

FORK COMPLEX

Incident Action Plan

Sept. 8, 2015

0700 - 1900



SCHOOL IS BACK IN SESSION TODAY

Use caution when driving through town

Be a good representative of your Agency or Company

THE WEATHER IS GETTING HOTTER & DRYER

Stay well hydrated

Know the signs and symptoms of Heat Emergencies

**Always do a Risk Analysis Before You Engage
in any Operation**

CA-SHF-002067

SHASTA-TRINITY NATIONAL FOREST

INCIDENT OBJECTIVES		1. Incident Name	2. Date Prepared	3. Time Prepared
ICS 202		Fork Complex	09/07/2015	2000
4. Operational Period				
September 8th, 2015		DAY OPERATIONAL PERIOD		0700-1900
5. General Control Objectives for the Incident (include alternatives)				
<p>Operational Objectives:</p> <ol style="list-style-type: none"> 1. Keep the fires in the Fork Complex within existing containment lines while minimizing impacts to natural and cultural resources. 2. Implement fire suppression damage repair in accordance with the approved plan. 3. Emphasize operational safety through implementation of the Risk Management Process. 				
6. General Weather				
See attached forecast.				
7. General Safety Message				
We are very heavy into suppression repair. Know what equipment is working in your division. Lowboys are announcing when they start down narrow roads. Listen on command, pull over and let them pass.				
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		Transportation Maps	x
				Water Log / Equipment Log
x	Medical Plan-ICS 206	x	Safety Messages	
9. Prepared by (Planning Section Chief)			10. Approved by (Incident Commander)	
Walter Herzog			<i>Kat Englander - Deputy IC</i>	

Division/Group Assignment List (ICS 204 WF)

1. Incident Name		Branch:		Division/Group:		
FORK COMPLEX				M/N		
2. Operational Period		Day:				
Date/Time From: 09/08/2015 0700 TUE		Date/Time To: 09/08/2015 1900 TUE				
3. Operations Personnel						
OPERATIONS CHIEF DUSTAN MUELLER		PLANNING OPERATIONS				
DIVISION/GROUP SUPERVISOR JACK SEVELSON						
4. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
C2IA HAPPY CAMP 2A C-149	09/20	JESSE PARRY	10	ICP/0700	ICP/1900	
ENG3 BOULDER FD E-491	09/12	JAMES CARPENTER	4	ICP/0700	ICP/1900	
ENG6 MT ADAMS E-330 SOUTH	09/11	CHUCK NEWBERRY	3	ICP/0700	ICP/1900	
DOZ2 WARNER ENTER. E-55	09/14	TOM HELSLEY	2	ICP/0700	ICP/1900	
DOZ2 FIRE BEE E-82	09/10	MATT SWANK	2	ICP/0700	ICP/1900	
DOZ2 CA-MNF E-171 SOUTH	09/11	ROD CARLETON	2	ICP/0700	ICP/1900	
EXCA TRINITY RIVER E-523	09/14	MATT SKELTON	2	ICP/0700	ICP/1900	
EXCA DUDLEY'S E-525	09/13	JOHN STUGELMEYER	1	ICP/0700	ICP/1900	
EXCA ROEN E-526	09/14	MICHAEL RYAN	2	ICP/0700	ICP/1900	
EXCA BENS TRUCK E-546	09/08	KEITH FLASH	2	ICP/0700	ICP/1900	
EXCA SPYDER E-554	09/09	CASEY CARLSON	1	ICP/0700	ICP/1900	
EXCA FECON HEAD E-557	09/10	CHAD GLEIM	2	ICP/0700	ICP/1900	
EXCA NORTH STATE E-567	09/20	LANDON ROSECRANS	2	ICP/0700	ICP/1900	
SKID WARNER E-550	09/13	PAUL WARNER	1	ICP/0700	ICP/1900	
CHIP FIRESTORM E-565	09/20	DANE ECCLES	3	ICP/0700	ICP/1900	
TFLD O-788 SOUTH	09/18	JOHN BRISTOW	1	ICP/0700	ICP/1900	
TFLD O-765	09/19	JOHN WARD	1	ICP/0700	ICP/1900	
TFLD (T) O-767	09/20	DAVID MCCULLEY	1	ICP/0700	ICP/1900	
HEQB O-727	09/13	RICHARD DIEDE	1	ICP/0700	ICP/1900	
HEQB O-733	09/15	DEREK PADILLA	1	ICP/0700	ICP/1900	
HEQB O-762	09/18	DANIEL SMITH	1	ICP/0700	ICP/1900	
5. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND/IN/IC/CS2	3	164.7750 N	162.2	170.0500 N	162.2	A
TACTICAL RS-TA	7	166.5500 N	162.2	166.5500 N	162.2	A
AIR TO GROUND	8	168.7375 N		168.7375 N		A
9. Prepared By (Resource Unit Leader)		Approved By (Planning Section Chief)		Date	Time	
ALAN TAYLOR		WALTER HERZOG		09/07/2015	2000	

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:		3.	
FORK COMPLEX		Branch:	Division/Group:
2. Operational Period:		M/N	
DAY:			
Date/Time From:	DAY:	Date/Time To:	DAY:
09/08/2015 0700	TUE	09/08/2015 1900	TUE

4. Operations Personnel			
OPERATIONS CHIEF	DUSTAN MUELLER	PLANNING OPERATIONS	
DIVISION/GROUP SUPERVISOR	JACK SEVELSON		

6. Control Operations/Work Assignments:

Continue suppression repair and coordinate with Operations on work assignments.
Mop up areas of heat where safe and necessary to do so.

7. Special Instructions:

- Wilderness boundary is marked with blue/yellow flagging.
 - Repairs are to be consistent with the Fork Complex Fire Suppression Repair Plan, August 17, 2015
- Sensitive areas are marked with yellow/black striped flagging. Minimize ground disturbing activities in the area, if you're not sure, ask.**

5. Division/Group Communication Summary						
Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode	
COMMAND NFO/CAY	3	164.7750 N	162.2	170.0500 N	162.2	A
TACTICAL RCT/TAC	7	166.5500 N	162.2	166.5500 N	162.2	A
AIR TO GROUND	8	168.7375 N		168.7375 N		A

9. Prepared By (Resource Unit Leader)	Approved By (Planning Section Chief)	Date	Time
ALAN TAYLOR	WALTER HERZOG	09/07/2015	2000

Division/Group Assignment List (ICS 204 WF)

1. Incident Name						
FORK COMPLEX		Branch:		Division/Group:		
2. Operational Period		DAY		R		
Date/Time From: 09/08/2015 0700	TUE	Date/Time To: 09/08/2015 1900	TUE			
Operations Personnel						
OPERATIONS CHIEF		DUSTAN MUELLER		PLANNING OPERATIONS		
DIVISION/GROUP SUPERVISOR		SHANNON BOWMAN				
Resources Assigned in this Period						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
C2IA HAPPY CAMP CREW 2B C-149	09/20	KEN COOPER	9	ICP/0700	ICP/1900	
ENG3 SHF ENGINE-371 E-336 SOUTH	09/12	KEVIN MOGLIA	5	ICP/0700	ICP/1900	
ENG6 PAULTON 671 E-496	09/19	BILL PAULTON	3	ICP/0700	ICP/1900	
ENG6 PAULTON 8 E-497	09/21	TRAVIS PAULTON	3	ICP/0700	ICP/1900	
DOZ2 SHF DOZ29 E-399	09/19	DAVE BROWN	1	ICP/0700	ICP/1900	
CHIP FS #1897 E-558	09/09	JACK TURNER	5	ICP/0700	ICP/1900	
HEQB O-731	09/15	TANNER GREENE	1	ICP/0700	ICP/1900	
FEMT O-760	09/19	DAVID DURHAM	1	ICP/0700	ICP/1900	
FEMP O-771	09/20	ROMAN RUBALCAVA	1	ICP/0700	ICP/1900	
6. Control Operations/Work Assignments:						
Finish suppression repair on Rail and Barker fires. Start Salt Creek Gulch Grading at Vosti Ranch. Patrol and Mop up areas of heat where safe and necessary to do so.						
7. Special Instructions:						
<ul style="list-style-type: none"> • Wilderness boundary is marked with blue/yellow flagging. • Repairs are to be consistent with the Fork Complex Fire Suppression Repair Plan, August 17, 2015 Sensitive areas are marked with yellow/black striped flagging. Minimize ground disturbing activities in the area, if you're not sure, ask.						
Division/Group Communications Summary						
Channel	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND NFG 24	1	166.6125 N	162.2	168.4000 N	162.2	A
AQUARI NFG 15	6	166.7250 N	162.2	166.7250 N	162.2	A
AIR TO GROUND	8	168.7375 N		168.7375 N		A
9. Prepared By (Resource Unit Leader)		Approved By (Planning Section Chief)		Date	Time	
ALAN TAYLOR		WALTER HERZOG		09/07/2015	2000	

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:					
FORK COMPLEX		Branch:		Division/Group:	
2. Operational Period:		DAY:		ROADS	
Date/Time From: 09/08/2015 0700	TUE	Date/Time To: 09/08/2015 1900	TUE		
3. Operations Personnel:					
OPERATIONS CHIEF DUSTAN MUELLER		ROADS GROUP CHAD LAWSON			
PLANNING OPERATIONS					
4. Resources Assigned to this Period:					
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
WT2 NORTH STATE E-14	09/11	BRENT SMALL	1	ICP/0700	ICP/1900
WT2 NORTH STATE E-133	09/19	RANDY HERMAN	2	ICP/0700	ICP/1900
WT2 PRO-DUMP E-238	09/14	CHARLES MEEKER	1	ICP/0700	ICP/1900
WT2 KILLINGBECK E-519	09/14	MERLE KILLENBECK	1	ICP/0700	ICP/1900
WTS2 GET WET E-520	09/13	TYLER MINTO	1	ICP/0700	ICP/1900
WT2 PARTRIDGE E-521	09/13	CHEQUITA PEACOCK	1	ICP/0700	ICP/1900
GRDR OILAR AG E-435	09/14	PAT OILAR	2	ICP/0700	ICP/1900
6. Control Operations/Work Assignments:					
<p>Coordinate with Division Supervisors and Lead READ on work assignments. Assess and coordinate with Division R on grading Salt Creek Gulch.</p>					
7. Special Instructions:					
5. Division/Group Communication Summary:					
Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND NFG-32	1	166.6125 N	162.2	168.4000 N	162.2
TACTICAL NFG-31	5	168.0500 N	162.2	168.0500 N	162.2
AIRBORNE GROUND	8	168.7375 N		168.7375 N	A
9. Prepared By (Resource Unit Leader)		Approved By (Planning Section Chief)		Date	Time
ALAN TAYLOR		WALTER HERZOG		09/07/2015	2000



Fork Complex Fire Weather Forecast



FORECAST NO: 56

NAME OF FIRE: Fork Complex

PREDICTION FOR: Tuesday Day Shift

UNIT: Shasta-Trinity National Forest

SHIFT DATE: Sep 8, 2015
TIME AND DATE

SIGNED: *Phil Manuel*

FORECAST ISSUED: Sep 7, 2015 @ 1800 PDT

Phil Manuel
IMET – South Complex

WEATHER DISCUSSION: *...Rising Temperatures And Low Humidity...*

The remainder of the week will feel like an extension of summer with above normal temperatures and low humidity. In addition to the increasing heat, High Pressure will also result in a subsidence inversion. This will lead to reduced ventilation and a thermal belt at night along the mid/upper slopes with poor overnight humidity recovery. With the exception of the somewhat stronger late afternoon breeze in the river Valley, slope winds will be light and terrain driven, upslope during the day and light downslope at night.

Weather Forecast for Tuesday:

Weather: Sunny.
High Temperature ... Midslopes/Ridges 75-82. **Lower valleys (Hayfork)** 90-95.
Min RH (Midslopes/Ridgetops/valleys)... 10-15%
20-FOOT WINDS:
 Ridgetop..... Variable less than 6 mph.
 MidSlope..... Upslope 2-5 mph.
 Valley..... Calm in the morning, then up-valley 3-6 mph during the afternoon.

Weather Forecast for Tuesday Night: *...Poor Humidity Recovery...*

Weather: Mostly Clear. Poor humidity recovery along the upper slopes and ridge tops.
Low Temperature (Ridgetops)... 55-60.
Low Temperature (Valleys)..... 48-52.
Max RH (Midslopes/Ridgetops)..... Remaining under 35%.
Max RH (Valleys)..... 70-80%.
20-FOOT WINDS:
 Ridgetop..... Northeast 3-6 mph.
 Slope/Valley..... Up valley 2-4 mph until 2100, then down valley 1-3 mph.

Weather Forecast for Wednesday:

Weather: Sunny, Hot & Dry.
High Temperature ...Midslopes/Ridges 78-85. **Lower valleys (camp)** 92-97.
Min RH (Midslopes/Ridgetops/Valleys)..... 10-15%.
20-FOOT WINDS:
 Ridgetop..... Variable 6 mph or less.
 UpSlope/UpValley..... 3-6 mph.

OUTLOOK for Thursday Through Saturday: *~ ~ ~ Heat Wave ~ ~ ~*

Hot and Dry. Above normal temperatures. Highs 92-98 valleys and in the 80s across the higher elevations. Minimum RH 10-15%. Lows 50 to 55 in the valleys and 56 to 62 ridge tops. Poor humidity recovery in the higher elevations. Fair recovery in the valleys.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 63	TYPE OF FIRE: Wildland Fire
FIRE NAME: Fork Complex	OPERATIONAL PERIOD: 9/08, 0700 to 1900
DATE ISSUED: 9/07/15	TIME ISSUED: 2000
UNIT: Shasta Trinity National Forest	SIGNED: /s/ John Wood FBAN

INPUTS

WEATHER SUMMARY: The remainder of the week will feel like an extension of Summer with above normal temperatures and low humidity. In addition to the increasing heat, high pressure will also result in subsidence inversion. This will lead to reduced ventilation and a thermal belt at night along the mid/upper slopes with poor overnight humidity recovery. With the exception of the somewhat stronger late afternoon breeze in the Trinity River Valley, slope winds will be light and terrain driven, upslope during the day and light down slope at night

Expect maximum temperatures Ridges: 80-85, Valleys: 90-95 Minimum humidity, 12-18%. 20 foot winds: Ridges variable less than 7 mph, Mid-Slope: upslope 2-5 mph, Valleys: up valley 3-7 with gusts to 10 during the afternoon and evening.

OUTPUTS

GENERAL: With shorter days fuels will need more time to reach burnable levels each day, though as we get back to warmer drier days this effect may not make a noticeable difference. Exposed fuels will have a faster drying time than sheltered fuels both because of exposure to wind and solar heating aiding the drying process. Conditions will support active fire spread but a change in slope, aspect and fuel moistures could substantially change fire behavior. Needle cast from scorched or underburned trees will continue to fall adding some potential for fire spread and may be a concern in areas with viable heat sources. Fuels have recovered from the rain effect and are again in a state to actively contribute to fire spread. Although the burn window continues to shorten it does not detract from the potential fire activity. Rates of spread and flame length potentials have remained fairly static they are able to achieve similar burning characteristics with much less wind. Gusty winds can rapidly increase fire behavior. Anticipate changes based off of local knowledge and previous experience on the incident.

Backing/Flanking rate of spread up to 2 ch/hr, flame lengths 1-3 feet.

Head fire:

Timber understory rate of spread 3-11 ch/hr, flame lengths 2-8 feet

Timber litter rate of spread up to 3 ch/hr, flame lengths around 2 feet

Shrub fuels rates of spread could reach 22ch/hr, flame lengths 5-6 feet.

SPECIFIC: Fine fuel moisture 6% 1000 hr 12% Probability of ignition 60-90% Spot distance about a 1/4 mile.

All Divisions: Conditions are right for quiet areas to begin showing heat and spread potential as smokes begin showing and active duff continues to creep getting larger. Consider the repair work you will be doing and think about the potential for fire spread as repair work is completed. Assess the area for heat before you begin working and as you complete the each stage of repair work.

Fuels are at late season levels, 1000 hour fuels are around 12 percent and live fuels are near 90 percent. With the warming and drying the spotting potential should be a consideration with a probability of ignition at 90 percent. The most active spread would be in the afternoon during the heat of the day. Wind as always is a dynamic influence on fire behavior and can cause rapid increases in activity.

AIR OPERATIONS

Smoke should not impact air operations.

Safety Message

Consider the potential for active heat in your work area while fueling chain saws, pumps and other powered equipment. Smoldering heavies and burning duff can and other heat sources can quickly ignite spilled fuel or fuel vapors

ICS 205 INCIDENT RADIO COMMUNICATIONS PLAN		Incident Name Fork Complex			Date & Time Prepared 9/7/15 1800	Operational Period Date/Time 9/8/15 0700 - 1900			
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone/NAC	TX Freq N or W	Tx Tone/NAC	Mode A, D or M	Remarks
1	Command	NIFC C-4	All Divisions	166.6125 N	162.2	168.4000 N	162.2	A	Plummer Peak
2	Command	NIFC C11	All Divisions	170.6875 N	162.2	166.5750 N	162.2	A	Hayfork Bally
3	Command	NIFC C32	All Divisions	164.7750 N	162.2	170.0500 N	162.2	A	Knob Peak
4	Command	NIFC C45	All Divisions	173.0625 N	162.2	162.6125 N	162.2	A	Div. L Near DP 223
5	Tactical	NIFC T1	Roads Grp	168.0500 N	162.2	168.0500 N	162.2	A	
6	Tactical	NIFC T5	DIV R	166.7250 N	162.2	166.7250 N	162.2	A	
7	Tactical	R5 TAC4	DIV M AND N	166.5500 N	162.2	166.5500 N	162.2	A	
8	Air to Ground	A/G	All Divisions	168.7375 N		168.7375 N		A	
9	SHF Hayfork Bally	SHF BALLY	I/A	171.5750 N		169.1000 N	136.5	A	
10	SHF Plumber Peak	SHF RPT	I/A	171.5750 N		169.1000 N	114.8	A	
11	Tactical	NIFC T2	I/A	168.2000 N		168.2000 N		A	
12	Tactical	NIFC T3	I/A	168.6000 N		168.6000 N		A	
13	A/G PRI	A/G 43	I/A	167.6000 N		167.6000 N		A	AG-43
14	A/G SEC	A/G 08	I/A	166.8750 N		166.8750 N		A	AG-08
15	Tactical	CALCORD	Medical	156.0750 N	156.7	156.0750 N	156.7	A	
16	Air Guard	AIR GUARD	Emergency	168.6250 N		168.6250 N	110.9	A	Urgent Aircraft Contact
17								A	
18								A	
19								A	
20	Air Guard	AIR GUARD	Emergency	168.6250 N		168.6250 N	110.9	A	Urgent Aircraft Contact

Approved By & Position Title
 Incident Location: Hayfork, CA
 County: Trinity State: CA Latitude 00° 0.00' N, Longitude 000° 0.0' W

COML Phil Shafer/ COMIL T Harold Reed Nor Cal Team 1

Convention calls for frequencies to show four digits to the right of the decimal point, followed by either an "N" or a "W", N being Narrow, W being Wide band Mode refers to either "A" or "D" indicating analog or digital (e.g. Project 25) or "M" indicating mixed mode. All channels are shown as if programmed in a base station, mobile or portable radio. Repeater and base stations will be programmed with the Rx and Tx reversed. OST=Operator Selectable Tone

Base Camp Phone List

FORK COMPLEX
REVISED 9/4/2015

Name	Phone
Communications	530-628-5475
	530-628-5816
	530-628-5873
I.C.	949-812-8702
I.C. CELL	707-502-5051
PLANS	530-628-5728
Personnel Time	530-628-4189
	530-628-4150 (Fax)
Cost	530-628-4248
Equipment / Time	530-628-4239
Logistics	949-812-8753
	530-722-7235
Ground Support	916-591-8999
Ordering/Supply	530-628-4326
	530-628-4293
	530-628-4889 (Fax)
OPS	530-628-4270
SAFETY	530-628-4270
MEDICAL	530-628-5323
Demob/Check-in	530-628-5728
	530-628-5492 (Fax)
SUPPLY	530-
FAC	530-628-1050
	FOOD-L 530-628-1091
COMP CLAIMS/TRAINING	530-628-5323
SECURITY	218-349-0369

Any Updates Please Send to Communications

AIR OPERATIONS SUMMARY

Prepared By: Glenn Dietz

Prepared Date: Sept 7, 2015

Prepared Time: 1900

1. INCIDENT NAME: SOUTH COMPLEX (CA-SHF-2108) FORK COMPLEX (CA-SHF-2067)		2. OPS PERIOD DATE: Sept. 8, 2015		START TIME: 0700	END TIME: 2000	SUNRISE: 0646	SUNSET: 1935	
3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): **Be aware of terrain influenced winds & wires crossing the Trinity River watershed as well as powerlines through the center of the South fire, East-West. **Reference SHF Air Hazard Map as well as South & Fork Air Ops Maps available on ftp site. Track where water was taken from. All buckets/tanks must be cleaned after dipping out of the main stem Trinity River & before dropping on the South Complex.				4. READY ALERT AIRCRAFT MEDEVAC: H-553 ***CALCORD TONE 6*** INITIAL ATTACK: H-553				5. TFR #: NO TFR

6. PERSONNEL	NAME	PHONE #	7. FREQUENCIES	AM	FM	8. FIXED-WING- Type/ Make-Model/ N#/ Base
AOBD	Glenn Dietz	ICP: 530-628-4970 Cell: 530-227-0017	AIR/AIR RW-FF	125.325		AIRTANKERS- Order through RICC as needed.
ASGS			AIR/ AIR RW-FF			LEAD PLANES- Order through RICC as needed.
HLCO			AIR TO GROUND		168.7375	ATGS AIRCRAFT- Order through RICC as needed. AA-17V @ Redding
HEB2	Jeremy Stocks	530-286-2249	COMMAND		SEE COMM PLAN	
HEB2(t)	Josh Wilson	530-286-2251	DECK		163.1000	
			TOLC			
			MEDIVAC ON CALCORD		156.0750	OTHER FW AIRCRAFT-

9. HELICOPTERS (Use Additional Sheets as Necessary)

FAA N#	T	Y	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	FAA N#	T	Y	MAKE/ MODEL	BASE	AVAIL	START	REMARKS
H-553	3		Bell 407	Trinity HLB	0700	0800	Pax, Bucket, PSD, Recon								
H-506	2		Bell 205 A1	Trinity HLB	0700	0800	Pax, Bucket, Recon								

10. TASK/ MISSION/ ASSIGNMENT (Type/ function includes: Air Tactical, Retardant, Recon, Personnel Transport, Bucket Operations, SAR, etc.)		MISSION START	FLY FROM	FLY TO
TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (if applicable) or instructions for tactical aircraft			
Recon	As needed, order through AOBD.			
Water Dropping	As needed, order through AOBD.			

MEDICAL PLAN ICS 206	1. INCIDENT NAME FORK COMPLEX	2. DATE PREPARED September 7, 2015	3. TIME PREPARED 1800 Hrs	4. OPERATIONAL PERIOD September 8th 0700-1900
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5. INCIDENT MEDICAL AID STATIONS				
MEDICAL AID STATIONS	LOCATION	PARAMEDICS		
		YES	NO	
Fork Medical Unit / ICP	Fork Complex ICP / Base Camp, Hayfork Ca	X		

6. AIR/AMBULANCES				
NAME	LOCATION	PHONE	PARAMEDICS	
			YES	NO
REACH (Air Ambulance/ALS)	Redding, Ca	(Redding ECC) 530-226-2400	X	
Mercy Air PHI (Air Ambulance/ALS)	Redding, Ca	(Redding ECC) 530-226-2400	X	
CHP (Hoist/NVG/ALS)	Redding, Ca	(Redding ECC) 530-226-2400	X	
U.S. Coast Guard (Hoist /NVG)	Eureka, Ca	707-839-6100		X

7. GROUND AMBULANCES			
NAME	LOCATION and PHONE NUMBER	PARAMEDICS	
		YES	NO
Trinity County Ambulance	Hayfork, Ca 530-226-2400	X	

8. HOSPITALS									
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CTR		
		AIR	GRND		YES	NO	YES	NO	
Trinity Hospital (Basic)	410 N. Taylor St. Weaverville N 40 44.34 x W 122 56.39	15 min	1 hr	530-623-5541 X 1	X			X	
Shasta Regional Medical Center (Level 3 Trauma/Cardiac/Stroke)	1100 Butte St. Redding N 40 35.15 x W 122 23.25	35 min	2 hr	530-244-5353	X			X	
Mercy Medical Center (Level 2 Trauma/Cardiac/Stroke)	2175 Rosaline Ave Redding N 40 34.18 x W 122 23.42	35 min	2 hr	530-225-7201	X			X	
UC Davis Medical Center (Level 1 Trauma/Burn)	2315 Stockton Sacramento N 38 33.17 x W 121 27.05	1 hr	4.5 hrs	916-734-3790 ER 916-734-3636 Burn	X		X		

9. MEDICAL EMERGENCY PROCEDURES

LINE MEDICAL EMERGENCY:
 Crew Supervisor contact Division Supervisor/Operations with patient complaint, condition and location.
*****Designate a point of contact who shall remain with the patient for direct link information*****
 Division Supervisor/Operations contacts Communication:
 • Division Supervisor/Operations to use **"injury or incident communication protocol"** on next page
 • Division Supervisor/Operations will run medical emergency on command channel
 • Communications will contact the Medical Unit Leader on Command or Logistics frequency
 • Medical Unit Leader will:
 1. Have communications dispatch ground/air transport resources
 2. Notify receiving hospital of injury status.
 3. Develop primary and contingency transport plan
 4. Notify Incident Commander, Safety, Logistics and Operations

CAMP MEDICAL EMERGENCY:
 Day Time Emergency Contact Communications with patient complaint/condition on Command Channel or (530) 628-1035
 Night Time Emergency Call 911 to start EMS. Then contact Forks Safety on Command or at 530-701-1437. Safety will start an in-camp response and notify the Medical unit in Hyampom.
*****Designate a point of contact who shall remain with the patient for direct link information*****
 • Medical Unit Leader will:
 1. Start appropriate ground/air transport resources
 2. Notify receiving hospital of injury status
 3. Develop primary and contingency transport plan
 • Medical Unit notifies:
 1. Safety
 2. Section chief
 3. Incident commander

206 ICS	9. PREPARED BY: (Medical Unit Leader) Travis Robinson MEDL (T) (530)559-1007	10. REVIEWED BY: (Safety Officer) Jim Mackensen SOF2 (530)701-1437
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Injury or Incident Communications Protocol

DECLARE: Medical Emergency or Non-emergency Medical transport

Best transport method: (circle) Ambulance Helicopter Vehicle

Location: (Div. & Lat / Long) _____

GPS Format: WGS84 Degrees, Decimal, Minutes

Situation _____

Any special equipment required _____

Number of injured _____ Type of injuries _____

Closest pick up point (DP, Helispot) _____

Level of consciousness _____ Resp. _____ Pulse _____ BP _____ Weight _____
 (alert & oriented x 1-4)

Injury _____ Agency (No Names) _____

Medical History/Allergies _____

Air Transportation Triage

	Ground or Air Ambulance to Hosp.	Transport to Med Unit
Mechanism	Hit by a falling tree or large branch Fall of 10' or more 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 above the Joint	Minor blunt trauma Minor penetrating trauma Extremity sprains and strains Simple fracture below elbow or knee
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

If air or ground ambulance is DELAYED:

Package and transport patient to rendezvous with 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.

INCIDENT SAFETY ANALYSIS 215a

Fork Complex CA-SHF-002067 - Tuesday, September 08, 2015

Location	Hazard	Controls for the elimination of the hazard (Engineering, Administrative, PPE, or other) (See Incident Guidance) (Section 37)
	Steep Terrain & Rolling Debris	<ul style="list-style-type: none"> ~ Maintain 8-10' spacing when working & walking ~ Don't work above any personnel ~ Be on the lookout for rolling rocks, debris, or burning material ~ Evaluate necessity to send personnel in areas with limited access ~ Post lookouts (IRPG pg 6)
	Driving & Traffic	<ul style="list-style-type: none"> ~ Practice "Defensive Driving" techniques traveling on all roads and city streets. ~ Use spotters when backing. ~ Honk horn to alert personnel when backing. ~ Keep clutter off dash and inside cab. ~ Follow Driving LCES (Lights, Chock blocks, Emergency brake, Seat belts. ~ Always use headlights. ~ Yield to pedestrians and bicycles. ~ Observe posted speed limits. ~ Use the 3 second rule for following distance when driving. ~ Use chock blocks, turn wheels into hill. ~ Avoid distractions (eating, cell phones, radio). ~ Ensure that windshields are kept clean of dust and bugs.
	Hazard Trees	<ul style="list-style-type: none"> ~ Follow "Hazard Tree Safety" guidelines, IRPG page 22 ~ Post lookouts, or use a spotter in mop-up areas with personnel ~ Don't park vehicles or take breaks in high concentrations of hazard trees ~ Establish trigger points for disengagement during high wind events ~ Remember that the hazard zone extends a minimum of 2 1/2 tree heights
	Poisonous Plants	<ul style="list-style-type: none"> ~ Identify and Avoid hazard areas. ~ Launder clothing. ~ Shower frequently.
	Heavy Equipment Operations	<ul style="list-style-type: none"> ~ Ensure communications are established with operators ~ Use hand signals if other communications are unavailable ~ Maintain a 50' - 100' exclusion area around equipment and increase it to 1 1/2 times tree height when in timber ~ Use a spotter when backing ~ Avoid working below heavy equipment
	Mop-up & Rehab	<ul style="list-style-type: none"> ~ Do not work above or below personnel during rehab/mop-up operations. ~ Alert crew personnel of rolling debris by yelling to affected individuals. ~ Position debris that could roll vertically on slope. ~ Wear eye protection.
	Injury & Medical Emergency	<ul style="list-style-type: none"> ~ Assist injured employee appropriate medical care ~ Use EMT's on Division for initial care ~ Follow medical protocol as outlined in ICS-206 & IRPG Pgs 99-108
	Heat Related Illness (HRI) & Dehydration	<ul style="list-style-type: none"> ~ Drink Fluids throughout operational period (6-8 qts/shift). ~ Maintain water/electrolyte ratio of 3 to 1. ~ Carry extra water on line and cache water at drop points. ~ Take Frequent breaks, minimum of 10 minutes every hour. ~ Allow out of area resources time to acclimatize before expecting peak performance. ~ Recognize symptoms of HEAT RELATED ILLNESS which include. <ul style="list-style-type: none"> o Lack of energy o Headaches, dizziness o Lack of rest o No hunger, poor eating habits o Hot skin, and lack of sweating
	Personal Hygiene	<ul style="list-style-type: none"> ~ Don't share personal items such as water bottles, communication devices and utensils ~ Wash hands before meals, and after use of rest room facilities

Lookouts
Communications
Escape Routes
Safety Zones

Fork Complex
Operation Period: 09/08/15

SAFETY MESSAGE

Planning for Safety

- **Working in high-risk environments requires effective planning to protect personnel from the hazards they may face.**
- **You should have tactical, safety and communication plans which work in concert with one another.**
- **Each plan should include primary, alternate, contingency, and emergency components which are known by all personnel.**
- **Changing from your primary plan should be a red flag that your safety may become compromised.**

MAJOR HAZARDS AND RISKS

STEEP TERRAIN FATIGUE SPOT FIRES	ROLLING MATERIAL DEHYDRATION MARIJUANA GROVES	HEAVY EQUIPMENT DANGER TREES DRIVING
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Be sure all elements of your safety plan are in place prior to engagement

When Driving...Control your speed!



Briefing Protocol

Brief your personnel using the IRPG checklist prior to engagement.

Re-brief anytime your plan changes, unexpected changes compromise the plan or your safety, or anytime essential information becomes new and needs to be communicated.

Ask questions to be sure essential content is understood.

Safety Officer Jim Mackensen, SOF2

Appendix A

Effective Waterbars

When locating and building water bars, 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 (4-6 inches) widths wide and 12-24 inches high for handlines.

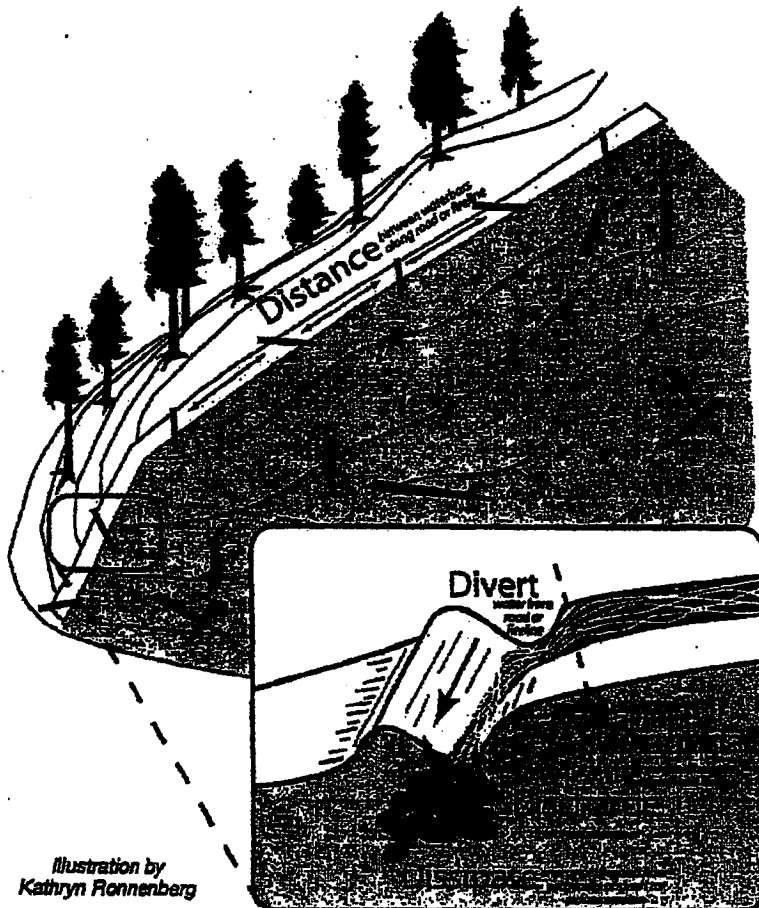


Illustration by
Kathryn Ronnenberg

Fork Complex Fire

Work Assignments - Repair

Tuesday
September 8, 2015

DIVISION M/N:

Repair SHD 46 with excavators, masticator, skid excess material away from line. Avoid Arch sites around SHD 46 (flagged), chip material on to arch sites.

- Gary Cones READ; Gary Diridoni READ

Continue repair in SHD 47 & 48 area with dozers, utilize excavators from SHD 46 when available.

- Lisa Grudzinski READ

Begin Excavator repair on SHD55

- Josh Smith READ

Repair Deerlick Springs campground dozerline with Spyder.

- Josh Smith

Phase 1 repair of dozer lines in that area. Repair ridgetop "Safety Zone" with Dozer 55, 2 excavators and skidder. Utilize Spyder when available for steep repair segments. Remove berm on 30N20 rd.

- Keith Rohrs READ

Escort District hydrologists to potential retardant misapplication sites (Div Q, M/N, Blue Fire)

- Brendan Lukas

Assess drop points and sensitive locations for seeding.

- Mark Skinner READ

ROADS: Repair 30N02 rd on SW side of Shiell, maintain 30N01 rd with water tenders.

- Chad Lawson, Roads Group

DIVISION R:

Barker Fire: Repair 02, 02A, 06, 25, 25A and 84 roads.

- Dave Brown (SHF Hayfork)

NORCAL #1 INCIDENT MANAGEMENT TEAM WATER USAGE LOG

DATE: _____

Division / Group: _____

AGENCY ID / VENDOR: _____

I.e., Strike Team 1110C, Acme Water Tenders

REQUEST # _____

TURN INTO SIT UNIT DAILY

WATER SOURCE LOCATION	Hydrant	Open source i.e. pond	Tank	Gallons Used	Property Owner / Contact Number if known **

****Please note if you made contact with property owner and their contact.
(Use reverse side if needed.)**

Information: _____

The intent of this document is intended to track, record and validated the amount of water used on a incident. It's not intended to review the performance of equipment using the water on an incident.

