

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”): 65193 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	11. Report Time Period: From Date/Time: 09/07/2017 0600 PDT To Date/Time: 09/07/2017 1700 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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Full Suppression											
12. Prepared By: Print Name: Kyle Hauducoeur Date/Time Prepared: 09/07/2017 1700 PDT		13. Approved By: Print Name: Kelly Zombro / Nickie Washington Signature: _____									
14. Date/Time Submitted: 09/07/2017 1703 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/											

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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
Isolated Torching
Backing**

Narrative:

~.16 inch of rain and lingering clouds across the fire area has reduced the fire activity.

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	0
E. With Injuries/Illness	0	0	0
F. Trapped/In Need of Rescue	0	0	0
G. Missing	0	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	0
E. With Injuries/Illness	11	0	11
F. Trapped/In Need of Rescue	0	0	0
G. Missing	0	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
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: Wetting rain has slick roads and muddy conditions on forest service roads.</p> <p>35. Weather Concerns (synopsis of current and predicted weather; discuss related factors that may cause concern): Observed: Thunderstorms heavily impacted the complex early Thursday bringing lightning, heavy rain, gusty winds and even small hail. The entire complex received at least a wetting rain with one RAWS recording 0.67 inches of rain. Another nearby RAWS reported a gust to 39 mph. Temperatures remained cool with highs in the low 60s to 70 with very high relative humidities.</p> <p>Forecasted: Enough lingering tropical moisture tonight will keep a slight chance for thunderstorms in place. Overnight lows are expected to remain cool and in the 50s with excellent relative humidity recoveries everywhere.</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
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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: Red Flag Warning in effect through 11 pm for abundant lightning and dry fuels. Cooler temps with West winds throughout the shift will continue to spread the Wallow fire. Wetting rain over the fire area earlier in the shift has suppressed fire spread through 1 and 10 hour fuels. 100 and 1000 hour fuels are still holding heat and could challenge control lines along Snoozer Ridge, Whiskey Butte and Patterson Creek along the East and Northeast of the fire. The fire will have limited spread toward Communications Towers on Etna Summit, into Western Scott Valley and the city of Etna. Northern fire spread will be limited toward Wooley Creek. The fire will continue to</p>
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	<p>move South into Forks of Salmon and threaten Little North Fork, Sawyers Bar, Bestville along the North Fork of the Salmon River. Thunderstorms with 30% chance of wetting rain could be an issue with outflow winds causing unexpected fire spread. Short periods of heavy rain could limit resources from accessing the fire.</p>
24 hours:	<p>Warming trend is setting up with North to Northwest winds increasing throughout the operational period that will dry fuels quickly of the moisture gained from the precipitation during the prior operational period. 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 but will continue to push toward Wooley Creek until 1 and 10 hour fuels dry. The fire will continue to move South into Forks of Salmon and threaten Little North Fork, Sawyers Bar, Bestville along the North Fork of the Salmon River. Thunderstorms with 50% chance of wetting rain could be an issue with outflow winds causing unexpected fire spread. Short periods of heavy rain could limit resources from accessing the fire. The threat of thunderstorms diminishes throughout the day.</p>
48 hours:	<p>Warm and dry with North 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"> * ~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"> * Evacuation warning for ~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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	<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)
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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:	<ul style="list-style-type: none"> 7 CRW1 (3 Timing out) 4 T2IA crews (Timed out) 4 WFM modules (Timed out)) 2 S/T ENG3 or ENG6 6 ENG4 1 FBAN 2 T1 helicopters 2 T2 helicopters 1 ASGS 1 HEQB 3 SOFR 1 TFLD BCMG (for Forks Spike Camp) RCDM SUPL ORDM
24 hours:	<ul style="list-style-type: none"> 2 CRW1 (Timing Out) 3 S/T ENG3 or ENG6 1 EXCA 1 MAST
48 hours:	<ul style="list-style-type: none"> 3 CRW1 (Timing Out) 1 GISS
72 hours:	
Anticipated after 72 hours:	
40. Strategic Discussion: Explain the relation of overall strategy, constraints, and current available information to:	
<ul style="list-style-type: none"> 1) critical resource needs identified above, 2) the Incident Action Plan and management objectives and targets, 3) anticipated results. 	

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Explain major problems and concerns such as operational challenges, incident management problems, and social, political, economic, or environmental concerns or impacts.

- * 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.
- * Missed direct / indirect opportunities, due to lack of crews has lead to the need for engines for structure defense (point protection) and other indirect actions.
- * Use of mechanical equipment is not possible or practical in all areas.
- * Spike Camp at Forks of Salmon to reduce travel time along limited access roads.
- * Smoke conditions can change rapidly and limit/negate use of aircraft, ground forces have to make up the effort.
- * Evacuation warning for Salmon River Valley Communities to protect the public.

41. Planned Actions for Next Operational Period:

- * Improving indirect and direct line construction to defend the Salmon River Valley communities.
- * Improve previous hand lines along Patterson Ridge, Patterson Creek, Kidder Creek, Etna Mill Creek, Whiskey Butte, Yellow Jacket Ridge and Sawyers Bar Road.
- * Div P & Div H utilizing firing as needed to reinforce containment to protect Etna.
- * Structures have been assessed and prepped, monitor evacuation plan to initiate point protection defense along Salmon River Valley communities.
- * Maintain the evacuation warning for Salmon River Valley Communities.
- * Wildfire Use Modules to scout the north side of the fire to establish advantageous areas to confine the fire north and west 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: **\$19,345,200.00**

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 and increase 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 DOZ2

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	64,743	Acres	15	Percent	19,345,200	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):

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48. Agency or Org		CR1	CR2	CR2IA	CRC	HEL1	HEL2	HEL3	ENG3	ENG6	DOZR	WTDT	50. Ovhd	51. Tot Pers
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	7	26
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	52	185
CA-CDF	Rsrc	30	0	0	1	0	0	0	34	0	7	0		
	Pers	600	0	0	13	0	0	0	156	0	11	0	113	893
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	5	3	2	0	2	1	2	4	1	1	2		
	Pers	99	38	39	0	4	4	6	20	4	3	4	76	297
OTHR	Rsrc	0	0	0	0	0	0	0	1	1	0	0		
	Pers	0	0	0	0	0	0	0	3	5	0	0	12	20
PRI	Rsrc	0	0	0	0	0	0	0	0	1	4	11		
	Pers	0	0	0	0	0	0	0	0	3	5	15	6	29
ST	Rsrc	0	0	0	3	0	0	0	4	4	0	0		
	Pers	0	0	0	36	0	0	0	15	9	0	0	15	75
52. Total Resources		39	3	2	4	2	1	2	57	10	12	14		1537

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,FWS,NPS.