716

53. Additional Cooperating and Assisting Organizations Not Listed Above:

Scott Valley Fire Dept, Etna Fire Dept, Etna Police Dept, Siskiyou Co. Sheriffs Dept, CA Highway Patrol, CDC, Siskiyou Co. OES.

ST includes: FL,NC,AZ,NV,CO, CA (non CALFIRE).

OTHR includes: NWS,DOD,FWS,NPS,BIA.