

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”): 65392.35 Acres	8a. Percent (%) Contained or Completed: 15 %	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 10% MONITOR 25% COMPLETE 15% CONFINE 25% COMPLETE 15% PT ZONE PROT 40% COMPLETE 60% FULL SUPPRESSION 5% COMPLETE
	b. Total Percentage (%) of Perimeter that will be Contained or Completed: 60 %		
12. Prepared By: Print Name: Kyle Hauducoeur Date/Time Prepared: 09/09/2017 0545 PDT		13. Approved By: Print Name: Don Smith ICT (t) Signature: _____	
14. Date/Time Submitted: 09/09/2017 0559 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/			

Incident Status Summary (ICS-209)

Incident: SALMON AUGUST COMPLEX

FSPro data at same location

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):

**Moderate
Uphill Runs
Flanking
Spotting**

Narrative:

Fire was active on the south and west facing slopes after the afternoon heating. Held in check with aircraft. Humidity recoveries minimized activity to flanking growth.

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):

**Historic Tom Taylor Cabin was destroyed, verified by aviation on 06 Sept 2017.
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	1

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

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	11	0	11
F. Trapped/In Need of Rescue	0		0

Incident Status Summary (ICS-209)

Incident: SALMON AUGUST COMPLEX

	Previous Report Total	A. # this Reporting Period	B. Total # to-date		Previous Report Total	A. # this Reporting Period	B. Total # to-date
G. Missing	0		0	G. Missing	0		0
H. Evacuated	200	0	200	H. Evacuated	0		0
I. Sheltering in Place	0		0	I. Sheltering in Place	0		0
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:	11	0	11

<p>33. Life, Safety, and Health Status/Threat Remarks: Multiple extended deployment cycles and fatigue will begin to challenge crews.</p> <p>35. Weather Concerns (synopsis of current and predicted weather; discuss related factors that may cause concern): Observed: A brief shower moved through the Incident Command Post during the evening hours bringing a trace of rain. The rest of the night was quiet weather wise with chilly temperatures in the upper 40s and mid 50s. Another night of excellent relative humidities for the entire complex was observed.</p> <p>Forecasted: A warming and drying trend will develop over the complex Saturday. Temperatures will increase by five degrees with highs in the 70s and 80s. A noticeable drop in relative humidity is expected with most locations below 40%. Winds will shift to the northwest through the day with gusts up to 15 mph.</p>	<p>34. Life, Safety, and Health Threat Management:</p> <table border="1" style="width: 100%;"> <thead> <tr> <th></th> <th style="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></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		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
	Active?																																				
A. No Likely Threat																																					
B. Potential Future Threat	X																																				
C. Mass Notifications in Progress																																					
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																																				

<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 style="padding-left: 40px;">Warming and drying with winds North/Northwest, increasing throughout the operational period that will aid in the drying of fuels. Fire will continue to spread to the west and Southwest under the influence of the wind as the 12 hours: 1 and 10 hour fuels dry. Control lines could be challenged along Snoozer Ridge, Whiskey Butte and Patterson Creek along the East and Northeast of the fire. The fire has the potential to push toward Communications Towers on Etna Summit, Western Scott Valley and the city of Etna. Northern fire spread will be hampered until 1</p>

Incident Status Summary (ICS-209)

Incident: SALMON AUGUST COMPLEX

	<p>and 10 hour fuels dry but will continue to push toward Wooley Creek. The fire will continue to move South into Forks of Salmon and threaten Little North Fork and Sawyers Bar along the North Fork of the Salmon River.</p> <p>Deep Fire: Challenging control lines due to steep rugged terrain, the fire has sloped into Deep Lake and Second Valley Creek drainages. Alignment of wind with these drainages could impact fire spread.</p>
24 hours:	<p>Warm and dry conditions continue with winds North/Northwest, increasing throughout the operational period that will aid in the drying of fuels. Fire will continue to spread to the west and Southwest under the influence of the wind as the 1 and 10 hour fuels dry. Control lines could be challenged along Snoozer Ridge, Whiskey Butte and Patterson Creek along the East and Northeast of the fire. The fire has the potential to push toward Communications Towers on Etna Summit, Western Scott Valley and the city of Etna. Northern fire spread will be hampered until 1 and 10 hour fuels dry but will continue to push toward Wooley Creek. The fire will continue to move South into Forks of Salmon and threaten Little North Fork and Sawyers Bar along the North Fork of the Salmon River.</p> <p>Deep Fire: Challenging control lines due to steep rugged terrain, the fire has sloped into Deep Lake and Second Valley Creek drainages. Alignment of wind with these drainages could impact fire spread.</p>
48 hours:	<p>Warm and dry with Northeast winds strengthening. Warm dry winds will support fire spread and challenge control lines.</p>
72 hours:	<p>Warming and drying continues with Northeast winds. Warm dry winds will support fire spread and challenge control lines.</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 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"> * 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"> * 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)
48 hours:	<ul style="list-style-type: none"> * 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

Incident Status Summary (ICS-209)

Incident: SALMON AUGUST COMPLEX

	<p>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)</p>
72 hours:	<p>* 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)</p>
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>7 CRW1 (3 Timing out) 4 T2IA crews (Timed out) 3 WFM modules (Timed out)) 2 S/T ENG3 or ENG6 6 ENG4 1 FBAN 2 T1 helicopters 2 T2 helicopters 1 ASGS 2 HEQB 3 SOFR 1 TFLD RCDM SUPL ORDM</p>
24 hours:	<p>1 CRW1 (Timing Out) 4 Golf S/T (Timing Out) 1 CRW 2IA (Timing Out) 3 S/T ENG3 or ENG6 1 GISS</p>
48 hours:	3 CRW1 (Timing Out)
72 hours:	
Anticipated after 72 hours:	
40. Strategic Discussion: Explain the relation of overall strategy, constraints, and current available information to:	
<p>1) critical resource needs identified above, 2) the Incident Action Plan and management objectives and targets, 3) anticipated results.</p> <p>Explain major problems and concerns such as operational challenges, incident management problems, and social, political, economic, or environmental concerns or impacts.</p> <p>* Type 1 hand crews are essential to complete direct and indirect line construction in steep rocky terrain, but slowed due to crews timing out and lack of replacement resources.</p>	

Incident Status Summary (ICS-209)

Incident: SALMON AUGUST COMPLEX

* Use of mechanical equipment is not possible or practical in all areas.
 * Deep Fire has Indirect line construction in Second Valley Creek, Deep Lake Creek and along Canyon Creek Rd to limit fire spread north towards timber sales and high use recreation areas.
 * Smoke conditions can change rapidly and limit/negate use of aircraft, ground forces have to make up the effort.
 * Evacuation warning LIFTED for Salmon River Valley Communities due to favorable weather conditions & primary and secondary line construction approaching completion.

41. Planned Actions for Next Operational Period:
 * Improve previous hand lines along Patterson Ridge, Patterson Creek, Kidder Creek, Etna Mill Creek, Whiskey Butte, Yellow Jacket Ridge and Sawyers Bar Road.
 * Constructing indirect line due to hazard trees and steep terrain on the Deep Fire
 * Monitor evacuation plan to initiate point protection defense along Salmon River Valley communities. Structures have been assessed and prepped.
 * Evacuation warning LIFTED for Salmon River Valley Communities.
 * Wildfire Modules to scout the west of Div A to establish advantageous areas to confine the fire north and west of Etna.
 * Scout and prepare plan to confine the fire's spread west and north through the wilderness.

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: **\$22,939,750.00**

46. Projected Final Incident Cost Estimate:

47. Remarks (or continuation of any blocks above – list block number in notation):
 39. Crew time outs will significantly limit our ability to construct indirect/direct line; increasing fire spread and impact to residents, infrastructure and cultural resources.
 35/36. Thunderstorms and lightning across the planning area will increase potential for new starts and resources are designated for IA on the Klamath Natl Forest and Siskiyou Ranger Unit.
 FED - 2-ENG3 1-CRW1. STATE - 1 GOLF S/T, 5-ENG3, 1 DOZZ

Incident Name	Suppression Strategy	Area	Area Measure	% Ctn/Comp	% Ctn/Comp Measure	Est. Cost to Date	Est. Comp Date	Perimeter
CLAIRE	Monitor	0.1	Acres	99	Percent		09/20/2017	100
DEEP	Full Suppression	199	Acres	2	Percent	64,300	10/05/2017	100
FOURTH	Monitor	0.25	Acres	99	Percent		09/20/2017	100
GARDEN	Full Suppression	266	Acres	99	Percent		09/20/2017	100
GRIZZLY	Monitor	90	Acres	99	Percent		09/20/2017	
MARY	Monitor	91	Acres	99	Percent		09/20/2017	
RUSH	Monitor	3	Acres	99	Percent		09/20/2017	
WALLOW	Full Suppression	64,743	Acres	15	Percent	22,875,450	10/20/2017	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												50. Ovhd	51. Tot Pers
	CR1	CR2	CR2IA	CRC	HEL1	HEL2	HEL3	ENG3	ENG6	DOZR	WTDT		

Incident Status Summary (ICS-209)

Incident: SALMON AUGUST COMPLEX

BIA	Rsrc	0	0	0	0	0	0	0	0	3	0	0		
	Pers	0	0	0	0	0	0	0	0	9	0	0	1	10
BLM	Rsrc	1	0	0	0	0	0	0	0	0	0	0		
	Pers	19	0	0	0	0	0	0	0	0	0	0	9	28
C&L	Rsrc	3	0	0	0	0	0	0	14	0	0	1		
	Pers	62	0	0	0	0	0	0	70	0	0	1	50	183
CA-CDF	Rsrc	36	1	0	5	0	0	0	34	0	7	0		
	Pers	720	18	0	63	0	0	0	156	0	11	0	123	1091
DOD	Rsrc	0	0	0	0	0	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	0	0	0	0	2	2
FS	Rsrc	4	3	2	0	2	1	2	4	1	1	2		
	Pers	77	38	39	0	4	4	6	20	4	3	4	71	270
FWS	Rsrc	0	0	0	0	0	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	0	0	0	0	2	2
NG	Rsrc	0	4	0	0	0	0	0	0	0	0	0		
	Pers	0	108	0	0	0	0	0	0	0	0	0	0	108
NPS	Rsrc	0	0	0	0	0	0	0	0	1	0	0		
	Pers	0	0	0	0	0	0	0	0	3	0	0	5	8
NWS	Rsrc	0	0	0	0	0	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	0	0	0	0	1	1
PRI	Rsrc	0	0	0	0	0	0	0	0	2	4	10		
	Pers	0	0	0	0	0	0	0	0	6	5	14	6	31
ST	Rsrc	0	0	0	3	0	0	0	1	5	0	0		
	Pers	0	0	0	36	0	0	0	3	12	0	0	8	59
52. Total Resources		44	8	2	8	2	1	2	53	12	12	13		1793

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