Incident: SALMON AUGUST COMPLEX

1. Incident Name: SAL	MON AUGUST	COMPLEX		2. Ir	ncident Number: CA-	KNF-0	06081		
3. Report Version (check one box): Initial X Update Final	Organization: Ron Bollier,	ommander(s) & Agend : Great Basin Team 2 (dent Managemen zation: Type 2 Team	ŧ	6. Incident Start Date/Time: Date: 08/13/2017 Time: 1938 PDT			
or Area Involved (use unit label – e.g., "Acres", "Square Miles"): 65887.65 Acres	Contained or	9. Incident Type: Complex B. Incident Description Multiple fires in wilder C. Cause: Unknown D. Fire Suppression S Strategy Monitor Confine Point Zone Protection Full Suppression	erness	nt (%)	Complexity Level: Single	From [1 730 F	e/Time: 09/16/2017		
12. Prepared By: Print Name: <u>Matt Ginder</u> Date/Time Prepared: 09/ 10	6/2017 1700 PD	13. Approve Print Name: Signature: _		lier	}-4				
14. Date/Time Submitted:		5. Primary Location, O NC GACC	rganizat	ion, or	Agency Sent To:				
CA Si	7. County / Paris iskiyou icident Jurisdicti		ocation	Owner	rship (if different	than ju	18. City: Etna urisdiction):		
CA-KNF 22. Latitude/Longitude: Latitude: 41° 15' 48" Longitude: 123° 5' 56" CA-KNF 23. US National Grid Reference: Grid Zone: x-Coordinate: y-Coordinate: y-Coordin									
	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 Zone: Easting: Northing:								
27. Note any geospatial dai http://ftp.nifc.gov/incident GIS/IncidentData/	ta available (ind _specific_data/	icate data format, cor calif_n/!2017 20FEDE	ntent, an	id colle cidents/	ction time inform	nation _Salmo	and labels): on_August_Complex/		

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

Flanking

Backing

Creeping

Narrative:

Little to no growth. Perimeter fire and interior burnout exhibited generally low spread rates and low flame length.

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

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, Shackleford, Ethel, and Kidder along with the following trailheads: Creek, Pacific Crest Etna Summit and Mule Bridge.

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:			32. Responder Status Summary:						
C. Indicate the Number of Civilia	nns (Publi	c) Below:	C. Indicate the Number of Responders Below:						
	Previous Report Total	A. # this Reporting Period	B. Total # to- date		Previous Report Total	A. # this Reporting Period	B. Total # to- date		
D. Fatalities	0		0	D. Fatalities	0		0		
E. With Injuries/Illness	0		0	E. With Injuries/Illness	12	0	12		
F. Trapped/In Need of Rescue	0		0	F. Trapped/In Need of Rescue	0	***********	0		
G. Missing	0		0	G. Missing	0		0		
H. Evacuated	200	0	200	H. Evacuated	0		0		

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
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:	12	0	12

33. Life, Safety, and Health Status/Threat Remarks:	34. Life, Safety, and Health Threa	t			
35. Weather Concerns (synopsis of current and predicted weather; discuss	Management:				
related factors that may cause concern):		Active?			
Observed:	A. No Likely Threat				
Cool and cloudy start to the day gave way to a mix of sun and clouds. The occasional clouds keep temperatures in check with highs in the 60s and 70s. The	B. Potential Future Threat				
relative humidities were a little higher as well with readings in the 20-30 percent	C. Mass Notifications in Progress				
range. Winds were gusty out of the southwest and up to 25 mph.	D. Mass Notifications Completed				
	E. No Evacuation(s) Imminent				
Forecasted:	F. Planning for Evacuation				
Skies are expected to gradually clear overnight providing another cool night for the complex. Lows will bottom out in the mid 40s to low 50s. Moderate or better	G. Planning for Shelter-in-Place				
relative humidity recovery is expected for the entire complex. Southwest winds	H. Evacuation(s) in Progress				
will shift to northwest early tonight before becoming light and variable by	I. Shelter-in-Place in Progress				
Sunday morning.	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	Х			
	P. Trail Closure	Х			
	Q. Area Closure	χ			

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: Low to no growth potential.

Slightly cooling temperatures, with moderate minimum relative humidities. Low spread and growth potential 24 hours: given the control and holding actions in place. Potential is more driven by terrain and where the fire is on the terrain. Wind direction (NW to W) likely to cause most active perimeters to behave like backing fires.

Generally low spread and growth potential, with continued cooling and raising RHs. There is a slight potential for

48 hours: rain. Wind direction (SW) likely to cause most active perimeters to behave like backing fires.

Incident: SALMON AUGUST COMPLEX

Continued generally no to low spread and growth potential with cool temperatures, high RHs, and a good 72 hours: possibility of wetting rain.

Continued generally no to low spread and growth potential with cool temperatures, high RHs, and a good possibility of wetting rain Wednesday. Slow warming and drying beginning Anticipated after 72 hours:

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.

- 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:
 - * 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.

12 hours:

- * 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)
- * Smoke inversion makes the area air quality unhealthy.

24 hours:

- * 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)
- * Wildlife impacts include: the Spotted Owl, coho, steelhead and chinook.
- 48 hours: * Economic impact to timber sales, live stock grazing and local businesses that rely on recreational tourism (hiking on the PCT, fishing & hunting)
 - * Wildlife impacts include: the Spotted Owl, coho, steelhead and chinook.
- 72 hours: * 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:
 - 2 T1 or T2IA crews

12 hours: 4 HEQB

2 TFLD

24 hours:

48 hours:

72 hours:

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,
- 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,

Incident: SALMON AUGUST COMPLEX

economic, or environmental concerns or impacts.

- * Type 1 hand crews to complete direct and indirect line construction in steep rocky terrain.
- Use of mechanical equipment is not possible or practical in all areas.
- * HEQB needed to complete suppression repair.
- * 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.
- 41. Planned Actions for Next Operational Period:
- * Improve previous hand lines along Yellow Jacket Ridge to Crapo Mt.
- * Construct indirect line due to hazard trees and steep terrain on the Deep Fire, with direct line where appropriate
- * Back haul equipment and hose by truck and helo.
- Complete chipping of hazard fuels from fuel break along Sawyer Bar Rd.
- * Repair Group east continuing work in State DPA and NE end of complex.
- * Securing fire edge in DIV M north of Whiskey Butte.
- * Continue Securing direct and indirect line in DIV T and V north of Little North Fork to protect Saywers Bar.
- * Construt direct line form Crapo Mt. to Little North Fork.
- 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: \$32,605,700.00
- 46. Projected Final Incident Cost Estimate:
- 47. Remarks (or continuation of any blocks above list block number in notation):
- 35/36. Recurring thunderstorms and lightning across the planning area increases potential for new starts and resources are are available for IA on the Klamath Natl Forest and Siskiyou Ranger Unit.
- 49. 8 Smokejumpers and 1 ENG on the Blaine Fire, containment is expected tomorrow night.

Incident Name	Suppression Strategy	Area	Area Measure	% Ctn/Comp	% Ctn/Comp Measure	Est. Cost to Date	Est. Comp Date	Perimeter
BINGHAM	Monitor	0.1	Acres	100	Percent	20,000	09/20/2017	100
BLAINE	Full Suppression	1.2	Acres	90	Percent	8,000	09/20/2017	100
CLAIRE	Monitor	0.1	Acres	100	Percent		09/20/2017	100
DEEP	Full Suppression	210	Acres	15	Percent		10/05/2017	100
FOURTH	Monitor	0.25	Acres	100	Percent		09/20/2017	100
GARDEN	Monitor	266	Acres	100	Percent		09/20/2017	100
GRIZZLY	Monitor	90	Acres	100	Percent		09/20/2017	100
MARY	Monitor	91	Acres	100	Percent		09/20/2017	100
RUSH	Monitor	3	Acres	100	Percent		09/20/2017	100
WALLOW	Full Suppression	65,226	Acres	34	Percent	32,577,700	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.	CR1	CR2	CR2IA	CRC	HEL1	HEL2	HEL3	ENG3	ENG4	ENG6	DOZR	WTDT	WTDS	MAST	50.	51.	
- 1				All property and the second	desire sections	Maria Million					Antonia de la Companio de la Compani	Ottobalantenin	North Company of the language	Andrews .				

Incident: SALMON AUGUST COMPLEX

Agency or Org																Ovhd	Tot Pers
DIA	Rsrc	0	0	0	0	0	0	0	0	0	1	0	0	0	0		
BIA	Pers	0	0	. 0	0	0	0	0	0	0	3	0	0	0	0	2	5
DIM	Rsrc	0	0	0	0	0	0	0	2	0	1	0	0	0	0		
BLM	Pers	0	0	0	0	0	0	0	9	0	2	0	0	0	0	25	36
	Rsrc	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
C&L	Pers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16
CA CDE	Rsrc	3	0	0	5	0	0	0	1	0	0	0	0	0	1		
CA-CDF	Pers	58	0	0	72	0	0	0	3	0	0	0	0	0	1	100	234
	Rsrc	4	4	0	0	3	2	1	5	0	0	0	1	0	0		
FS	Pers	82	48	0	0	3	16	1	23	0	0	0	2	0	0	75	250
m 1 to	Rsrc	0	0	0	0	0	0	0	0	0	1	0	0	0	0		
FWS	Pers	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	6
	Rsrc	0	8	0	0	0	0	0	0	0	0	0	0	0	0		
NG	Pers	0	216	0	0	0	0	0	0	0	0	0	0	0	0	0	216
	Rsrc	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
NPS	Pers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	21
	Rsrc	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
NWS	Pers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
nn.	Rsrc	0	0	1	0	0	0	1	0	1	3	5	7	8	2		
PRI	Pers	0	0	20	0	0	0	1	0	3	9	5	11	9	4	6	68
	Rsrc	0	0	0	0	0	0	0	4	0	2	0	0	0	0		
ST	Pers	0	0	0	0	0	, 0	0	17	0	6	0	0	0	0	9	32
52. Total Resources		7	12	1	5	3	2	2	12	1	8	5	8	8	3		885

53. Additional Cooperating and Assisting Organizations Not Listed Above:

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

ST includes: AZ, CO, NC, NV, UT.

ICS 209 WEIGHTED AVERAGE CONTAINMENT CALCULATION

SALMON AUGUST	COMPLEX	9/16/	2017			
OPERATIONAL OBJECTIVE	PERCENT OF TOTAL OPERATION	PERCENT COMPLETED	WEIGHTED % OF TOTAL COMPLETED			
MONITOR	10%	30%	3.0%			
CONFINE	15%	30%	4.5%			
POINT ZONE PROTECTION	15%	75%	11.3%			
FULL SUPPRESSION	60%	25%	15.0%			
TOTAL	100%		34%			
RUSH/GARDEN/MARY/GRIZZLY Blaine/Binghan	9/13/	2017				
OPERATIONAL OBJECTIVE	PERCENT OF TOTAL OPERATION	PERCENT	WEIGHTED % OF			
DIRECT LINE	10%	COMPLETED	TOTAL COMPLETED			
		90%	9.0%			
MONITOR	85%	100%	85.0%			
SUPPRESSION REPAIR	5%	100%	5.0%			
TOTAL	100%		99%			
DEEP		9/16/2017				
OPERATIONAL OBJECTIVE	PERCENT OF TOTAL OPERATION	PERCENT COMPLETED	WEIGHTED % OF TOTAL COMPLETED			
MONITOR	10%	10%	1.0%			
DIRECT LINE	90%	15%	13.5%			
INDIRECT LINE	0%	0%	0.0%			
POINT PROTECTION	0%	0%	0.0%			
TOTAL	100%		15%			