

Ruth Incident
Incident Action Plan
September 29th, 2011 0700 - 2000



- **Be aware of and on the lookout for heavy equipment operations.**
- **Be aware of hazard trees and snags.**
- **Make sure that if you are working around the chipping operations you have read and understood the JHA.**
- **PPE – Have it and use it!**

CA - SRF – 001848
P5GG2W (0510)
Six Rivers National Forest
Northern California Team 1

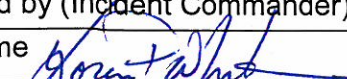
Ruth Incident
Incident Action Plan
September 29th, 2011 0700 - 2000



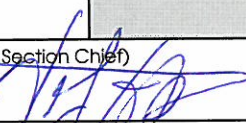
- **Be aware of and on the lookout for heavy equipment operations.**
- **Be aware of hazard trees and snags.**
- **Make sure that if you are working around the chipping operations you have read and understood the JHA.**
- **PPE – Have it and use it!**

CA - SRF – 001848
P5GG2W (0510)

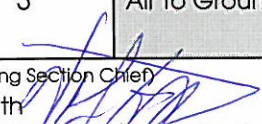
Six Rivers National Forest
Northern California Team 1

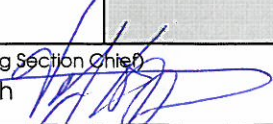
INCIDENT OBJECTIVES		1. Incident Name		2. Date Prepared		3. Time Prepared	
ICS 202		Ruth Incident		09/28/2011		1800	
4. Operational Period							
09/29/11 Day Shift 0700 – 2000							
5. General Control Objectives for the Incident (include alternatives)							
<ol style="list-style-type: none"> 1. Provide for firefighter and public safety through application of the risk management process. 2. Protect private property and infrastructure. Continue fire suppression damage repair and removal of hazards. 3. Mop-up all slopovers and spots 100%. Hold fire within established perimeter. 4. Protect sensitive habitat and species and known archeological sites. 							
6. Weather Forecast for Period							
See attached spot weather forecast							
7. General Safety Message							
8. Attachments							
x	Organization List-ICS 203	x	Air Ops Plan ICS-220	x	Fire Weather Forecast		
x	Division Assignment List-ICS 204	x	Incident Map	x	Fire Behavior Forecast		
x	Communications Plan-ICS 205		Traffic Plan		Unit Log ICS-214		
x	Medical Plan-ICS 206	x	Safety Message	x	Rehab Standards		
9. Prepared by				10. Approved by (Incident Commander)			
Dave Sinclear				Paul Whitcome 			

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. Incident Name Ruth Incident		Operations Day Repair	Alec Lane / Aaron Schuh (T) Robin Wills
2. Date September 28, 2011	3. Time 1700	Planning OPS	Bob Patton / Curtis Coots (T)
4. Operational Period September 29, 2011 0700 - 2000		a. Branch 1 - Division/Groups	
Position	Name	Branch Director	
		DAY	9/29
5. Incident Commander and Staff		Division/Group A	Mark Vardanega / Jesse Knox (T)
Incident Commander	Paul Whitcome	Division/Group B	Dustin Mueller / Rob Brown (T)
Deputy	Mike Minton	Division/Group M	Chris Stevens / Tim Memmer (T)
Safety Officer	Jeff Barnhart / Michele Tanzi Jim Mackensen	Division/Group Z	Paul Johnson / John Martenez (T)
Information Officer	Yvonne Jones / Phyllis Swanson	Division/Group A/B Repair	Robin Wills
Liaison Officer	Kent Swartzlander	Structure Group	
6. Agency Representative		b. Branch 2 - Division/Groups	
Agency Admin	Tom Hudson	Branch Director	
Resource Advisor	Dan Dill	NIGHT	
Cal Fire Rep	Fred Flores / Bob Ellis	Division/Group A	Unstaffed
Trinity County	Bruce Haney, Sheriff	Division/Group B	Unstaffed
Trinity County	Wendy Otto, Board of Supervisors	Division/Group M	Unstaffed
Shasta-Trinity NF Rep	Larry Hayes	Division/Group Z	Unstaffed
7. Planning Section		Division/Group	
Chief	Valery Lambeth	Division/Group	
Deputy	Dave Sinclear	Division/Group	
Resources Unit	Lou Ann Charbonnier	Division/Group	
Situation Unit	Chris Wikeen / Walter Herzog (T)	Division/Group	
Documentation Unit	Kandee Kirkman	c. Branch III - Division/Groups	
Demobilization Unit	Gary Deboi	Branch Director	
Technical Specialists		Deputy	
Human Resources		Division/Group	
Training	Dominic Panno	Division/Group	
CTSP	George Steel	Division/Group	
GIS	Kyle Felker / Matt Dickinson	Division/Group	
FBAN	John Wood (T)	Division/Group	
IMET	Jeff Tonkin	d. Air Operations Branch	
8. Logistics Section		Air Operations Branch Director	
Chief	Paul Montgomery	Air Attack Supervisor	Dan White
Deputy	Mike Jellison	Air Support Supervisor	Steve Beall
Supply Unit / Ordering	Chris Richins/Ron Pierce	Helicopter Coordinator	
Facilities Unit	Jeff Huhtala / Frank DelCarlo	Air Tanker Coordinator	
Ground Support Unit	Harry Zabel / Ken Kumpe (T)	10. Finance Section	
Communications Unit	Rick Cartoscelli / Phil Shafer	Chief	Jo Ann Hereford
Medical Unit	Josh Ramey/Matt Brown (T)	Chief Mentee	Rachel Corkill
Receiving & Distribution	Fred Johnson	Time Unit	
Security Unit	Sandra Inman	Procurement Unit	
Food Unit	Jay Westlake	Compensation/Claims Unit	Debbie McIntosh
		Cost Unit	Rachel Corkill (T)
		Prepared by (Resource Unit Leader) L. Charbonnier	

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group A			
3. Incident Name Ruth Incident			4. Operational Period Date: 09/29/11 Time: Day Shift 0700 - 2000					
5. Operations Personnel								
Operations Chief		Alec Lane/Robin Wills Aaron Schuh (T)		Division/Group Supervisor		Mark Vardanega/Jesse Knox (T)		
Planning Ops		Bob Patton / Curtis Coots (T)		Air Attack Supervisor No.				
6. Resources Assigned this Period								
Strike Team/Task Force/ Resource Designator	Leader		Number Persons	Trans. Needed	Drop Off PT./Time		Pick Up PT./Time	
Mad River #4 Type 2IA	Tad Hair		20	N	Per DIVS		Per DIVS	
SRF Engine 41	Zac Freiwald		5	N	Per DIVS		Per DIVS	
BLM Engine 3233	Leif Larson		5	N	Per DIVS		Per DIVS	
SHF Engine 12	Andy Thorne		5	N	Per DIVS		Per DIVS	
7. Control Operations - Patrol structures in Division A and Z . Mop-up and fall fire weakened trees within 300' of division perimeters and structures. - Remove public safety hazards.								
Special Instructions: - Backhaul all excess hose, equipment and garbage.								
Function	Frequency RX	Frequency TX	Channel	Function	Frequency RX	Frequency TX	Channel	
Command NIFC C-2	168.1000 N	168.1000 N	1	Command NIFC C-2 RPT	168.1000 N	170.4500 N	2 Tone 2 123.0	
Tactical Div/Group	167.1125 N	167.1125 N	4	Air to Ground	168.5750 N	168.5750 N	12	
Prepared by (Resource Unit Leader) L. Charbonnier			Approved by (Planning Section Chief) Valery Lambeth 			Date 09/28/11		Time 1800

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group B			
3. Incident Name Ruth Incident			4. Operational Period Date: 09/29/11 Time: Day Shift 0700 - 2000					
5. Operations Personnel								
Operations Chief		Alec Lane/Robin Wills Aaron Schuh (T)		Division/Group Supervisor		Dustin Mueller / Rob Brown (T)		
Planning Ops		Bob Patton / Curtis Coots (T)		Air Attack Supervisor No.				
6. Resources Assigned this Period								
Strike Team/Task Force/ Resource Designator	Leader		Number Persons	Trans. Needed	Drop Off PT./Time		Pick Up PT./Time	
Eagle Lake Type 2IA	Joe Milligan		19	N	Per DIVS		Per DIVS	
Elk Mountain IHC	Donovan Lee		19	N	Per DIVS		Per DIVS	
PNF Engine 23	Clayton Beck		5	N	Per DIVS		Per DIVS	
PNF Engine 30	Michael Wells		5	N	Per DIVS		Per DIVS	
Paramedic	Bill Grizzell		1	N	DP 2		DP 2	
EMT-B	Nathan Menth		1	N	DP 2		DP 2	
7. Control Operations								
- Hold and secure line.								
- Mop-up 150' in and fall fire weakened trees within 300' of the line.								
Special Instructions:								
- Backhaul all excess hose, equipment and garbage.								
Function	Frequency RX	Frequency TX	Channel	Function	Frequency RX	Frequency TX	Channel	
Command NIFC C-2	168.1000 N	168.1000 N	1	Command NIFC C-2 RPT	168.1000 N	170.4500 N	2 Tone 2 123.0	
Tactical Div/Group	166.7250 N	166.7250 N	6	Air to Ground	168.5750 N	168.5750 N	12	
Prepared by (Resource Unit Leader) L. Charbonnier			Approved by (Planning Section Chief) Valery Lambeth			Date 09/28/11		Time 1800

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group Z		
3. Incident Name Ruth Incident			4. Operational Period Date: 09/28/11 Time: Day Shift 0700 - 2000				
5. Operations Personnel							
Operations Chief		Alec Lane Aaron Schuh (T)		Division/Group Supervisor		Paul Johnson / John Martinez (T)	
Planning Ops		Bob Patton / Curtis Coats (T)		Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time		
Happy Camp 2 T2 IA	Damon McCarthy	20	N	Per DIVS	Per DIVS		
Salyer T2 IA	Josh Eichamer	14	N	Per DIVS	Per DIVS		
Beckwourth T2-IA	Luis Gomez	20	N	Per DIVS	Per DIVS		
S/T 3600C	Chris Schroeder/H. Stoner(T)	27	N	Per DIVS	Per DIVS		
SRF WT 35	Kirby Bennett	1	N	Per DIVS	Per DIVS		
SOF2	Steve Femmel	1	N	Per DIVS	Per DIVS		
Paramedic (Share w/ DIV M)	DJ Cline	1	N	DP 3	DP 3		
EMT-B (Share w/ DIV M)	James Arevalo	1	N	DP 3	DP 3		
7. Control Operations - Hold and secure line. - Mop-up 150' in and fall fire weakened trees within 300' of the line							
Special Instructions: - Backhaul all excess hose, equipment and garbage							
Function	Frequency RX	Frequency TX	Channel	Function	Frequency RX	Frequency TX	Channel
Command Direct	168.1000 N	168.1000 N	1	Command Repeat	168.1000 N	170.4500 N	2 Tone 2 123.0
Tactical Div/Group	168.0500 N	168.0500 N	3	Air to Ground	168.5750	168.5750	12
Prepared by (Resource Unit Leader) L. Charbonnier		Approved by (Planning Section Chief) Valery Lambeth 			Date 09/28/11		Time 1800

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group A/B Repair			
3. Incident Name Ruth Incident			4. Operational Period Date: 09/29/11 Time: Day Shift 0700 - 2000					
5. Operations Personnel								
Operations Chief		Robin Wills - Repair Alec Lane/Aaron Schuh (T)		Division/Group Supervisor				
Planning Ops		Bob Patton / Curtis Coots (T)		Air Attack Supervisor No.				
6. Resources Assigned this Period								
Strike Team/Task Force/ Resource Designator	Leader		Number Persons	Trans. Needed	Drop Off PT./Time		Pick Up PT./Time	
Fortuna 22 T2	Wayne Escobar		20	N	Per DIVS		Per DIVS	
SHF Engine 41	Zac Freiwald		5	N	Per DIVS		Per DIVS	
WT S. Trinity VFD 5143 (E-68)	Steve Line		1	N	Per DIVS		Per DIVS	
Mad River Chipper	Gary Lawhead		1	N	Per DIVS		Per DIVS	
Dillon Const. Grader (E-88)	Lyn Dillon		1	N	Per DIVS		Per DIVS	
Ken's Excavator T2 (E-89)	TBA		1	N	Per DIVS		Per DIVS	
7. Control Operations								
Special Instructions: - Rehab dozer lines around structures. - Chipper work along road systems as warranted. - Remove public safety hazards.								
Function	Frequency RX	Frequency TX	Channel	Function	Frequency RX	Frequency TX	Channel	
Command NIFC C-2	168.1000 N	168.1000 N	1	Command NIFC C-2 RPT	168.1000 N	170.4500 N	2 Tone 2 123.0	
Tactical Div/Group	167.1125 N	167.1125 N	4	Air to Ground	168.5750 N	168.5750 N	12	
Prepared by (Resource Unit Leader) L. Charbonnier			Approved by (Planning Section Chief) Valery Lambeth 			Date 09/28/11		Time 1800



Ruth Incident Weather Forecast



FORECAST NO: 4 D
 PREDICTION FOR: Thursday Day Shift
 SHIFT DATE: Sep 29th, 2011
 FORECAST ISSUED: 1800 Sep 28th, 2011

NAME OF FIRE: Ruth Fire
 UNIT: SRF Mad River RD
 Incident Meteorologist: Jeff Tonkin

WEATHER DISCUSSION:

A ridge of high pressure will maintain warm and dry conditions today. Stronger south and southwest winds are expected today...especially along Southfork Ridge and accompanying upper slopes. Still expecting a wet week beginning Monday with widespread wetting rain on Tuesday. The remainder of the week looks cool and moist with occasional bouts of light rain.

WEATHER FORECAST TODAY (THURSDAY DAY SHIFT):

WEATHER: Sunny.

MAX TEMPERATURES: Mad River Drainage: 88 – 93 Southfork Ridge: 72 to 77
 MIN HUMIDITY: Mad River Drainage: 14 – 19% Southfork Ridge 20 – 26%.

WINDS (EYE LEVEL):

RIDGETOP - East and Northeast 2 to 4 mph...gusts to 7 mph until 0900 PDT...then south and southwest 7 to 12 mph...gusts 16 to 22 mph after 1300 PDT.

VALLEY - Light and variable until 1000 PDT...Then south and southwest or upslope 6 to 9 mph in the afternoon...gusts 10 to 14 mph.

STABILITY / INVERSION: Stable. Morning valley inversion near 3500 ft until 1000 PDT.

WEATHER FORECAST THURSDAY NIGHT:

WEATHER: Clear.

MIN TEMPERATURES: 45-50.

MAX HUMIDITY: 80-90%.

WINDS (EYE LEVEL):

RIDGETOP - South and Southeast 3 to 6 mph...gusts 10 to 14 mph.

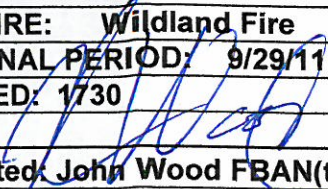
VALLEY - South and Southwest 2 to 4 mph.

OUTLOOK FOR FRIDAY: Partly Cloudy and slightly cooler. Max Temps: 82 to 86. Min RH: 20-26%
 Wind: South and Southwest 6 to 10 mph...gusts to 20 mph after 1400 PDT.

EXTENDED FORECAST FOR SATURDAY THROUGH MONDAY: Saturday and Sunday partly Cloudy cooler and more moist...30% chance of showers. Monday...wetting rain likely (70% of 0.25 inch).

<u>Observations from Yesterday (Wednesday)</u>			
	<u>Max T</u>	<u>Min RH</u> <u>Wind Dir.</u>	<u>Wind Speed / Gust</u>
Ruth RAWS (2700 ft) :	92	17%	SW 3-6 mph / none

FIRE BEHAVIOR FORECAST

FORECAST NUMBER:	TYPE OF FIRE: Wildland Fire
FIRE NAME: Ruth	OPERATIONAL PERIOD: 9/29/11 0700 - 1900
DATE ISSUED: 9/28/11	TIME ISSUED: 1730
UNIT: Six Rivers N.F.	SIGNED: 
Typed/printed: John Wood FBAN(t)	

INPUTS

WEATHER SUMMARY: See attached fire wx forecast.

OUTPUTS

FIRE BEHAVIOR

GENERAL:

Relative humidity recovery has been favorable over the last few days and this has aided in moderating fire behavior. As we approach the early afternoon the dry air and wind will work to possibly bring fuel moistures to their lowest levels.

Live fuel moistures remain near 120%. Calculated fine fuel moistures have been reaching into the single digits and 1000 hr fuel moistures are estimated at 13%. The predicted ERC for today is 48 and the predicted BI is 48 and these numbers translate into high fire danger for the fire area.

With the forecasted wind in the weather, today may represent the peak of the potential for burning since last Saturday. New starts or unburned islands with slopes of 20-30 percent, the grass will burn with rates of spread near 20 ch/hr and flame lengths approaching 4.5 feet. In the fir stands expect rates of spread at 3-4 ch/hr and flame lengths near 2 feet.

SPECIFIC:

Div. A- Fire behavior inside the control lines will be limited to smoldering in the duff and heavies. If a new start were to happen, crews will be successful on the flanks, engines support may be needed near the head of the fire or near jackpots.

Div. B and M- Some hotspots persist within 150 feet of the line but the majority of the heat is interior. Where unlined islands exist there will be the potential for these to burn out. Higher winds are forecast today than we have seen which could lead to spotting from an unburned island. If the fire spots across the line crews will should be effective with direct suppression action.

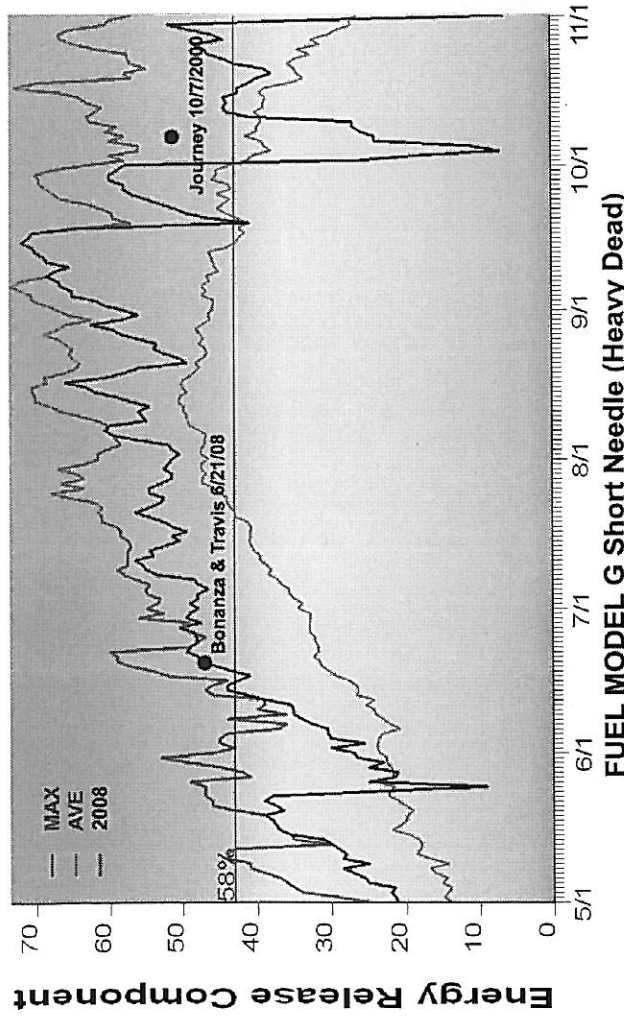
Div. Z- Even with the delayed drying of fuels on the North aspects be thinking about the possibility of undetected spots across the line or in green islands that could propagate into open flame with the forecast wind.

AIR OPERATIONS: N/A

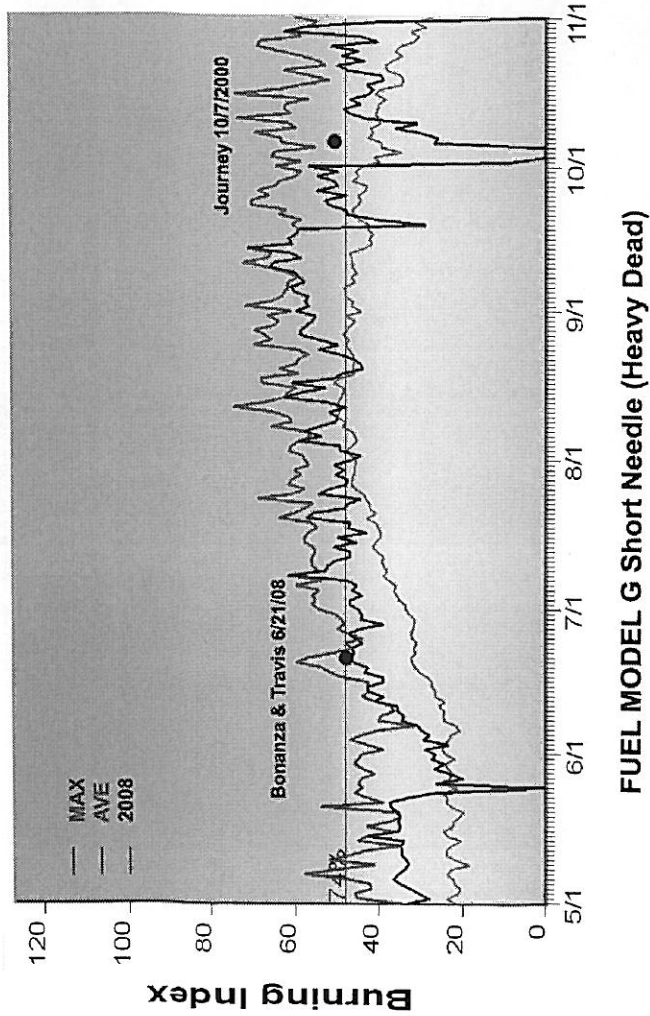
SAFETY

Use the Fire Behavior Hauling Chart on pg. 79 of your IRPG as a reference when engaging in fire suppression operations. Compare your tactics to what is recommended for the flame lengths encountered. Understand when you need to alter your tactics for the fire behavior to achieve success.

Fire Danger Rating Area 130 Energy Release Component



Fire Danger Rating 130 Burning Index



Fire Danger Area 130:

- * Mad River Ranger District
- * Six Rivers National Forest
- * NW CA - Region 5

Weather Stations Used:

- * 040507 Mad River (NFDERS)
- * 040508 Ruth (NFDERS)

Local Thresholds - WATCHOUT:

Combinations of any of these factors can greatly increase fire behavior: 20' Windspeed over 6 mph; RH less than 19%; Temperature over 90; 1000-hour Fuel Moisture less than 14. Large fires become more frequent when BI exceeds 48 and when ERC exceeds 43.

Graph Interpretation, Energy Release Component:

Maximum = Highest ERC by day for 1979-2009
 Average = Shows Peak Fire Season
 58% = 58th Percentile means 58% of all days observed had an ERC below 43.

PAST EXPERIENCE / LOCAL KNOWLEDGE:

Wildfires become a problem @ 50 acres on the Six Rivers NF due to topography, fuels, and accessibility ('Large fires' = 50 acres).

Large fires become more frequent when 1000 hour fuel moistures drop below 14.
 Large fires become more frequent when BI exceeds 48.
 Large fire become more frequent when ERC exceeds 43.
 (large fires can and do occur at lower indices)

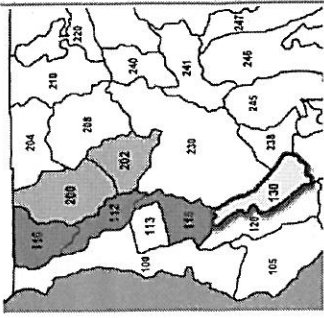
Afternoon winds W/NW along Ruth Lake Corridor greatly influence direction of fire spread in the area.

South Fork Mountain affects weather in the area: Funnel the wind and influences thunderstorm development and movement.

Other Watchouts not related to weather and indices; dangers associated with marijuana gardens and arson fires.

Graph Interpretation, Burning Index:

Maximum = Highest BI by day for 1979-2009
 Average = Shows Peak Fire Season
 74% = 74th Percentile means 74% of all days observed had a BI below 48.



INCIDENT RADIO COMMUNICATIONS PLAN		Incident Name RUTH INCIDENT CA-SRF-001848		Date/Time Prepared 9/28/2011 1800	Operational Period Date/Time Day Shift 9/29/11, 0700-2000
---	--	---	--	--------------------------------------	---

Only frequencies listed on this 205 are authorized for use on this incident.									
Ch #	Function	Channel Name	Assignment	RX Freq N/W*	RX Tone	TX Freq N or W	TX Tone	Mode	Remarks
1	COMMAND	NIFC C-2	ALL DIVISIONS	168.1000 N		168.1000 N		A	Car to car direct
2	COMMAND	NIFC C-2 RPT	ALL DIVISIONS	168.1000 N		170.4500 N	123.0	A	MUST USE Tone 2 (123.0)
3	TACTICAL	NIFC TAC-1	DIVISION Z	168.0500 N		168.0500 N		A	
4	TACTICAL	USFS R5 TAC-5	DIVISION A A/B REPAIR	167.1125 N		167.1125 N		A	
5	TACTICAL	USFS R5 TAC-4	DIVISION M	166.5500 N		166.5500 N		A	
6	TACTICAL	NIFC TAC-5	DIVISION B	166.7250 N		166.7250 N		A	
7	COMMAND	NIFC C-9 RPT	AS NEEDED	170.0125 N		165.2500 N	100.0	A	MUST USE TONE 9 (100.0)
8	TACTICAL	NIFC TAC-3	STRUCTURE GROUP	168.6000 N		168.6000 N			
9	IA DISPATCH	SRF DIRECT	ALT COMMAND if C-2 FAILS	168.7250 N		168.7250 N		A	FORTUNA
10	IA DISPATCH	SRF REPEAT	ALT COMMAND if C-2 FAILS	168.7250 N		170.1250 N	156.7	A	Use Tone 6 (156.7)
11	TACTICAL	NIFC TAC-2	FS IA TACTICAL	168.2000 N		168.2000 N		A	
12	A/G TACTICAL	AIR TO GROUND	ALL DIVISIONS	168.5750 N		168.5750 N		A	
13	MEDI-VAC	CALCORD	ALL DIVISION	156.0750 W		156.0750 W		A	
14	EMERGENCY	AIR GUARD	ALL DIVISIONS	168.6250 N		168.6250 N	110.9	A	TONE 1 USED FOR EMERGENCY OR INITIAL CONTACT WITH AIRCRAFT
15									
16	EMERGENCY	AIR GUARD	ALL DIVISIONS	168.6250 N		168.6250 N	110.9	A	TONE 1 USED FOR EMERGENCY OR INITIAL CONTACT WITH AIRCRAFT

MEDICAL PLAN	1. Incident Name	2. Date Prepared	3. Time Prepared	4. Operational Period									
	Ruth Fire	09/28/11	1800	09/29/11 0700-2000									
5. Incident Medical Aid Station													
Medical Aid Stations		Location			Paramedics								
Medical Unit - Frontline Ph:530-258-9155		Ruth ICP - N 40°12.29 / W 123°17.78			<table border="1"> <tr> <td>Yes</td> <td>No</td> </tr> <tr> <td>X</td> <td></td> </tr> </table>			Yes	No	X			
Yes	No												
X													
6. Transportation													
AIR Ambulance Services													
Name		Address		Phone		Paramedics							
REACH *NVG		1524 East St. Redding, CA 96001		911/ 800-338-4045		<table border="1"> <tr> <td>Yes</td> <td>No</td> </tr> <tr> <td>RN</td> <td></td> </tr> </table>		Yes	No	RN			
Yes	No												
RN													
Mercy Air (PHI) *NVG		5900 Old Oregon Tr. Redding, CA. 96002		911/ 800-597-9571		<table border="1"> <tr> <td>Yes</td> <td>No</td> </tr> <tr> <td>RN</td> <td></td> </tr> </table>		Yes	No	RN			
Yes	No												
RN													
CHP hoist with 165' line		Benton Airfield, Redding, CA		911 / 530-242-3210		<table border="1"> <tr> <td>Yes</td> <td>No</td> </tr> <tr> <td>X</td> <td></td> </tr> </table>		Yes	No	X			
Yes	No												
X													
Kneeland 102 – Short haul		Kneeland, CA		911/ 707-726-1266		<table border="1"> <tr> <td>Yes</td> <td>No</td> </tr> <tr> <td></td> <td>X</td> </tr> </table>		Yes	No		X		
Yes	No												
	X												
H506 – Designated Medivac		Ruth helibase (530-605-7336)		Ruth Communications		<table border="1"> <tr> <td>Yes</td> <td>No</td> </tr> <tr> <td></td> <td>X</td> </tr> </table>		Yes	No		X		
Yes	No												
	X												
Ground Ambulance Services													
Name		Location				Paramedics							
STAR 304 (Incident Amb.)		Ruth ICP (cell: 707-599-2228)				<table border="1"> <tr> <td>Yes</td> <td>No</td> </tr> <tr> <td>X</td> <td></td> </tr> </table>		Yes	No	X			
Yes	No												
X													
STAR 305 Ambulance		Mad River, CA				<table border="1"> <tr> <td>Yes</td> <td>No</td> </tr> <tr> <td>X</td> <td></td> </tr> </table>		Yes	No	X			
Yes	No												
X													
Fortuna Ambulance		Fortuna, CA				<table border="1"> <tr> <td>Yes</td> <td>No</td> </tr> <tr> <td>X</td> <td></td> </tr> </table>		Yes	No	X			
Yes	No												
X													
Trinity County Ambulance		Hayfork, CA				<table border="1"> <tr> <td>Yes</td> <td>No</td> </tr> <tr> <td>X</td> <td></td> </tr> </table>		Yes	No	X			
Yes	No												
X													
7. Hospitals													
Name		Address		Travel Time		Helipad		Burn Center					
				Air Ground		Yes No		Yes No					
Southern Trinity Clinic		153 A Van Duzen Rd., Mad River, CA		n/a 45 min.				<table border="1"> <tr> <td>Yes</td> <td>No</td> </tr> <tr> <td></td> <td>X</td> </tr> </table>		Yes	No		X
Yes	No												
	X												
Redwood Memorial		3300 Renner Dr., Fortuna, CA		30 min. 2 hrs.				<table border="1"> <tr> <td>Yes</td> <td>No</td> </tr> <tr> <td></td> <td>X</td> </tr> </table>		Yes	No		X
Yes	No												
	X												
Mad River Comm. Hospital		3800 Janes Rd. Arcata, CA. 95521 N 40° 53.45 / W 124° 05.25		30 min. 3 hrs.		X		<table border="1"> <tr> <td>Yes</td> <td>No</td> </tr> <tr> <td></td> <td>X</td> </tr> </table>		Yes	No		X
Yes	No												
	X												
St. Joseph Hospital		2700 Dolbeer St. Eureka, CA. N 40° 47.0 / W 124° 08.08		30 min. 2.5 hrs.		X		<table border="1"> <tr> <td>Yes</td> <td>No</td> </tr> <tr> <td></td> <td>X</td> </tr> </table>		Yes	No		X
Yes	No												
	X												
Mercy Medical Level 2 Trauma		2175 Rosaline Ave, Redding N 40° 34.29 / W 122° 23.67		40 Min. 3.5 hrs.		X		<table border="1"> <tr> <td>Yes</td> <td>No</td> </tr> <tr> <td></td> <td>X</td> </tr> </table>		Yes	No		X
Yes	No												
	X												
UC Davis Level I Trauma/Burn Cntr.		2315 Stockton Blvd. Sacramento N38 33.17 / W 121 27.21		1.5 hrs. 5.5 hrs.		X		<table border="1"> <tr> <td>Yes</td> <td>No</td> </tr> <tr> <td>X</td> <td></td> </tr> </table>		Yes	No	X	
Yes	No												
X													
8. Medical Emergency Procedures													
<input type="checkbox"/> Contact Ruth communications and declare a medical emergency on Command, advising your location and situation <input type="checkbox"/> The closest Division Supervisor will respond to the location to take control and direct necessary actions <input type="checkbox"/> The closest Safety Officer and EMTs will respond to the location to assist with patient care <input type="checkbox"/> Use the attached Injury/Incident Communications Worksheet to coordinate appropriate care and transportation <input type="checkbox"/> Secure the scene area and identify witnesses for later investigation – Keep a log													
Prepared by (Medical Unit Leader)					10. Reviewed by (Safety Officer)								
Matt Brown MEDL (T) Cell: 530-277-1213					Jeff Barnhart SOF2								

Injury or Incident Communications Protocol

Location _____

Situation _____

Any special equipment required _____

Number of injured _____ Type of injuries _____

Immediate transport required: Yes No Best method: Ambulance Helicopter Vehicle

Closest pick up point (DP, Helispot) _____

LOC _____ Resp. _____ Pulse _____ BP _____ Weight _____

Injury _____

Medical History/Allergies _____

Air Transportation Triage Contact EMS Helicopters on CALCORD freq.

	Air Ambulance	Transport to Med Unit
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

Ruth ICP - N 40° 12.29 / W 123° 17.78

Horse Medivac Site- N 40° 16. 415 / W 123° 16. 656 (East of Div. M)

Johnson Medivac Site- N 40° 15. 971 / W 123° 18. 183 (Type 3 only)

If air or ground ambulance is DELAYED:

Package and transport patient to rendezvous with Incident Ambulance. Re-route EMS helicopter to rendezvous point as appropriate.

If Declaring an "Incident within the Incident"

The closest DIVS 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 Branch Director or DIVS. Secure site and begin initial investigation when situation is stabilized.

Ruth Incident Risk Analysis (215a)

Div.	LCES Analysis of Tactical Applications (Hazardous Actions or Conditions)	LCES Mitigations/Warnings/Remedies
All	Communications	Use human repeaters when necessary. Inform Communications Unit of "dead zones".
All	Helicopter Drops	Communicate with Pilot <ul style="list-style-type: none"> • A clear understanding of the target Situation Awareness <ul style="list-style-type: none"> • Hazard trees in drop zone? • Ground crews clear? See I.R.P.G page 61
All	Illegal Plantations	Be aware of illicit growing operations. If you find one, vacate the area and notify DIVS of the location. Do not attempt to pass through or skirt the plantation.
All	Snag and Hazard Trees	Review page 20 of the IRPG. Only proceed into areas that have had hazards mitigated.
All	Narrow, Dusty Roads	Keep speeds slow, headlights on, and don't tailgate. Allow dust to settle for better visibility Be aware that sunrise and sunset hours can reduce visibility.
All	Working around mechanized equipment	Ensure that the JHA for chipper operations has been read and understood by all personnel working around this equipment. Be heads up and maintain situational awareness around heavy equipment
All	Undetected Spot Fires and downhill line construction	Heads up for "sleeper" spot fires. Review page 8 of the IRPG before attempting downhill line construction.
All	Difficult terrain and conditions for providing for emergency medical needs.	Review the Medical Plan and Injury or Incident Communication Protocol in the IAP before the need arises. Identify heli-spot/emergency landing zones with Lat & Longs.
All	Vehicle Placement on Narrow Roads	Make sure that your vehicle is out of the way when parked and working the fires edge so the ingress and egress of other vehicles is not affected.
All	Poison Oak	Know what it looks like and avoid it.
All	Complacency	Don't let your operations fall into the "routine" category. Maintain situational awareness in all activities.

Date & Time Prepared: September 28th 2011 @ 1500 hrs

Operational Period: September 29th, from 0700 - 2000 hrs

Prepared By: Jeff Barnhart, SOF2

CA-SRF-001848

Six Rivers National Forest

Northern California Incident Management Team 1



Today's discussion is from the
Miscellaneous Category.

CHAINSAW SAFETY

Chainsaw safety is every saw operator's job.

- Always wear proper P.P.E. when handling or working around chainsaws.
 - Eye protection- approved goggles or safety glasses (no sunglasses)
 - Chainsaw Chaps- proper size and length
 - Gloves-proper size
 - Long sleeve shirt-no loose sleeves
 - Leather boots-no loose boot laces

- Take the time to inspect the chainsaw before operating the saw.
 - Check the chain and bar- Sharpness of chain, Bar seated correctly
 - Check the bolts and screws all around the saw- no missing screws or bolts
 - Check the casing of the saw- no cracked or missing plastic

- Make sure you're aware of your surroundings while operating the chainsaw.
 - Look for people working in your area- advise all personnel you're operating the saw.
 - Look for any snags or hazards in your area- look up for power lines, widow makers, etc.
 - Make sure you always have a spotter or swamper to use for communications.
 - Always watch your footing while operating the saw- loose, rocky, steep terrain can cause you to slip while the chainsaw is running.

- Always make sure you are comfortable doing the task at hand.
 - Proper training for personnel running saws.
 - While falling trees know your escape route.
 - If you are not comfortable falling the tree walk away. Notify your supervisor and mitigate the safety issues or turn down the assignment.

Have an idea? Have feedback? Share it.

[ONLINE](#) | MAIL: 6 Minutes For Safety Task Group • 3833 S. Development Ave • Boise, ID 83705 | FAX: 208-387-5250

[6 Minutes Home](#)

TRAINING SPECIALIST MESSAGE

The Training Specialist is closing Incident Training Packages. Trainees are strongly encouraged to complete their training documentation today.

Bring your Task Book (completed by your trainer) and a *completed* individual performance rating to the exit interview.

Training Watch Out of the day:

You haven't looked at your task book since you checked in last week.



Training quote of the day:

"I have never let my schooling interfere with my education." - Mark Twain

DOMINIC PANNINO
Training Specialist

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 wide and 12-24 inches high.

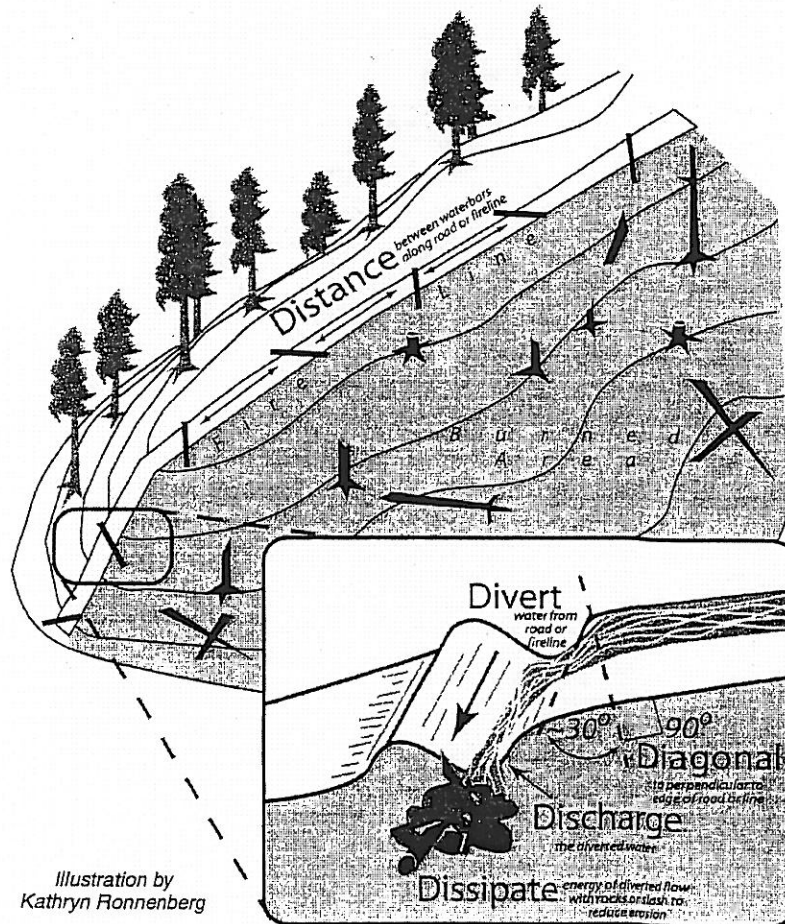


Illustration by
Kathryn Ronnenberg