

Incident Action Plan

South Complex

CA-SHF-002108

P5J0MZ (0514)



DAY SHIFT

08/04/15

0600 – 1800

**FIRE INFORMATION
(530) 628 - 0093**

INCIDENT OBJECTIVES	1. Incident Name South Complex	2. Date 8/3/2015	3. Time 2150
4. Operational Period 8/04/2015 0600 - 1800			
5. General Control Objectives for the Incident (include alternatives) MANAGEMENT OBJECTIVES: <ul style="list-style-type: none"> Utilize strategies and tactics that provide for firefighter and public safety to the extent possible. Provide initial attack response for new starts within the delegated area. Engage cooperators and stakeholders to jointly provide for the defense of communities and infrastructure. OPERATIONAL OBJECTIVES: <ul style="list-style-type: none"> Minimize impacts to the Trinity River Scenic Byway by keeping the complex south of the Trinity River. Reduce fire spread into Humboldt County by taking advantage of natural and man-made barriers. Utilize terrain features to limit spread to the east of Haypress Meadow. 			
6. Weather Forecast for Period See attached forecast			
7. General 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) Pat Farrell <i>Pat Farrell</i> FOR PSC2		10. Approved by (Incident Commander) Joe Molhoek <i>Joe Molhoek</i>	

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. Incident Name South Complex		Day Ops Chief	Eric Petterson
		Night Ops Chief	Scott Lucas
2. Date 8/3/2015	3. Time 22:31	Planning Ops	Dan George
		a. Branch I – Division/Groups	
4. Operational Period 8/04/2015 0600 - 1800		Branch	
		Division/Group	A Heather Armstrong
		Division/Group	C Greg Jewers
5. Incident Commander and Command Staff		Division/Group	M Tom Browning
Incident Commander	Rick Young	Division/Group	O Matt Gomes
Deputy IC	Joe Molhoek	Division/Group	Q Ellis
Liaison	Tim Fike	Division/Group	S Bernard Spielman
Safety Officer	Terry O'Connell / Steve Davis	Division/Group	Z Porter
Information Officer	Adrienne Freeman / Corey Wilford	b. Branch II – Division/Groups	
		Branch	
6. Agency Representative		Division/Group	
Agency	Name	Division/Group	
Agency Admin	Dave Meyers	Division/Group	
Shasta NF Duty Chief	Gwen Sanchez	Division/Group	
AAR	Lesley Yen		
Lead Resource Advisor	Lois Shoemaker	Division/Group	
Trinity County Sheriff	Mike Rist	c. Branch III – Division/Groups	
Trinity County Advisor	Roger Jaegel / John Chester	Branch	
PG&E	Joe Ceraceri	Division/Group	
American Red Cross	Kendra Pospychalla	Division/Group	
Hyampom Volunteer FD	Joe Watkins	Division/Group	
CHP	Mike Arpai	Division/Group	
Trinity PUD	Rory Barrett	Division/Group	
Cal OES	Gary Humphrey	Division/Group	
7. Planning Section		d. Air Operations Branch	
Chief	Patrick Farrell	Air Operations Branch Director	Dennis Kuster
Deputy		Air Support Group Supervisor	Staci Dickson
Resources Unit	Roberta Lim / Duane Miller / Mike V. (t)	Air Support Group Supervisor	Alexander Stone
Situation Unit	Keith Flood / John Owen (t)	Air Tactical Group Supervisor	Hardy Bloemeke
Documentation Unit		Helitack Base Manager	
Demobilization Unit			
Fire Behavior Unit	Ken Larson	10. Finance Section	
Incident Meteorologist	Andy Haner	Chief	Beth Lopez
CTSP	Shane Neal	Deputy	Rich Andersen
Training Specialist	Brad Smith	Personnel Time Unit	Penny Portlock
GISS	Mark Grupe / Stacey Mikulovsky/ M. Kerr	Equipment Time Unit	Juanita Cortez
HRSP		Cost Unit	Sam Rapphahn
Status Check-In	Rubina Vigil	Compensation / Claim Unit	Tina Kennedy
8. Logistics Section		IBA	Anna Dillard
Chief	Jack Costello		
Deputy	Aaron Lowe (t)		
Supply Unit	Tracey Valentine	Prepared By: Duane Miller – RESL	
Facilities Unit	Bill Patten / Ric Crowther		
Ground Support Unit	John Fell / Merle Drucker		
Communications Unit	Don Stoner		
Medical Unit	Patrick Young		
Food Unit	Kevin Browning		



South Complex Fire Weather Forecast



FORECAST NO: 03

NAME OF FIRE: South Complex

PREDICTION FOR: Tuesday Day Shift

UNIT: Shasta-Trinity National Forest

SHIFT DATE: Aug 4, 2015

SIGNED: *Andy Haner* *AH*
Incident Meteorologist

TIME AND DATE

FORECAST ISSUED: Aug 3, 2015 @ 2000 PDT

WEATHER DISCUSSION: Tuesday will be a fairly straightforward weather day, with warm temperatures, somewhat low humidity, and a thunder-free experience. Smoke will likely take until near mid-afternoon to lift. Do be on the lookout for the development of gentle and moderate northwest breezes in the afternoon.

Weather Forecast for Tuesday:

Weather: Clear but smoky in the morning, then a few cumulus buildups in the afternoon

High Temperature... 85-93

Min RH..... 27-32%

20-FOOT WINDS:

Ridgetop..... East-Southeast 4-8 mph until mid-day, then becoming northwest 8-14 mph in the afternoon

Slope/Valley..... Upslope/upvalley 4-8 mph

CWR (>=0.10")....0% **LAL....**1 (No Lightning)

Weather Forecast for Tuesday Night:

Weather: Clear

Low Temperature... 52-56 degrees

Max RH..... Good Recovery...70-85%. Overnight above 4000 feet, RH falling to near 45% by sunrise.

20-FOOT WINDS:

Ridgetop..... East 6-10 mph

Slope/Valley..... Light and variable, or calm

CWR (>=0.10")....0% **LAL....**1 (No Lightning)

Outlook for Wednesday:

Weather: Sunny, but smoke will hang in more stubbornly

High Temperature... 85-93

Min RH..... 27-32%

20-FOOT WINDS:

Ridgetop..... East-Southeast 4-8 mph until mid-day, becoming northwest 7-12 mph in the afternoon

Slope/Valley..... Upslope/upvalley 4-8 mph

CWR (>=0.10")....0% **LAL....**1 (No Lightning)

EXTENDED OUTLOOK for Thursday through Saturday:

A significant warming and drying trend will take place on Thursday, with a corresponding drop in relative humidity. RH values in the teens will occur on parts of the fire complex. On Friday, there will be a significant threat of lightning over the South Complex, though the increase in clouds and moisture will also lead to some cooling and an increase in RH on Friday. Saturday will see a lessening – but not elimination – of the lightning threat, but a more humid and less hot air mass will pass across the fire area.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 3	TYPE OF FIRE: Wildland Fire
FIRE NAME: South Complex	OPERATIONAL PERIOD: 0600 – 1800, August 4, 2015
DATE ISSUED: AUGUST 3, 2015	TIME ISSUED: 2100
UNIT: Shasta-Trinity NF	SIGNED: /s/ Ken Larson, FBAN

INPUTS

WEATHER SUMMARY: ***See attached Fire Weather Forecast***

Discussion: Today will bring warm temperatures and somewhat low humidity. There should be no thunderstorm activity today. Expect smoky conditions most of the day.

Weather: Clear but smoky in the morning. A few cumulus buildups in the afternoon.

Max Temp: 85 - 93°

Min RH: 27 - 32%

Winds (20 foot): Ridgetop: E-SE 4-8 mph until mid-day, shifting to NW 8-14 mph in the afternoon
Slope/Valley: Upslope/upvalley 4-8 mph

FIRE BEHAVIOR

GENERAL

The reduced threat of thunderstorms and associated winds is a welcome change. No significant changes in temperature and humidity will result in little change in fire behavior. Hayfork ERC for August 2 was 53.

SPECIFIC FIRE BEHAVIOR

Expect the fire behavior to be minimal until early afternoon. Fire spread will be primarily upslope/up canyon during the operational period. Backing fire and roll-out will also contribute to spread. Smoke will persist most of the day resulting in reduced fire activity.

Brush/previous burn areas: potential worst-case surface fire spread will be 15-25 chains/hour with flame length 4-6 feet. Spotting could increase total spread distance significantly. Anticipate spotting distances up to 1/10 mile. Probability of ignition at the peak of the burning period will be 60-70%.

Timber fuel types: potential worst-case surface fire spread will be 5-10 chains/hour with flame length 4 to 6 feet. Torching trees and short-duration crown runs should be expected. Spotting distance will be up to 1/10 mile. Probability of ignition will be 60-70%.

AIR OPERATIONS



Air operations may be limited much of the day due to poor visibility caused by smoke.

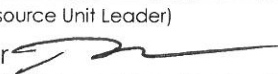
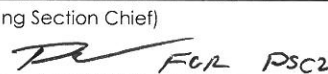
Sunrise: 06:12



Sunset: 20:24

SAFETY

- A noticeable increase in fire behavior occurs once the inversion lifts; post lookouts to monitor weather and changes in fire behavior that indicate fire activity is transitioning.
- Ensure safety zones are adequate for the anticipated fire behavior and that escape routes to reach them are properly identified.

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group			
3. Incident Name South Complex		4. Operational Period Date: 8/04/15		DAY OPERATIONS Time: 0600 - 1800			
5. Operations Personnel							
Operations Chief		Eric Petterson		Division/Group Supervisor		Heather Armstrong	
Branch Director				Air Operations		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 Elk Mountain IHC		8/5	20		0700	1800	
ENG3 SHF 62 (E-163)	Josiah Obst / Michael Williams (t)	8/7	5		0700	1800	
ENG3 WNP2 (E-8)	Mike Allen	8/13	5		0700	1800	
ENG3 302 (E-3)	Paul Storey / Adam Halsey (t)	8/15	3		0700	1800	
ENG3 Bratcher (E-49)			3		0700	1800	
ENG3 Bratcher (E-50)			3		0700	1800	
DOZ2 Bar717		8/14	1		0700	1800	
DOZ2 w/LOWB Hat Creek (E-85) 24HR	Richard Guimond	8/16	1		0700	1800	
DOZ2 w/LOWB Trinity River (E-54)	Butch Smith	8/15	1		0700	1800	
WT2 North Lyon (E-14)	Stephen Kuntz	8/15	2		0700	1800	
WT2 Darrah (E-39) 24HR	Steve Darger	8/16	1		0700	1800	
WT2 Darrah (E-37) 24HR	Duane Williams	8/16	1		0700	1800	
FALM (O-78)	Jason Ablers	8/13	2		0700	1800	
HEQB (O-9)	Steve Dean	8/15	1		0700	1800	
SOFR (O-52)	Terry Adams	8/15	1		0700	1800	
FEMP / FEMT	Travis Robinson / Scott Dealba	8/16	2		0700	1800	
7. Control Operations							
<ul style="list-style-type: none"> Provide point protection to values at risk. Initiate perimeter control on high priority fires. Hold and patrol established containment lines. 							
8. Special Instruction							
<ul style="list-style-type: none"> Resources need to utilize Water Use log sheet located in IAP and turn into Division at end of shift. 							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 164.1250 TX 164.8250	SER NET	Ch 1 Tone: 12	Alt. Command	RX 171.5750 TX 169.1000	SHF RPT	Ch 2 Tone: 4
Tactical Division/Group	RX 167.1125 TX 167.1125	R5 TAC 5	CH 6 Tone: 3	Air to Ground	RX 168.7375 TX 168.7375		CH 8
Prepared by (Resource Unit Leader)		Approved by (Planning Section Chief)			Date		Time
Duane Miller 		Patrick Farrell  FOR PDCR			8/3/2015		23:09

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group C		
3. Incident Name South Complex			4. Operational Period DAY OPERATIONS Date: 8/04/15 Time: 0600 - 1800				
5. Operations Personnel							
Operations Chief		Eric Petterson		Division/Group Supervisor		Greg Jewers	
Branch Director				Air Operations		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 Inyo IHC				8/4	20		1800
HC2IA Firestorm (C-1)				8/14	20		1800
ENG 3333				8/14			1800
ENG 3337				8/14			1800
ENG 3331				8/14			1800
ENG 2474				8/14			1800
ENG 331				8/14			1800
DOZ2 w/LOWB Gerret					1		1800
DOZ2 w/LOWB Strief (E-52) 24HR		Andy McBroom		8/15	1		1800
WT2 CJ's (E-65)				8/14	1		1800
WT2 CJ's (E-64)				8/14	1		1800
WT2 Bunn (E-15) 24HR		Steve Dean		8/15	1		1800
FEMP / FEMT		Travis Robinson / Scott Dealba		8/16	1		1800
7. Control Operations							
<ul style="list-style-type: none"> Provide point protection to values at risk. Initiate perimeter control on high priority fires. Hold and patrol established containment lines. 							
8. Special Instruction							
<ul style="list-style-type: none"> Resources need to utilize Water Use log sheet located in IAP and turn into Division at end of shift. 							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 164.1250 TX 164.8250	SER NET	Ch 1 Tone: 12	Alt. Command	RX 171.5750 TX 169.1000	SHF RPT	Ch 2 Tone: 4
Tactical Division/Group	RX 166.5500 TX 166.5500	R5 TAC 4	CH 5 Tone: 3	Air to Ground	RX 168.7375 TX 168.7375		CH 8
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time
Duane Miller 			Patrick Farrell 			8/3/2015	22:53

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group Z		
3. Incident Name South Complex			4. Operational Period DAY OPERATIONS Date: 8/04/15 Time: 0600 - 1800				
5. Operations Personnel							
Operations Chief		Eric Petterson		Division/Group Supervisor		Porter	
Branch Director				Air Operations		Dennis Kuster	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader		Last Shift	Number Persons	Trans. Needed	Pick Up PT./Time
HCHM Crew 506				8/14	7		1800
ENG4 Eye of Eagle 2 (E-21)		Brick Simonis		8/16	3		1800
ENG6 Eagle Cap 02 (E-20)		James Dittrick		8/16	3		1800
ENG6 Utah Co. 503 (E-16)		Ernie Magana		8/17	3		1800
ENG6 Iron Triangle (E-3)		Clair Wallan		8/16	3		1800
WT2 - Tactical 71 (E-10)		Nick Revelle		8/14	2		1800
WT2 Zabel (E-10) 24HR		Frank Zabel		8/14	2		1800
WT2 (E-8) 24HR							1800
HEQB		Fawcett			1		1800
SOF2		Canfield			1		1800
FEMT (O-74)		Jensen			1		1800
FEMT (O-73)		Packwood			1		1800
7. Control Operations <ul style="list-style-type: none"> • Provide point protection to values at risk. • Initiate perimeter control on high priority fires. • Hold and patrol established containment lines. 							
8. Special Instructions <ul style="list-style-type: none"> • Resources need to utilize Water Use log sheet located in IAP and turn into Division at end of shift. 							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 164.1250 TX 164.8250	SER NET	Ch 1 Tone: 12	Alt. Command	RX 171.5750 TX 169.1000	SHF RPT	Ch 2 Tone: 4
Tactical Division/Group	RX 168.2375 TX 168.2375	R5 TAC 6	CH 7 Tone: 3	Air to Ground	RX 168.7375 TX 168.7375		CH 8
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time
Duane Miller 			Patrick Farrell  FUL PSC2			8/3/2015	2144

-AIR OPERATIONS SUMMARY

Prepared By: Dennis Kuster

Prepared Date 8/3/2015

Prepared Time: 22:00

1. INCIDENT NAME: South Complex	2. OPS PERIOD DATE: 8/4/2015	START TIME: 0800	END TIME: 2100	SUNRISE: 0612	SUNSET: 2026
3. REMARKS (Safety Notes, Hazards, Air Operations, Special Equipment, etc.): Watch for wires in river canyon. Beware of rapidly changing VFR conditions due to smoke. Track where water was taken from.					
4. READY ALERT AIRCRAFT MEDEVAC- H 506 I.A. - H 506			5. TFR #: South 5/4877 Polygon 9,000 MSL 127.0250		

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	127.0250	165.0125	AIRTANKERS - Ordered by ATGS		
ASGS	Staci Dickson	530-277-5153	AIR/ AIR RW	123.6250		LEAD PLANES- Ordered by ATGS		
ASGS	Alex Stone	520-437-2600						
ATGS	Hardy Bloemeke	406-640-1715	AIR/ AIR RW- FF			AA-6252X		
ATGS (T)	Steve Reed	406-360-9686						
ASGS(T)			A/G		168.7375			
			A/G					
HEB2	Larry Helsley	530-623-0616	COMMAND	See Comm	Plan	SHF ECC Aircraft Dispatcher 530-226-2400		
HEB1						OTHER FW AIRCRAFT-		
Helibase			DECK		163.100			
Air Ops Desk			TOLC					
			AERIAL FIRING					

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
506	2	Bell 205 A1++	Weaverville	0800	0800				Forks				
553	3	Bell 407	Weaverville	0800	0800								
699	1	Kmax	Weaverville	0800	0800								

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

INCIDENT RISK ANALYSIS

SOUTH COMPLEX CA-SHF-002108 (ICS 215A) Day Shift

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES	
ALL	DANGER TREES	<ul style="list-style-type: none"> • Follow "Hazard Tree Safety" guidelines, IRPG pages 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". 	
ALL	TRAFFIC & DRIVING	<ul style="list-style-type: none"> • Practice "Defensive Driving" techniques. • Use spotters when backing. • Always use headlights. • Use warning lights when working on roads or traveling in smoke. • Observe posted speed limits. • Use chock blocks, turn wheels into hill. • Many roads are narrow and mid slope, use caution. 	
ALL	STRUCTURE PROTECTION	<ul style="list-style-type: none"> • Review Structure Protection; IRPG pages 12-16. • Do not commit to stay on a structure unless the area around the structure represents an adequate safety zone. • Set trigger points to disengage and allow adequate time to relocate to primary and secondary safety zones. • Look for propane tanks and other hazardous materials. 	
ALL	STEEP TERRAIN & ROLLING DEBRIS	<ul style="list-style-type: none"> • Maintain 8'-10' spacing when working & walking. • Don't work above any personnel. • Evaluate necessity to send personnel in areas with limited access. 	
ALL	ENVIRONMENTAL HAZARDS	<ul style="list-style-type: none"> • Keep alert for wildlife, rattlesnakes, insects, and plants. Watch footing and hand placement around rocks. • Personal hygiene is #1 when it comes to Poison Oak Prevention. 	
ALL	AIR OPERATIONS	<ul style="list-style-type: none"> • Follow "Aviation Watch-Out Situations" on page 44, IRPG. • Don't plan on air resources for medical transport or resupply. • Refer to page 57, IRPG for directing bucket drops. • Ensure positive communication with all air resources. 	
ALL	HEAT RELATED ILLNESS (HRI) & DEHYDRATION	<ul style="list-style-type: none"> • Drink 2 to 1 water to sports drinks. • Take Frequent breaks, minimum of 10 minutes every hour. • Recognize symptoms of HEAT RELATED ILLNESS which include <ul style="list-style-type: none"> - Lack of energy, Headaches, dizziness, lack of rest, no hunger, poor eating habits, hot skin, and lack of sweating 	
DIV A, C, S	LINE CONSTRUCTION	<ul style="list-style-type: none"> • Conduct thorough briefing for all personnel (inside rear cover IRPG). • Ensure LCES in place prior to engagement (IRPG p. 7). • Adhere to 10 Std. Orders, mitigate 18 Situations. • Use Downhill Line Checklist (IRPG p. 9). • Utilize Risk Management Process (IRPG p.1). 	
DIV A, C	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. • Use a spotter when backing. 	
ALL	COMMUNICATIONS	<ul style="list-style-type: none"> • Be sure you are monitoring the command, your tactical, and A/G channels. • Verify your radio communications is working prior to engagement, and as your location changes. • Radio Communications may be poor in some areas. • Ensure all personnel are familiar with the incident and IA communications plans. 	
ALL	MARIJUANA PLANTATIONS	<ul style="list-style-type: none"> • Maintain situational awareness. • Watch for open areas and sign of improvements or irrigation systems. • Be aware of evidence that cultivation has occurred in the area. • If you stumble upon an area with probable cultivation be extremely cautious, exit on the same route you arrived and notify supervisor immediately. 	
DIV C,M,S, Z	HIGH VOLTAGE POWER LINES	<ul style="list-style-type: none"> • Smoke can conduct electricity; stay 150' clear of lines / towers in heavy smoke. • Do not operate heavy equipment under power lines. • Do not park under power lines. • Watch for fallen power lines, stay 200' away, notify your supervisor • Follow power line safety guide in the IRPG page 24 	
INCIDENT NAME: South Complex ICS 215a		DATE PREPARED: <p style="text-align: center;">August 3, 2015</p> TIME PREPARED: 1400 HOURS	OPERATIONAL PERIOD Day Shift 08/04/15 0600-1800 Prepared by S. Davis

**Lookouts
Communications
Escape Routes
Safety Zones**

South Complex

Operation Period: 08/04/2015 Day Shift

SAFETY MESSAGE

COMMON TACTICAL HAZARDS

POSITION

- Building fireline downhill.
- Building underslung or mid-slope fireline.
- Building indirect fireline, or unburned fuel remains between you and the fire.
- Attempting frontal assault on the fire, or you are delivered by aircraft to the top of the fire.
- Depending on escape routes that are uphill or difficult to travel.

SITUATION

- Poor communication
- Suppression resources are fatigued or inadequate.
- Assignment or escape route depends on aircraft.
- Nighttime operations.
- Wildland urban interface operations.

MAJOR HAZARDS AND RISKS

STEEP TERRAIN FATIGUE SPOT FIRES	ROLLING MATERIAL DEHYDRATION BUCKET DROPS	HEAVY EQUIPMENT HAZARD TREES POISON OAK
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Be sure all elements of your safety plan are in place prior to engagement

Situational Awareness

Help maintain your Situational Awareness by doing the following:

- Constantly observing your environment.
- Interpret and process information received.
- Sharing information by discussing the situation.

Stay Hydrated

Drink fluids before, during, and after the shifts.

For every 2 bottles of water, drink 1 bottle of Gatorade.

At 2% dehydration, performance will fall off by 10-20% and is the #1 trigger of fatigue.

MEDICAL PLAN (ICS 206 WF)

1. Incident Name: South Complex		2. Operational Period:		Date From 08/04/2015	Date To 0600			
				Time From 08/04/2015	Time To 1800			
3. Ambulance Services:								
Name	Complete Address	Phone / Frequency	Advanced Life Support (ALS)					
			YES	NO				
Medical Unit	ICP	530-312-4219	XX					
Trinity County Ambulance	Hayfork, Ca	530-226-2400	XX					
Frontline Medical	Base Camp	N/A	XX					
4. Air Ambulance Services:								
Name	Phone	Type of Aircraft & Capability						
REACH	530-226-2400	RN's, Day and Night						
Mercy Air PHI	530-226-2400	RN's, Day and Night						
CHP	530-226-2400	Hoist Capable						
CalFire	530-226-2400	Hoist Capable						
Air National Guard	530-226-2400	Hoist Capable						
5. Hospitals:								
Name Complete Address	GPS Datum – WGS 84 Coordinate Standard Degrees Decimal Minutes DD° MM.MMM° N – Lat DD° MM.MMM° N – Long		Travel Time		Phone	Helipad		Level of Care Facility
	Lat:	Long:	Air	Gnd		Yes	No	
Trinity Hospital 410 N. Taylor St Weaverville, Ca.	Lat:	N 41 15.48'	15 Min	1.5 Hrs.	530-623-5541 Ext 1 for ER	XX		
	Long:	W 122 16.15'						
	VHF:							
Shasta Regional Medical Center 1100 Butte Redding, Ca.	Lat:	N 40 35.08'	35 Min	2.5 Hrs.	530-244-5353	XX		Level 3 Trauma
	Long:	W 122 23.25'						
	VHF:							
Mercy Medical Center 2175 Rosaline Ave. Redding, Ca.	Lat:	N 40 34.29'	35 Min	2.5 Hrs.	530-225-7201	XX		Level 2 Trauma
	Long:	W 122 23.67'						
	VHF:							
U.C. Davis Med. Center 2315 Stockton Blvd. Sacramento, Ca.	Lat:	N 38 33.17'	1 Hour	6 Hrs.	916-734-3636 916-734-3790	XX		Level 1 Trauma Burn Center
	Long:	W 121 27.21'						
	VHF:							
	Lat:							
	Long:							
	VHF:							
6. Branch Division/Group – Area Location Capability								
Branch	EMS Responders and Capability		FEMP Robinson and FEMT Dealba					
	Equipment Available on Scene		ALS Gear					
	Medical Emergency Channel		Calcord					
	ETA for Ambulance to Scene:							
Division/Group A and C	Air:		35 Minutes					
	Ground		45 Minutes					
	Approved Helispot		Airport					
	Lat:							
Long:								
ICS 206 WF	IAP Page							

Branch	EMS Responders and Capability	
	Equipment Available on Scene	
	Medical Emergency Channel	Calcord
	ETA for Ambulance to Scene:	
	Air:	40 Minutes
Division/Group M	Ground	1 Hour 15 Minutes
	Approved Helispot	Airport
	Lat:	
	Long:	
Branch	EMS Responders and Capability	
	Equipment Available on Scene	
	Medical Emergency Channel	
	ETA for Ambulance to Scene:	
	Air:	45 Minutes
Division/Group O	Ground	1 Hour 30 Minutes
	Approved Helispot	Airport
	Lat:	
	Long:	

Branch	EMS Responders and Capability	
	Equipment Available on Scene	
	Medical Emergency Channel	Calcord
	ETA for Ambulance to Scene:	
	Air:	40 Minutes
Division/Group Q	Ground	1 hour 35 minutes
	Approved Helispot	
	Lat:	
	Long:	
Branch	EMS Responders and Capability	
	Equipment Available on Scene	
	Medical Emergency Channel	Calcord
	ETA for Ambulance to Scene:	
	Air:	45 Minutes
Division/Group S	Ground	1 hour 15 Minutes
	Approved Helispot	
	Lat:	
	Long:	

Division/Group Z	Point of Contact	
	EMS Responders & Capability	FEMT Jensen FEMT Packwood
	Equipment Available at Location	
	Medical Emergency Channel	Calcord
	ETA for Ambulance to Scene:	
	Air:	45 Minutes
	Ground	1 hour 30 minutes
	Approved Helispot	
	Lat:	
Long:		

8. Prepared by: (Medical Unit Leader)	9. Date / Time	10. Prepared by: (Safety Officer)	11. Date / Time
Patrick Young MEDL	08/03/2015 @2200	Steve Davis SOF 2	08/03/2015 @ 2200

LINE EMERGENCY:

Crew Supervisor to contact DIVS with patient complaint/condition and location.

- 1) DIVS contacts:
 - Line EMT (If Assigned)
 - Communications Unit
 - Operations / Branch
- 2) On scene EMT, DIVS and Medical Unit Leader decide mode of transportation required.
- 3) Communications Unit contacts:
 - Medical Unit
 - Transport Dispatch
 - Safety
 - In Camp Operations
 - Helibase , if Air Ambulance in bound
- 4) Operations and Medical Unit will manage medical emergency with Communications.
- 5) **If a Medical/MeDEVAC is needed be sure to:**

Know the lat. and long. of the closest helispot.

Medical Incident Report

FOR ALL MEDICAL EMERGENCIES: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.

Use items one through nine to communicate situation to communications/dispatch.

1. CONTACT COMMUNICATIONS/DISPATCH

Ex: "Communications, Div. Alpha. Stand-by for Priority Medical Incident Report." (If life threatening request designated frequency be cleared for emergency traffic.)

2. INCIDENT STATUS: Provide incident summary and command structure.

Nature of Injury/Illness		<i>Describe the injury (Ex: Broken leg with bleeding)</i>
Incident Name		<i>Geographic Name + "Medical" (Ex: Trout Meadow Medical)</i>
Incident Commander		<i>Name of IC</i>
Patient Care		<i>Name of Care Provider (Ex: EMT Smith)</i>

3. INITIAL PATIENT ASSESSMENT: Complete this section for each patient. This is only a brief, initial assessment. Provide additional patient info after completing this 9 Line Report.

Number of Patients:	Male / Female	Age:.	Weight:.
Conscious? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVAC!			
Breathing? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVAC!			
Mechanism of Injury: <i>What caused the injury?</i>			
Lat/Long (Datum WGS84) <i>Ex: N 40° 42.45' x W 123° 03.24'</i>			

4. SEVERITY OF EMERGENCY, TRANSPORT PRIORITY

SEVERITY	TRANSPORT PRIORITY
<input type="checkbox"/> URGENT-RED Life threatening injury or illness. <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2° – 3° burns more than 4 palm sizes, heat stroke, disoriented.</i>	Ambulance or MEDEVAC helicopter. Evacuation need is IMMEDIATE.
<input type="checkbox"/> PRIORITY-YELLOW Serious Injury or illness. <i>Ex: Significant trauma, not able to walk, 2° – 3° burns not more than 1-2 palm sizes.</i>	Ambulance or consider air transport if at remote location. Evacuation may be DELAYED.
<input type="checkbox"/> ROUTINE-GREEN Not a life threatening injury or illness. <i>Ex: Sprains, strains, minor heat-related illness.</i>	Non-Emergency. Evacuation considered Routine of Convenience.

5. TRANSPORT PLAN:

Air Transport: (Agency Aircraft Preferred)

- Helispot
 Short-haul/Hoist
 Life Flight
 Other

Ground Transport:

- Self-Extract
 Carry-Out
 Ambulance
 Other

6. ADDITIONAL RESOURCE/EQUIPMENT NEEDS:

<input type="checkbox"/> Paramedic/EMT(s)	<input type="checkbox"/> Crew(s)	<input type="checkbox"/> SKED/Backboard/C-Collar
<input type="checkbox"/> Burn Sheet(s)	<input type="checkbox"/> Oxygen	<input type="checkbox"/> Trauma Bag
<input type="checkbox"/> Medication(s)	<input type="checkbox"/> IV/Fluid(s)	<input type="checkbox"/> Cardiac Monitor/AED
<input type="checkbox"/> Other (i.e. splints, rope rescue, wheeled litter)		

8. EVACUATION LOCATION:

Lat/Long (Datum WGS84) <i>EX: N 40 42.45' x W 123 03.24'</i>	
Patient's ETA to Evacuation Location:	
Helispot/Extraction Size and Hazards:	

9. CONTINGENCY:

INCIDENT RADIO COMMUNICATIONS PLAN		1. Incident Name SOUTH COMPLEX		2. Date/ Time Prepared 8/3/2015 20:00		3. Operational Period Date/Time 08/04/2015 06:00 - 18:00	
4. Basic Radio Channel Utilization							
Mode: W=Wideband Analog, N=Narrowband Analog, D=Digital, M=Mixed							
Channel	Function	Frequency	Tone	Mode	Assignment	Tone	Remarks
1	SER NET	RX: 164.1250	12	N	CMD		Tone 12 (127.3)
		TX: 164.8250					
2	SHF RPT	RX: 171.5750	4	N	ALT CMD		Tone 4 (136.5)
		TX: 169.1000					
3	NIFC TAC 2	RX: 168.2000		N	I / A		
		TX: 168.2000					
4	NIFC TAC3	RX: 168.6000	3	N	DIV M / Q		Tone 3 (131.8)
		TX: 168.6000					
5	R5 TAC 4	RX: 166.5500	3	N	DIV S / C		Tone 3 (131.8)
		TX: 166.5500					
6	R5 TAC 5	RX: 167.1125	3	N	DIV A		Tone 3 (131.8)
		TX: 167.1125					
7	R5 TAC 6	RX: 168.2375	3	N	DIV Z / O		Tone 3 (131.8)
		TX: 168.2375					
8	AIR TO GROUND	RX: 168.7375		N	all DIVs		
		TX: 168.7375					
9	SHF TN12	RX: 171.5750	12	N	ALT CMD		Tone 12 (127.3)
		TX: 169.1000					
10	CH 10			N			
11	CH 11			N			
12	CH 12			N			
13	CH 13			N			
14	CH 14			N			
15	CALCORD	RX: 156.0750	6	N	Medical		Tone 6 (156.7)
		TX: 156.0750					
16	AirGuard	RX: 168.6250	1	N	EMERGENCY		Tone 1 (110.9)
		TX: 168.6250					
5. Prepared by (Communications Unit)							
D Stoner							

NORCAL 2

INCIDENT MANAGEMENT TEAM

WATER USAGE LOG

DATE: _____

Division / Group: _____

AGENCY ID / VENDOR: _____

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

REQUEST # _____

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 an incident. It's not intended to review the performance of equipment using the water on an incident.

UNIT LOG		1. Incident Name	2. Date Prepared	3. Time Prepared
4. Unit Name / Designators		5. Unit Leader (Name and Position)		6. Operational Period
7. Personnel Roster Assigned				
Name		ICS Position		Home Base
8. Activity Log				
Time		Major Events		
9. Prepared by (Name and Position)				

