

Incident Action Plan

Forks Complex

CA-KNF-5949

P5HS91



Day Shift

September 3, 2013

0600 to 1800

INCIDENT OBJECTIVES	1. Incident Name Forks Complex	2. Date 9/2/2013	3. Time 20:06
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4. Operational Period
9/03/2013 0600 - 1800

5. General Control Objectives for the Incident (include alternatives)

MANAGEMENT OBJECTIVES

- Ensure all suppression actions are prioritized for firefighter and public safety.
- Ensure fire suppression operations minimize negative fire effects.
- Utilize Resource Advisors and Heritage Consultants to assess impacts to sensitive historic, cultural, wildlife, and plant resources.
- Manage the fire in a cost effective manner commensurate with values at risk.
- Keep cooperators, communities, and concerned citizens informed.

OPERATIONAL OBJECTIVES

- Utilize tactics which provide for the protection of private property and infrastructure.
- Utilize minimum impact suppression tactics (MIST) within wilderness areas and in other land use designations as appropriate.
- Keep the Butler fire within constructed fire lines.
- Keep the Salmon fire within existing containment lines.
- Implement fire suppression repair in accordance with developed plans.

6. Weather Forecast for Period
See attached forecast

7. Safety Message
See attached Safety Message

8. Attachments (mark if attached)

<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Weather
<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> Safety Message
<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input type="checkbox"/> Traffic Plan	<input checked="" type="checkbox"/> LCES Worksheet

9. Prepared by (Planning Section Chief) <i>Joa PSC (+)</i>	10. Approved by (Incident Commander) <i>Matt [Signature]</i>
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ORGANIZATION ASSIGNMENT LIST		9. Operations Section		
1. Incident Name Forks Complex		Day Ops Chief	Rick Young / Eric Petterson (t)	
		Night Ops Chief		
2. Date 9/2/2013	3. Time 20:11	Planning Ops	Dan George / Scott Lucas (t)	
4. Operational Period 09/03/2013 0600 - 1800		a. Branch I – Division/Groups		
		Branch	Daren Dalrymple	
Position	Name	Division/Group	F, K	Unstaffed
		Division/Group	G / H	Heather McRae
5. Incident Commander and Command Staff		Division/Group	W	Jason Withrow
Incident Commander	Matt Johnson	Division/Group		
Deputy IC	Joe Molhoek	Division/Group		
Liaison	Tim Fike	Division/Group		
Safety Officer	T. O'Connell / S. Davis / S. Charley	Division/Group		
Information Officer	Adrienne Freeman	b. Division/Groups		
		Division Group	A, E	Unstaffed
6. Agency Representative		Division/Group	B / C	Greg Jewers / Heather Munn(t)
Agency	Name	Division/Group	D	Casey Boespflug
Agency Admin	Patty Grantham	Division/Group	R / T / Z	Steve Raymer / Matt Lynde (t)
Agency Admin Rep	Nolan Colegrove (SRF) Dave Hayes (KNF)	Division/Group	Road	John Fell
Siskiyou County Sheriff	Jim Bretts	Division/Group		
Siskiyou County OES	Ron Qugley	Division/Group		
Forks Community Liaison	Jim Bennett	Division/Group		
Hoopla Tribal Chair	Danielle Vigil-Masten	Division/Group		
Karuk Tribal Rep	Bill Tripp	Division/Group		
CCC Rep	Susan Jones	Division/Group		
California OES	Pat O'Bannon	Division/Group		
Heritage Consultant Coord.	Harold Tripp	Division/Group		
Lead Resource Advisor	Dustin Bryant	d. Air Operations Branch		
7. Planning Section		Air Operations Branch Director	Dennis Kuster	
Chief	Patrick Farrell / John Owen (t)	Air Support Group Supervisor	Staci Dickson	
Deputy		Air Tactical Group Supervisor	Jeff Keiser / Rico Gonzalez (t)	
Resources Unit	Jeff Buscher (t) / Duane Miller (t)	Air Tactical Group Supervisor		
Situation Unit	Charlotte Jordan / Matt Brown(t)	HeliBase Manager	Bill Lambert	
Documentation Unit	Rex Crabtree			
Demobilization Unit	Karen Davis			
Fire Behavior Unit	Ken Larson / Brian Ebert (t)	10. Finance Section		
Incident Meteorologist	John Pendergrast	Chief	Beth Lopez	
Technical Specialist	John Miller / Blake Miller (t)	Personnel Time Unit	Penny Portlock	
Training Specialist	Brad Smith	Equipment Time Unit	Juanita Cortez	
GISS	Melanie Kerr / Mark Grupe / K. Roehrs	Cost Unit	Rich Anderson / Sam Rapphahn (t)	
Status Check-In	Mike Velasquez	Compensation / Claim Unit	Tina Kennedy	
8. Logistics Section		Procurement Unit Leader		
Chief	Jack Costello	IBA	Lola Capp / Kathy Griffin	
Deputy	Mike Heckendorn			
Supply Unit	Tracey Valentine			
Facilities Unit	Bill Patten / Ric Crowther / Robin Davis (t)	Prepared By: Duane Miller – RESL (t)		
Ground Support Unit	John Fell / Merle Drucker (t)			
Communications Unit	Jim Lewis / Don Stoner			
Medical Unit	Jennifer Kraushaar / Patrick Young (t)			
Food Unit	Kevin Browning			



Forks Complex Incident Weather Forecast



FORECAST NO: 32
 PREDICTION FOR: Tuesday Day Shift
 SHIFT DATE: September 3rd, 2013
 FORECAST ISSUED: 2000 September 2nd, 2013

NAME OF FIRE: Forks Complex
 UNIT: Klamath National Forest
 Incident Meteorologist: *John Pendergrast*
 240-499-6649

WEATHER DISCUSSION: A slow moving upper low will drift closer to the Northwest coast through midweek. Expect partly cloudy and continued dry conditions through the rest of the week. A wind shift to north component is possible Thursday or Friday.

WEATHER FORECAST FOR TODAY (TUESDAY DAY SHIFT):

WEATHER: Partly cloudy. Becoming breezy and warm in the afternoon.
 WIND (EYE-LEVEL): **Valleys:** South to Southwest 5 to 10 mph becoming 10 to 15 mph. Higher gusts in aligned valleys.
Upper Slopes/Ridges: South to Southwest 10 mph increasing to 15 to 20 mph in the afternoon.
 MAX TEMPERATURES: 82 to 88F drainages, 68 to 76 ridges.
 MIN RH: 28 to 36% drainages, 45 to 55% ridges.
 LAL: 1 CWR: Less than 5%

FORECAST TONIGHT (TUESDAY NIGHT):

WEATHER: Partly cloudy. Limited Inversion... however warmer upper slopes.
 MIN TEMPERATURES: 48 to 58F.
 MAX RH: 90 to 100% drainages and 70 to 80 percent upper elevations.
 LAL: 1 CWR: 5%
 WIND (EYE-LEVEL): **Valleys:** South to Southwest winds 10 mph the evening... becoming downslope/valley 2 to 5 mph.
Upper slopes/Ridges: South to Southwest 10 to 15 mph.

WEATHER FORECAST FOR WEDNESDAY:

WEATHER: Partly cloudy. Continued dry. Breezy in the afternoon.
 WIND (EYE-LEVEL): **Valleys:** South to Southwest 5 mph early increasing to 10 to 15 mph in afternoon.
Ridges: South to Southwest 10 to 15 mph with afternoon gusts up to 20 mph.
 MAX TEMPERATURES: 80 - 86F drainages, 68 - 76 ridges.
 MIN RH: 30 to 40% drainages, 52 to 62% ridges.
 LAL: 1 CWR: Less than 5%

EXTENDED OUTLOOK THURSDAY THROUGH SATURDAY: Low pressure forecast to landfall Washington late Thursday or Friday. *Forecast remains low confidence*

WEATHER: THU: Partly cloudy. Warm and dry. Highs in the upper 70s to upper 80s.
 FRI-SAT: Highs in the upper 60s to upper 70s.
 WIND (EYE-LEVEL): **Valleys:** THU: West wind becoming Northwest 10 to 15 mph in the afternoon.
 FRI-SAT: North 10 to 15 mph FRI becoming Northeast 10 mph Saturday.
Upper slopes/Ridges: THU: West becoming Northwest 10 to 20 mph in the afternoon.
 FRI-SAT: North 10 to 15 mph becoming Northeast 10 to 15 mph higher gusts in afternoons.

MIN TEMPERATURES: 48 - 55F... warmest higher slopes and ridges. Cooler Friday and Saturday AM.
 MAX TEMPERATURES: 83 - 89F drainages, 68 - 78 ridges. 5 degrees cooler Friday and Saturday.
 MIN RH: THU 27 - 35% drainages, 35 - 45% ridges... RH Trend higher Friday then lower Saturday.
 MAX overnight RH: 85 - 95% drainages, 55 - 65% ridges... RH Trend little change.
 LAL: 1 CWR: Less than 5%

Sunrise Tuesday 0646 Sunset Tuesday 1945
 Sunrise Wednesday 0647 Sunset Wednesday 1943
 Moon Phase: Waning (3% visible)

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 56	TYPE OF FIRE: Wildland Fire
FIRE NAMES: Forks Complex	OPERATIONAL PERIOD: 0600 – 1800, Sept. 3, 2013
DATE ISSUED: September, 2, 2013	TIME ISSUED: 2000
UNIT: Klamath NF	SIGNED: /s/ Brian Ebert, FBAN(t)

INPUTS

WEATHER SUMMARY: *See attached Incident Meteorological Forecast*

Discussion: Upper level low continues to drift closer to the Northwest coast. Partly cloudy skies today with continued dry weather pattern.

Weather: Partly cloudy with warm and breezy conditions in the afternoon.

Max Temp: 82-88° drainages, 68-76° ridges

Min RH: 28-36% drainages, 45-55% ridges

Winds (eye-level): Valleys: SW 5 to 10 mph increasing to 10 to 15 mph; higher gusts in aligned valleys.

Ridges: S to SW 10 mph increasing to 15 to 20 mph in the afternoon.

FIRE BEHAVIOR

GENERAL

Yesterday's weather provided a break in previous days drying trend. Fuels generally have moistened back to below average conditions for this time of year and once again slowly begin to dry out today as weather conditions warm; similar fire activity of smoldering and creeping should occur today as what has been observed in previous shifts. Winds are having minimal effect on fire activity due predominately to sheltered fuels.

Probability of Ignition: 40%

Predicted ERC: 49 (50th percentile)

Branch I: In all Divisions (F, G, H, K, W) SW ridge top winds will have a minimal effect on areas still smoldering and creeping in Granite, Nordheimer, and China Creek drainages. The prominent North to South ridgeline is providing effective sheltering of winds to the burn area. Expect minimal smoldering of fire due to increased fuel moistures.

Divisions A, B, C: Minimal fire behavior expected. Fuels will continue to smolder in Nordheimer Creek.

Divisions R, T, Z (Salmon): Minimal fire activity is expected near containment lines; smoldering fire activity can be expected to continue within the interior of the burn area.



AIR OPERATIONS

09/02 Sunrise – 06:46

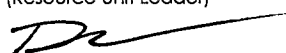
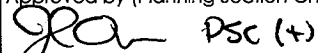
09/02 Sunset – 19:45


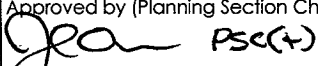
SAFETY



- When working interior areas of the fire watch for hazards such as fire-weakened trees, stump holes, rolling materials on steep slopes, etc.


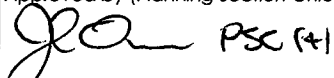
DIVISION ASSIGNMENT LIST			1. Branch I		2. Division/Group G/H - Butler		
3. Incident Name Forks Complex			4. Operational Period DAY OPERATIONS				
			Date: 09/03/2013		Time: 0600-1800		
5. Operations Personnel							
Operations Chief		Rick Young		Division/Group Supervisor		Heather McRae	
Branch Director		Daren Dalrymple		Air Operations Branch Director		Dennis Kuster	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
HC1 Klamath IHC (C-24)	Andy Zink	9/13	19	N	DP-44 / 0700	1800	
HC2IA Angora (C-25)	Ezra Butterfield	9/6	19	N	DP-44 / 0700	1800	
HC2IA Firestorm #6 (C-18)	Jimmy Ramirez	9/12	20	N	DP-44 / 0700	1800	
WFM Saguaro (O-219)	Jason Thivener	9/14	9	N	DP-44 / 0700	1800	
WFM Mt Hebron (O-245)	Erik Blankenship	9/13	10	N	DP-44 / 0700	1800	
ENG6 Oregon Woods (E-48)	Byran Sumpter	9/4	3	N	DP-44 / 0700	1800	
ENG5 Chewack #74 (E-52)	Jared Hodgson	9/6	3	N	DP-44 / 0700	1800	
TFLD (O-75)	Matt Lamb	9/3	1	N	DP-44 / 0700	1800	
SOF2 (O-227)	Charles Frank	9/12	1	N	DP-44 / 0700	1800	
FEMP (O-196)	Jody Hughes	9/12	1	N	DP-44 / 0700	1800	
FEMP (O-195)	Dave Bianco	9/12	1	N	DP-44 / 0700	1800	
REM Team	Bryan Hagan	9/12	4	N	DP-44 / 0700	1800	
7. Control Operations							
<ul style="list-style-type: none"> Continue mop-up to an optimal goal of 300' where accomplishment does not jeopardize personnel safety. Monitor fire spread east of Orleans Mt and Granite Creek drainage. 							
8. Special Instructions							
<ul style="list-style-type: none"> Red & white stripe and orange & white stripe flagging denote area of resource concern. Directions of resource concern will be written on the flagging. Coordinate with READs and DIVS to implement division specific suppression repair plan. Leave 2 pumpkins at DP50 and 1 pumpkin at H6. Leave hose lay and pumps from G/H break north for 1 mile. Back-haul all other excess equipment and trash. 							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 168.0750 TX 170.4250	CMD 1	1 Tone 3	Alternate Command	RX 162.1875 TX 172.5500	CMD 5	5 Tone 3
Tactical Division/Group	RX 166.7250 TX 166.7250	TAC 1	6 Tone 3	Air to Ground	RX 171.5375 TX 171.5375	A/G CMD	13
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time
D. Miller 			 PSC (4)			9/2/2013	20:50

DIVISION ASSIGNMENT LIST	1. Branch I	2. Division/Group W - Butler					
3. Incident Name Forks Complex	4. Operational Period DAY OPERATIONS						
Date: 09/03/2013		Time: 0600-1800					
5. Operations Personnel							
Operations Chief	Rick Young	Division/Group Supervisor	Jason Withrow				
Branch Director	Daren Darymple	Air Operations Branch Director	Dennis Kuster				
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
ENG6 NM #3062 (E-50)	Ray Ruiz	9/4	3	N	DP-20 / 0700	1800	
SOFR (O-107)	Ray Miller	9/4	1	N	DP-20 / 0700	1800	
7. Control Operations							
<ul style="list-style-type: none"> Mop up to an optimal goal of 300' where accomplishment does not jeopardize personnel safety. Monitor fire activity in upper Butler Creek. 							
8. Special Instructions							
<ul style="list-style-type: none"> Coordinate with DIVS to implement division specific suppression repair plan. Red and white stripe and orange and white stripe flagging denotes area of resource concern. Directions of resource concern will be written on the flagging. Leave hoselay from Somes Sling to DP6. Back-haul all other excess equipment, and trash. 							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 168.0750 TX 170.4250	CMD 1	1 Tone 3	Alternate Command	RX 162.1875 TX 172.5500	CMD 5	5 Tone 3
Tactical Division/Group	RX 168.2000 TX 168.2000	TAC 3	8	Air to Ground	RX 171.5375 TX 171.5375	A/G CMD	13
Prepared by (Resource Unit Leader) D. Miller <i>[Signature]</i>			Approved by (Planning Section Chief) <i>[Signature]</i> PSC(+)			Date 9/2/2013	Time 20:06

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group B/C – Butler		
3. Incident Name Forks Complex			4. Operational Period DAY OPERATIONS Date: 09/03/2013 Time: 0600-1800				
5. Operations Personnel							
Operations Chief		Rick Young		Division/Group Supervisor		Greg Jewers / Heather Munn (†)	
Branch Director				Air Operations Branch Director		Dennis Kuster	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader	Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
HC2IA Iron Mt. (C-26)		Rob Allen	9/13	23	N	DP-30 / 0700	1800
ENG6 Mt. Adams (E-339)		Paula Holter	9/7	3	N	DP-30 / 0700	1800
ENG6 Grayback #19 (E-365)		Telly Martinez	9/10	3	N	DP-30 / 0700	1800
ENG6 Inbound (E-366)		Adham Rowley	9/7	3	N	DP-30 / 0700	1800
ENG6 Eagle Cap (E-217)		Jeff Perry	9/7	3	N	DP-30 / 0700	1800
ENG6 A-Team (E-219)		Schin Haarensen	9/9	3	N	DP-30 / 0700	1800
ENG6 Eye of the Eagle (E-220)		Weston Simonis	9/4	3	N	DP-30 / 0700	1800
CHIP Diamond Fire (E-33)		Dwayne Moore / Harley Tyrie	9/3	2	N	DP-30 / 0700	1800
WT2 Glakeler (E-98)		Ryan Grable	9/9	1	N	DP-30 / 0700	1800
WT2 Lee Traynham (E-96)		Jason Peters	9/8	1	N	DP-30 / 0700	1800
HECM (O-250/251)		Nicholas Linfoot / Chris Ware	9/15	1	N	DP-30 / 0700	1800
FEMP (O-213)		James Farley	9/13	1	N	DP-30 / 0700	1800
FEMP (O-208)		Don Bliss	9/14	1	N	DP-30 / 0700	1800
FEMP (O-209)		Michael Garcia	9/14	1	N	DP-30 / 0700	1800
FEMP (O-214)		Ryan Schleiger	9/14	1	N	DP-30 / 0700	1800
READ (O-246)		Joe Svinarich	9/15	1	N	DP-30 / 0700	1800
7. Control Operations							
<ul style="list-style-type: none"> Patrol Salmon River Rd. Monitor fire activity in Nordheimer drainage. Mop up to an optimal goal of 300' where accomplishment does not jeopardize personnel safety. Initiate Fire suppression repair. 							
8. Special Instructions							
<ul style="list-style-type: none"> Coordinate with READs and DIVS to implement division specific suppression repair plan. Red & white stripe and orange and white stripe flagging denote area of resource concern. Directions of resource concern will be written on the flagging. Backhaul all hose, pumps, other excess equipment and trash. 							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 168.0750 TX 170.4250	CMD 1	1 Tone 3	Alternate Command	RX 162.1875 TX 172.5500	CMD 5	5 Tone 3
Tactical Division/Group	RX 168.0500 TX 168.0500	TAC 2	7	Air to Ground	RX 171.5375 TX 171.5375	A/G CMD	13
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time
D. Miller 			GRA PSC (†) 			9/2/2013	20:53

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group D - Butler		
3. Incident Name Forks Complex			4. Operational Period DAY OPERATIONS Date: 09/03/2013 Time: 0600-1800				
5. Operations Personnel							
Operations Chief		Rick Young		Division/Group Supervisor		Casey Boespflug	
Branch Director				Air Operations Branch Director		Dennis Kuster	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
HC2 North Pacific (C-69)	William Hughes	9/7	20	N	DP-30 / 0700	1800	
CHIP Firestorm (E-223)	John Chase / Evan King	9/7	2	N	DP-30 / 0700	1800	
EXCA North River (E-225)	Bill Parry	9/7	1	N	DP-30 / 0700	1800	
EXCA Peters (E-85)	Doug Franklin	9/16	1	N	DP-30 / 0700	1800	
HEQB (O-178)	Melanie Fullman	9/7	1	N	DP-30 / 0700	1800	
SOFR (O-226)	Larry Welsh	9/14	1	N	DP-30 / 0700	1800	
FEMP (O-211)	TJ Quadros	9/14	1	N	DP-30 / 0700	1800	
FEMP (O-210)	Jordan Russell	9/14	1	N	DP-30 / 0700	1800	
READ (O-121)	Roberto Beltran	9/12	1	N	DP-30 / 0700	1800	
READ (O-252)	John Johnson	9/16	1	N	DP-30 / 0700	1800	
7. Control Operations <ul style="list-style-type: none"> Continue repair operations 							
8. Special Instructions <ul style="list-style-type: none"> Coordinate with READs and DIVS to implement division specific suppression repair plan. Red & white stripe and orange and white stripe flagging denote area of resource concern. Directions of resource concern will be written on the flagging. Backhaul all hose, pumps, other excess equipment and trash. 							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 168.0750 TX 170.4250	CMD 1	1 Tone 3	Alternate Command	RX 162.1875 TX 172.5500	CMD 5	5 Tone 3
Tactical Division/Group	RX 166.5500 TX 166.5500	TAC 5	10 Tone 3	Air to Ground	RX 171.5375 TX 171.5375	A/G CMD	13
Prepared by (Resource Unit Leader) Duane Miller 			Approved by (Planning Section Chief) 			Date 9/2/2013	Time 20:06

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group R/T/Z - Salmon		
3. Incident Name Forks Complex			4. Operational Period DAY OPERATIONS				
			Date: 09/03/2013		Time: 0600-1800		
5. Operations Personnel							
Operations Chief		Rick Young		Division/Group Supervisor		Steve Raymer / Matt Lynde (t)	
Branch Director				Air Operations Branch Director		Dennis Kuster	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader		Last Shift	Number Persons	Trans. Needed	Pick Up PT./Time
HC1 Feather River IHC (C-66)		Robert Daniels		9/5	20	N	1800
HC2IA Mountaineers (C-21)		Tom Wesley		9/12	20	N	1800
ENG6 Young Logging (E-218)		Steve Rhea		9/4	3	N	1800
ENG6 CBD #7601(E-221)		Jay Flora		9/4	3	N	1800
SOF2 (O-43)		Jamie Munns		9/3	1	N	1800
FEMP (O-215)		Carlos Marin		9/14	1	N	1800
FEMT (O-218)		Joel Vervele		9/14	1	N	1800
Heritage Consultant (O-292)		Franklin Donahue		9/6	1	N	1800
Heritage Consultant (O-255)		Phil Tripp		9/3	1	N	1800
Heritage Consultant (O-169)		Albert Titus		9/7	1	N	1800
READ (O-140)		Terrah Owens		9/4	1	N	1800
READ (O-247)		Stephanie Caballero (t)		9/15	1	N	1800
7. Control Operations							
<ul style="list-style-type: none"> Continue to hold and mop up to an optimal goal of 300' where accomplishment does not jeopardize personnel safety. Initiate and continue repair operations as directed. 							
8. Special Instructions							
<ul style="list-style-type: none"> Coordinate with READS and DIVS to implement suppression repair plan in Division R. Backhaul all hose, pumps, other excess equipment and trash. Feather River Module to fly from McNeal Helispot to Salmon H-7 at 0900 							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 168.0750 TX 170.4250	CMD 1	1 Tone 3	Alternate Command	RX 162.1875 TX 172.5500	CMD 5	5 Tone 3
Tactical Division/Group	RX 167.1125 TX 167.1125	TAC 6	11 Tone 3	Air to Ground	RX 171.5375 TX 171.5375	A/G CMD	13
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time
D. Miller 			 PSC(+)			9/2/2013	20:06

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group Road Group - Butler			
3. Incident Name Forks Complex			4. Operational Period DAY OPERATIONS Date: 09/03/2013 Time: 0600-1800					
5. Operations Personnel								
Operations Chief		Rick Young		Division/Group Supervisor		John Fell		
Branch Director				Air Operations Branch Director		Dennis Kuster		
6. Resources Assigned this Period								
Strike Team/Task Force/ Resource Designator		Leader		Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
BUTLER								
GRD1 w/LOWB Darrah 779 (E-17)		Keith Darrah Sr.		9/15	1	N	DP2 / 0700	1800
WT2 Lee Traynham (E-101)		Jason Peter		9/3	1	N	DP2 / 0700	1800
WT2 Ken's (E-79)		Joe Terry		9/14	1	N	DP2 / 0700	1800
WT2 Darrah (E-7)		Wayne Verag		9/15	1	N	DP2 / 0700	1800
WT2 Cattlelack (E-77)		Nate Hivshman		9/3	1	N	DP2 / 0700	1800
PUMP (E-268)		Stan Drawyer		9/10	1	N	DP2 / 0700	1800
EQPM (O-52)		Cheryl Bales		9/5	1	N	DP2 / 0700	1800
SALMON								
GRADER w/LOWB Johnson (E-58)		Jack Hottendorf		9/14	2	N	DP2 / 0700	1800
WT2 White Logging (E-12)		Ray Gomes		9/3	1	N	DP2 / 0700	1800
WT2 Johnson (E-13)		Matt Johnson		9/11	1	N	DP2 / 0700	1800
EQPM (O-168)		Jason Beaubouef		9/8	1	N	DP2 / 0700	1800
EQPM (O-149)		Keith Beatty		9/6	1	N	DP2 / 0700	1800
7. Control Operations								
<ul style="list-style-type: none"> Maintain roads within Fire Perimeter 								
8. Special Instructions								
<ul style="list-style-type: none"> Overhead fill pump available at Methodist Creek for resources working on Butler perimeter. All relief drivers must check-in 								
9. Division/Group Communication Summary								
Function	Frequency	System	Channel	Function	Frequency	System	Channel	
Command	RX 168.0750 TX 170.4250	CMD 1	1 Tone 3	Alternate Command	RX 162.1875 TX 172.5500	CMD 5	5 Tone 3	
Tactical Division/Group	Use Tac Channel assigned to Division			Air to Ground	RX 171.5375 TX 171.5375	A/G CMD	13	
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time	
D. Miller 			 PSC (4)			9/2/2013	20:06	

INCIDENT RADIO COMMUNICATIONS PLAN			FORKS COMPLEX			Date/Time Prepared	Operational Period Date/Time
Incident Name			FORKS COMPLEX			09/02/13 1545 HRS.	DAY SHIFT 09/03/13 0600-1800
Channel Name			Assignment			Hand programmers accept all responsibility for the use of unauthorized frequencies.	
Ch #	Function	Channel Name	Assignment	RX Freq N or W	RX Tone	TX Freq N or W	TX Tone
1	COMMAND	CMD 1	ORLEANS LO	168.0750 N		170.4250 N	Tone 3 131.8
2	COMMAND	CMD 2	96 / 93 TRAVEL	170.4125 N		165.9625 N	Tone 3 131.8
3	COMMAND	CMD 3	AIKEN'S CAMP	163.0375 N		170.0250 N	Tone 3 131.8
4	COMMAND	CMD 4	ETNA / HELIBASE	164.7750 N		170.4625 N	Tone 3 131.8
5	COMMAND	CMD 5	ICP / Alt CMD	162.1875 N		172.5500 N	Tone 3 131.8
6	TACTICAL	TAC 1	DIV G / H	166.7250 N		166.7250 N	Tone 3 131.8
7	TACTICAL	TAC 2	DIV B / C	168.0500 N		168.0500 N	A
8	TACTICAL	TAC 3	DIV W	168.2000 N		168.2000 N	A
9	TACTICAL	TAC 4	UNASSIGN	168.6000 N		168.6000 N	A
10	TACTICAL	TAC 5	DIV D	166.5500 N		166.5500 N	Tone 3 131.8
11	TACTICAL	TAC 6	DIV R / T / Z	167.1125 N		167.1125 N	Tone 3 131.8
12			INACTIVE				A
13	AIR TO GROUND	A / G CMD	Air to Ground	171.5375 N		171.5375 N	A
14			INACTIVE				A
15	MEDIVAC	CALCORD	MEDICAL TACTICAL	156.0750 N		156.0750 N	Tone 6 156.7
16	URGENT AIR CONTACT	AIRGUARD	ALL DIVISIONS	168.6250 N		168.6250 N	Tone 1 110.9
Prepared by				Incident Location			
DON STONER COML NORCAL II				FORKS OF SALMON LAT: N 41 15.512 LONG W 123 19.668 ELEV, 1249 ft			
ROADS: Use tactical channel in assigned division							

Only frequencies listed on this 205 are authorized for use on this incident. **Hand programmers accept all responsibility for the use of unauthorized frequencies.**

Ch #	Function	Channel Name	Assignment	RX Freq N or W	RX Tone	TX Freq N or W	TX Tone	Mode	Remarks
				164.1750N		164.9750N	CG	A	
1	KNF DISPATCH	KNF	FOREST OPS	164.1750N		164.9750N	CG	A	ROUTINE TRAFFIC, T5 ORLEANS PK
2	KNF IA DISPATCH	KNF SAM	I / A RESOURCES	171.5000N		172.4000N	CG	A	TONES 5,6
3	KNF DISPATCH	KNF RIVER	FOREST OPS	172.2500 N		171.550 N	CG	A	TONES 2, 7 OR 10
4	SRF DISPATCH	SRF	FOREST OPS	168.7250N		170.1250N	CG	A	TONES 5,6,7 AND 13
5	HOOPA FIRE RPT	HIA	AS NEEDED	155.3850N		150.8050N	CG	A	
6	SISKIYOU DISPATCH	SKU-L 1	SKU OPS	151.3250 N		159.3600 N	CG	A	
7	HUMBOLT	HUU OPS	OPERATIONS	151.2500 N		159.4050 N	CG	A	
8	NIFC TAC 1	NIFC TC1	I / A TAC	168.0500 N		168.0500 N		A	
9	NIFC TAC 2	NIFC TC2	I / A TAC	168.2000 N		168.2000 N		A	
10	NIFC TAC 3	NIFC TC3	I / A TAC	168.6000 N		168.6000 N		A	
11	FS AIR / GND PRI	FS A/G PRI	ALL DIVISIONS	167.6000 N		167.6000 N		A	
12	FS AIR / GND SEC	FS A/G SEC	ALL DIVISIONS	166.8750 N		166.8750 N		A	
13	UNASSIGNED								UNASSIGNED
14	AIR TO GROUND	CDF A / G	AS NEEDED	151.2200 N		151.2200 N		A	
15	MEDICAL	CALCORD	MEDICAL TACTICAL	156.0750 N		156.0750 N	T6 156.7	A	
16	URGENT AIR CONTACT	AIRGUARD	ALL DIVISIONS	168.6250 N		168.6250 N	T1 110.9	A	

Prepared by: _____ Incident Location: _____
 MODE: A – ANOLOG, D – DIGITAL
 DON STONER COML NORCAL 2 FORKS OF SALMON LAT: N 41 15.512 LONG W 123 19.668 ELEV, 1249 ft

MEDICAL PLAN		1. INCIDENT NAME: FORKS COMPLEX		2. DATE PREPARED: 09/02/2013		3. TIME PREPARED: 1000		4. OPERATIONAL PERIOD 09/03/13 0600-1800					
5. INCIDENT MEDICAL AID STATIONS										PARAMEDIC			
MEDICAL AID STATIONS					LOCATION					YES	NO		
Frontline					ICP					X			
FEMP Bianco, & Hughes					Div G/H or as directed by safety and operations					X			
FEMP Scheiger & Garcia					Div B/C or as directed by safety and operations					X			
FEMP Farley & Bliss					Div B/C or as directed by safety and operations					X			
FEMP Quadros & Russell					Div D or as directed by safety and operations					X			
FEMP VerVeide & Marin					Div R/T/Z or as directed by safety and operations					X			
FEMP Burton					Scott Valley Helibase NPS H7PA					X			
REM 1 Hagan, Houtman					Div H or as directed by safety and operations					X			
6. TRANSPORTATION													
A. AMBULANCE (GROUND)										PARAMEDIC			
NAME			LOCATION			PHONE			YES	NO			
Arcata 4			ICP			Use command			X				
B. AMBULANCE (AIR)										PARAMEDIC			
NAME					LOCATION					YES	NO		
NPS H-7PA-Short Haul Capable 150' to 250'					Scotts Valley Helibase, Scott Valley, CA					X			
Kern County 408 Hoist Capable 300' NVG Capable					Willow Creek Airport					X			
CalFire 102- (Hoist) Daylight hrs only					Kneeland, CA						X		
REACH- (Non-Hoist)					3775 Flight Ave, Redding, CA 96003					X			
PHI Air Medical – (Non-Hoist) NVG Capable					1524 East St. Redding, CA 96001					X			
7. HOSPITALS													
NAME		ADDRESS		TRAVEL TIME		PHONE		TRAUMA		HELIPAD		BURN CENTER	
				AIR GRND				Yes No		YES NO		YES NO	
St. Joseph Hospital		2700 Dolbeer Eureka, CA N 40 47.08 / W 124 8.59		20min 2.5 H		(707) 445-8121 #2				X X			
Fairchild Medical Center		444 Bruce St. Yreka, CA N 41 43.13 / W 122 38.69		20min 2.5 H		(530) 841-6292				X X			
Mercy Medical Center Level II		2175 Rosaline Ave, Redding CA N 40 34.32 / W 122 23.7		50min 3 H		(530) 225-7201		X		X			
UC Davis Medical CTR Level I		2315 Stockton Blvd. Sacramento N 38 33.29' / W121 27.32'		50min 6.5 H		(916) 734-3790		X		X		X	
8. MEDICAL EMERGENCY PROCEDURES													
LINE EMERGENCY					CAMP EMERGENCY								
Crew Supervisor to contact Division Supervisor with complaint and location. Refer to injury protocol on the back of the 206.					Notify Forks Communications of Camp Emergency. Refer to injury protocol on the back of the 206.								
1) DIVS contacts:					Minor Injuries or illnesses								
<ul style="list-style-type: none"> • Line EMT (If available) • Communications Unit • Operations / Branch 					<ul style="list-style-type: none"> • Seek Aid directly at the Frontline Medical Unit, report all injuries or illnesses to supervisor 								
2) On scene DIVS, EMT, and Medical Unit Leader decide mode of transportation required.					Moderate to Severe Injuries or Illnesses								
3) Operations and Medical Unit will manage medical emergency with Communications.					<ul style="list-style-type: none"> • Contact Communications directly • Forks Communication will activate the EMS system • Forks Communication will notify Safety • Do not give name over Radio Communications 								
If a Medical/Medivac is needed be sure to Know the lat. and long. of the closest helispot													
9. PREPARED BY (MEDICAL UNIT LEADER) Jennifer Kraushaar, Patrick Young (T)					10. REVIEWED BY (SAFETY OFFICER – SOF2) Steve Davis								

Injury or Incident Communications Protocol

Time: _____ Date: _____ On Scene POC: _____

Declare: Medical Emergency _____ or Non-Emergency Medical _____

Number of injured: _____ Type of injury: _____

Patient Location: _____ Lat: _____ Long: _____ Elevation: _____

Best transport method: (see matrix below) Air Ambulance Ambulance Helicopter Vehicle

Any special equipment required: (SKED, Wheeled Stokes, Backboard, etc.) _____

Closest pick up point (DP, Helispot) _____

LOC _____ Resp. _____ Pulse _____ BP _____ Weight _____

Medical History/Allergies _____

On Scene Medic: _____

Air Transportation Triage

Coordinate with Air Ambulance on Cal-Cord (Ch: 15)

	Air Ambulance	Ground Transport
Mechanism	Struck by tree Fall of 10' or more Snake bite with pain and swelling Insect bite with shortness of breath Signs of heat stroke (hot, dry, disoriented) Burn Injury greater than 1% body area	Minor dehydration Cut or laceration with bleeding controlled Minor bites and Stings Minor burns
Area Injured	Significant Blunt or Penetrating Trauma to Head, Neck, Chest, Abdomen or pelvis Any Arm or Leg fracture	Minor blunt trauma Minor penetrating trauma Extremity sprains and strains
Symptoms	Disoriented Chest Pain or Shortness of Breath Weak or absent radial pulse Pale, cold and sweating	Alert and oriented No shortness of breath Good pulses

Medivac Sites (WGS 84 datum) use Degrees, Decimal Minutes (Lat 00° 00.000' – Long 00° 00.000')

Forks Camp - N 41°15.553 / W 123°19.650

DP- 34 Div. C- N 41°12.896 / W 123°16.759

H 11 – N 41°15.182 / W 123°18.963

DP-39 Div. E- N 41°10.847/ W 123°22.445

If air or ground ambulance is DELAYED:

DO NOT DELAY in Packaging and transporting the patient to rendezvous with the Ambulance.
Re-route EMS helicopter to rendezvous point as appropriate.

When declaring an "Incident within the Incident"

The closest DIVS or designee will respond to manage the incident. They are responsible for giving an accurate size up, ensuring scene safety, setting priorities and initiating an appropriate response. The closest Safety Officer and Line EMS will respond to the scene to assist. The Safety Officer will secure the site and begin initial investigation when situation is stabilized.

Lookouts
Communications
Escape Routes
Safety Zones

Forks Complex

Operation Period: 09/03/2013 Day Shift

Emphasis on Leadership

Crew Safety Is Dependent Upon Competent And Confident Leadership

Every Incident Supervisor Has The Responsibility To Confirm That Safe Practices Are Known And Observed

- **TAKE CHARGE** of assigned resources
- **MOTIVATE** crew members with a “can do” safety attitude
- **DEMONSTRATE INITIATIVE** by taking action in the absence of orders
- **COMMUNICATE** by giving specific instructions and asking for feedback
 - **SUPERVISE** at the scene of the action

MAJOR HAZARDS AND RISKS

STEEP TERRAIN COMPLACENCY FATIGUE	ROLLING MATERIAL DEHYDRATION BUCKET DROPS	HEAVY EQUIPMENT HAZARD TREES DRIVING
---	---	--

Be sure all elements of your safety plan are in place prior to engagement

Look Up, Look Down, Look Around During Mop Up

***Look Up:** Check the sky for any weather changes such as building or approaching thunderstorms, wind shifts or increasing in speed. Watch for air operations and water drops. Look for snags and the potential for rolling material.

***Look Down:** Watch your footing. Keep an eye out for snakes, bee’s nests, Stump holes, and ash pits.

* **Look Around** Check for flagging identifying hazards in the area, and general terrain features. Keep an eye on fellow firefighters for signs of heat stress and fatigue.

MOUNTAIN DRIVING

Driving presents one of the greatest risks faced by personnel on this incident. Drive defensively at appropriate speeds that allow you to react to meeting the unexpected. Be able to stop your vehicle within one half of the visible distance on blind curves. Driving demands your full attention. Pull off the road in a safe location when placing or receiving a cell phone call. Chock vehicles parked on slopes. Use backers whenever available.

Maintain Situational Awareness at all times behind the wheel!

INCIDENT RISK ANALYSIS
Forks Complex
(ICS 215A) Day Shift

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES	
ALL	DRIVING HAZARDS	<ul style="list-style-type: none"> • Narrow dusty roads exist. • Establish one-way traffic or coordinate traffic flow if necessary. • Drive defensively! Expect the unexpected around every curve. • Drive with headlights on; use chock blocks, keep windshields clean; look before backing; and use backers whenever available. • Don't drive when fatigued. Adhere to agency driving regulations and guidelines. • Use care when traveling on Highways 96, 93 and Sawyers Bar Road. 	
ALL	HAZARD TREES AND SNAGS	<ul style="list-style-type: none"> • Scout work area for overhead hazards to ensure safe work areas. • Identify and communicate hazard to personnel. Mitigate using qualified personnel only. • Re-assess the need to eliminate the hazard by felling if it is feasible to keep personnel away. • If unable to mitigate hazard, Flag Off area, communicate the location & keep personnel away. 	
ALL	CUMMULATIVE FATIGUE	<ul style="list-style-type: none"> • Monitor crews for signs of fatigue: poor decision making, easily distracted, reduced situational awareness. • Ensure you & your crews receive adequate rest, nutrition & hydration. Take frequent breaks, drink plenty of fluids and snack often throughout your shift to keep your body re-fueled. 	
ALL	COMMUNICATIONS	<ul style="list-style-type: none"> • Share your Situational Awareness (hazards, changes, etc.) to those who also have a need. • Answer questions when asked by others. Ask for intel if and when you don't know the plan. • Ensure all personnel are familiar with the incident and IA communications plans. 	
Salmon River Rd & Sawyers Bar Rd	DEBRIS AND ROCK SLIDES	<ul style="list-style-type: none"> • Any amount of rain will cause loosening of Soils, Rocks, and Trees due to Burn Scar. • Expect debris/rocks in roadways as you travel. Expect the unexpected around every curve. • Notify your supervisor if you find debris blocking or limiting access on any road. 	
ALL	ENVIRONMENTAL HAZARDS	<ul style="list-style-type: none"> • Keep alert for wildlife, insects, and plants. Watch footing and hand placement around rocks. • Keep food out of tents and from around sleeping areas to prevent wildlife night visits. • Personal hygiene is #1 when it comes to Poison Oak Prevention. 	
ALL	EXTREMELY STEEP TERRAIN AND ROLLING MATERIAL	<ul style="list-style-type: none"> • Concentrate on your footing placement; take your time. • Ensure adequate spacing between crewmembers so they can react to dislodged debris. • Post lookouts to warn of rolling debris. SHOUT out to warn others. • Look Up, Down and Around Frequently. 	
DIV G/H, W, B/C, T/Z	MOP UP	<ul style="list-style-type: none"> • Conduct thorough briefing for all personnel (inside rear cover IRPG). • Use All PPE, including eye protection. • Maintain proper spacing and overhead clearance. • Be alert for stump holes and root cavities. • Minimize exposure to smoke, and rotate personnel into clean air when practical. • Evaluate unburned islands/increase situational awareness. 	
ALL	HYDRATION	<ul style="list-style-type: none"> • Pre-hydrate, Re-hydrate to keep from becoming dehydrated. • Dehydration is PREVENTABLE. • Be alert for signs of heat illness in yourself and others. • Drink 2 to 1 water to sports drinks. 	
DIV D	HEAVY EQUIPMENT	<ul style="list-style-type: none"> • Utilize appropriate PPE and equipment safety mechanisms. • Maintain safe working distances. • Utilize observer or spotter. • Ensure the use of effective communication (radio, hand signals). 	
DIV B, C, D	CHIPPER OPERATIONS	<ul style="list-style-type: none"> • Ensure JHA is provided and signed by operators. • Only qualified personnel will feed the chipper. • Ensure appropriate PPE is used including eye and hearing protection. 	
DIV B, C, D G, H, T, W, Z	AIRCRAFT OPERATIONS	<ul style="list-style-type: none"> • Keep personnel out of drop zones when bucket work in progress. • Use air-to-ground frequency to communicate with aircraft. • Use clear, concise statements when directing aircraft. Use clock directions from pilot's perspective. 	
INCIDENT NAME: Forks Complex ICS 215a	DATE PREPARED: <p style="text-align: center;">September 2, 2013</p>	OPERATIONAL PERIOD Day Shift 09/03/13 0600-1800 Prepared by: S. Davis, S. Charley , T. O'Connell SOF2	
	TIME PREPARED: 1730 HOURS		

AIR OPERATIONS SUMMARY

Prepared By: Dennis Kuster

Prepared Date: 9/2/2013

Prepared Time: 21:30

1. INCIDENT NAME: Forks Complex	2. OPS PERIOD DATE: 9/3/2013	START TIME: 0800	END TIME: 2100	SUNRISE: 0641	SUNSET: 1943
3. REMARKS (Safety Notes, Hazards, Air Operations, Special Equipment, etc.): Watch for wires in the Salmon river canyon. Beware of rapidly changing VFR conditions due to smoke and Wx Avoid no-fly zone over Klamath and Salmon river confluence unless unsafe. Helipwell Coordinates 41° 10.840 123° 22.445 Same as DP 39.					
4. READY ALERT AIRCRAFT MEDEVAC- 502 I.A. -502		5. TFR #: 3/2233 Altitude: 11,000' MSL Frequency: 120.0250			

6. PERSONNEL	NAME	PHONE #	7. FREQUENCIES	AM	FM	8. FIXED-WING- Type/ Make-Model/ N#/ Base
AOBD	Dennis Kuster	209-352-0855	AIR/ AIR FW	120.0250		AIRTANKERS - Order as needed
ASGS	Staci Dickson	530-277-5153	AIR/ AIR RW	132.2750		LEAD PLANES- Order as needed
ATGS	RJ Estes	520-507-3350	AIR/ AIR RW- FF		163.1500	ATGS AIRCRAFT- AA1176Z H507
ATGS			AIR/ GROUND		171.5375	
HEB1	Joel Torres	530-598-9323	COMMAND	rx	168.0750	
Helipwell	Nicholas Linfoot			tx	170.4250 t-3	
Scott Valley Helibase	Phone	530-468-1294	DECK		163.100	
Helibase	FAX	530-468-2118	TOLC			OTHER FW AIRCRAFT-

9. HELICOPTERS (Use Additional Sheets as Necessary)

FAA N#	T	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	FAA N#	T	MAKE/ MODEL	BASE	AVAIL	START	REMARKS
H-503	3	Bell 407	Scott Vly	0700				Y					
H-502	2	Bell 205	Scott Vly	0700									
H507	2	Bell 209	Scott Vly	0700									
5BH	1	S70	Scott Vly	0700									

10. TASK/ MISSION/ ASSIGNMENT (Type/ function includes: Air Tactical, Retardant, Recon, Personnel Transport, Bucket Operations, SAR, etc.)	MISSION START	FLY FROM	FLY TO
Water Dropping	As Needed		
Recon	As Needed		
Crew Transport	0900	H11 (McNeal)	H7 Salmon fire
Cargo	As Needed		



M.I.S.T. GUIDELINES (SRF – KNF – SHF)

MINIMUM IMPACT SUPPRESSION TECHNIQUES

Wilderness areas are areas that are protected by law and are managed to preserve their natural conditions for present and future generations. The following Minimum Impact Suppression Techniques (MIST) are guidelines intended to significantly reduce the impacts associated with fire suppression and incident management activities in Wilderness areas.

SAFETY

Safety is of paramount importance. Incident personnel should constantly be aware of their surroundings and the Eight Principles of Safety, the 10 Standard Firefighting Orders and the 18 Watchout Situations when applying MIST techniques.

LINE OPERATIONS

- Use natural barriers, wet line or cold trail techniques, rather than constructing line. Consider burnout from natural barriers to minimize line construction.
- When constructed line is necessary, use the minimum width, depth and canopy clearance necessary to check fire spread, based on fire behavior. Locate line to minimize impacts. Consider use of fireline explosives for line construction.
- Do not put line construction debris in streams.

GREEN TREES, BURNED TREES AND SNAGS

- Scrape around tree bases near fireline if hot and likely to cause fire spread.
- Inside fireline: remove or limb only those fuels that if ignited would have potential to spread fire outside the fireline.
- Identify hazardous trees with an observer or flagging.
- Use Saw Use guidelines.

SAW USE

- Minimize the amount of cutting.
- Live trees will not be cut, unless it is determined they will cause fire spread across the fireline or endanger workers or the public.
- Slope/angle saw cuts away from line of sight to minimize visual impacts. Rub dirt or ash on stumps and log ends to camouflage them. Do not crosshatch/etch.
- If trees must be felled inside the line, do not limb or buck them. Allow the fire to consume them.

INDIRECT ATTACK

- Do not fall snags on the intended unburned side of the constructed fireline, unless they are safety hazard to crews or the public.
- On the unintended burn-out side of the line, fall only those snags that would reach the fireline should they burn and fall over.
- Consider alternative means to falling, i.e., fireline explosives, bucket drops.
- Consider all items in Section B, the Fire Line Phase.

AIR OPERATIONS

- Limit the use of retardant. Use water drops (preferred) or foam instead. When foam or retardant use is appropriate, avoid dropping near surface water.

HELISPOT CONSTRUCTION

- Minimize the number of helispots constructed in Wilderness.
- Evaluate carefully whether it is necessary to construct a helispot or whether an alternative outside Wilderness can be used.
- If a helispot is only needed for logistical support to deliver and retrieve supplies or gear, consider using a long line remote hook in lieu of constructing a helispot. If a helispot is needed for crew shuttle, consider the minimum size helicopter that could do the job and still meet suppression objectives.
- Use natural openings as much as possible. If some tree falling or cribbing is necessary, avoid high visitor use locations unless the modifications can be rehabilitated to be generally unnoticeable. Feather the opening so that it appears more natural looking.
- Whenever possible, the Resource Advisor should provide specific instructions and observe the construction of helispots.
- Naturalize helispots before abandoning

SPIKE CAMPS AND CAMP ACTIVITIES

- Camps and other facilities will be located outside of wilderness whenever possible.
- A Resource Advisor will be consulted prior to establishing spike camps and use will be discontinued if resource damage occurs.

MOP-UP PHASE

- Cold trail rather than scraping or digging whenever possible to detect hot areas.
- Roll or drag fuels into the interior and allow them to burn out, rather than mopping them up and roll logs rather than bucking.
- Pull hot material away from the bases of trees, rather than felling them.
- Remove or limb only those fuels that if ignited, have potential to spread outside the fireline.

PERSONAL CONDUCT

Leave No Trace – Pack it in - Pack it out

Confirmed approval for use of mechanized equipment – Chainsaws / Helicopter Use

The 5-D System for Effective Waterbars

When locating and building waterbars, place them the right **distance** apart, at a **diagonal** to the fireline, so that they **divert**, then **discharge**, then **dissipate** the energy of the flowing water. Be sure to make them deep enough so they'll be durable, and that soil does **not block** the water bar outlet.

Recommended spacing for waterbars on firelines.

Fireline slope %	Maximum Distance Apart (feet)
1-5	200
6-20	125
21-40	60
41-60	40
>60	25

Waterbars should be at least 2 pulaski widths (4-6 inches) wide and 12-24 inches high for handlines.

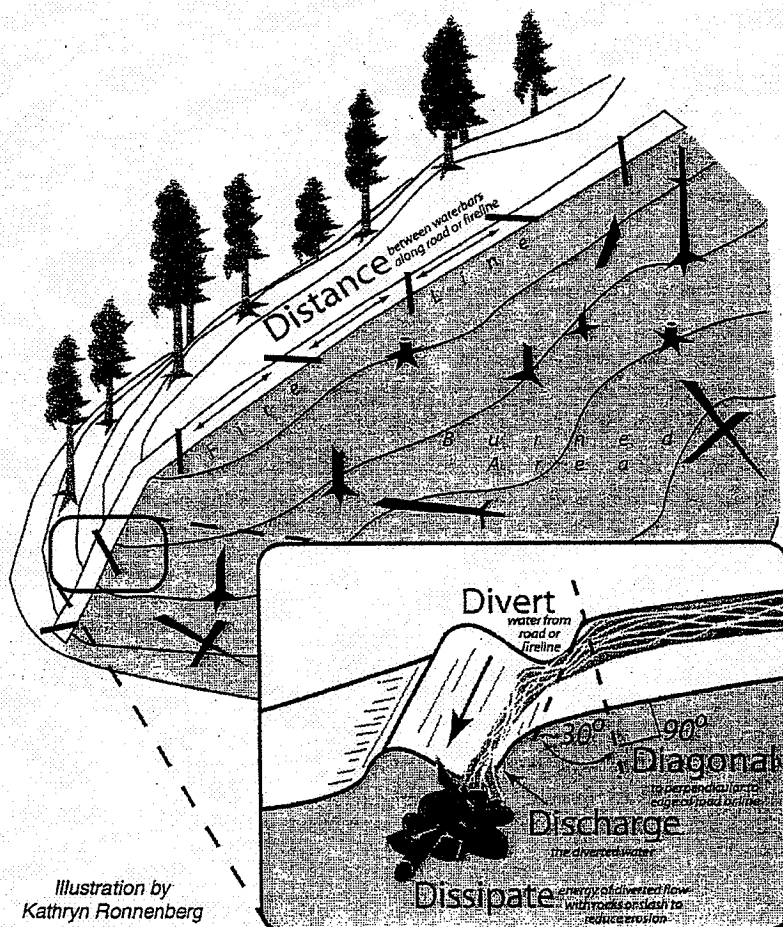


Illustration by
Kathryn Ronnenberg

TRAINING SPECIALIST MESSAGE

All open training packages must be "closed out" with the Training Specialist, prior to demob in order to receive incident credit for your assignment.

The TNSP desk is in the ICP - and is located in the ICP adjacent to Check-in.

Brad Smith
Training Specialist

PENDING DEMOBS

IF YOU ARE ON THIS LIST SEE OR CALL DEMOB RIGHT AWAY IF YOU ARE FLYING AND HAVE NOT YET MADE YOUR TRAVEL ARANGMENTS WITH DEMOB.

09/03/2013

O-342	(PTRC)	SCHLUMPH, ERIC
O-46	(SOFT)	WEINELL, MATTHEW WADE
O-47	(RADO)	BORELLI, DAVID MICHAEL
O-103	(RADO)	FILLMORE, HELEN M
O-108	(FEMP)	MALLETT, MIKE
O-109	(FEMP)	DOTY, DAVIS
O-110	(FEMP)	WILCOX, COX
O-111	(FEMP)	OWEN SCOTT
O-123	(FEMT)	CONN, BRIAN
O-160	(SECM)	KNOTT, JEFFREY
O-197	(READ)	TANORI, ERNESTO
O-198	(READ)	BRYANT, DUSTIN L
O-19	(FDUL)	BAKER, REBECCA A
O-321	(STEN)	JONES JAMES
O-322	(STEN)	CARTER, WALT
O-384	(HEQB)	VANCE, WILLIE T
O-432	(SECM)	NOLDE, JASON T
O-102	(PIO2)	HUBRIGH, T RUSSELL P
E-282	(ENG3)	CHAMPION/MTR (ST#3)
C-68	(HC2)	CREW-T2IA-TALLAC
C-5	(CC)	CREW-CAMP-SACRAMENTO 1

09/04/2013

O-43	(SOF2)	MUNNS, JAMIE MARK
O-75	(TFLD)	LAMB, MATTHEW
O-99	(PIO2)	BEAVANS, GWEN
O-174	(RADO)	CHRISMER, FRANK
O-363	(DPRO)	HARLAN, SCOTT
O-367	(SCKN)	PADILLA, JUAN C
O-107	(SOFR)	MILLER, RAY E
O-93	(GISS)	MARSH, ANGELA M
O-174	(RADO)	CHRISMER, FRANK
O-126	(PIO2)	WAHLERS, DENNIS
C-6	(CC)	CREW-CAMP-GREENWOOD 2

09/05/13

O-114	(HLCO)	PALMER, WILLIAM HOWARD
O-134	(SEC2)	ZAFFARANO, SKY
O-140	(READ)	OWENS, TERRAH M
E-48	(ENG6)	OREGON WOODS
E-50	(ENG6)	GONZALEZ
E-218	(ENG6)	ENGINE-T6-016-BRUCE YOUN
E-221	(ENG6)	ENGINE-T6-CBD7601

