

INCIDENT ACTION PLAN

RIVER COMPLEX

CA- SHF-002066

P5J0HR 0514



September 9, 2015

0700-2000

SCAN DAILY FOR UPDATED MAPS



MOBILE INCIDENT MAPS

INCIDENT OBJECTIVES	Incident Name RIVER COMPLEX	Date 9/8/15	Time 1425
Operational Period 9/9/2015 0700 - 2000			
<p>General Control Objectives for the Incident (include alternatives)</p> <p>MANAGEMENT OBJECTIVES:</p> <ul style="list-style-type: none"> • Provide for the safety of all responders and the public by utilizing national Risk Management Standards. • Provide initial attack assistance for new starts within the delegated area. • Reduce firefighter exposure by only engaging in suppression operations with the highest probability of success. • Engage cooperators and stakeholders to jointly provide for the defense of communities, infrastructure, and other economic interests. • Utilize local resource specialists to identify and protect sensitive sites when possible. • Maintain and enhance community and stakeholder relationships through accurate and timely dissemination of information updates. • Manage costs appropriate with values at risk. • Implement suppression repair plan based on available resources and fire status. <p>CONTROL OBJECTIVES:</p> <ul style="list-style-type: none"> • Keep Fire North and above Hwy 299 to maintain Hwy 299 transportation integrity. • Keep Fire East of the Hoopa Valley Tribal lands and South of the Klamath National Forest to limit cooperator impacts. • Keep Fire West of North Fork of Trinity River to protect non-wilderness values at risk. 			
Weather Forecast for Period SEE ATTACHED FORECAST			
<p>General Safety Message</p> <ul style="list-style-type: none"> • Ensure that every mission has a purpose, and that the potential gains of all tactical operations are appropriate with the risk involved. 			
Attachments (mark if attached)			
<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Safety Message	
<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> LCES Worksheet	
<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input checked="" type="checkbox"/> Weather		
Prepared by (Planning Section Chief) B. Olds 	Approved by (Incident Commander) R. Holt/ J. Obst (T) 		

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. Incident Name River Complex		Day Ops Chief	Steve Clark
		Night Ops Chief	
2. Date 9/8/2015	3. Time 22:58	Planning Ops	
4. Operational Period SEPTEMBER 9, 2015 0700 - 2000		a. Branch I – Division/Groups	
		Branch	
		Division/Group	A Josh Wright
		Division/Group	N Warren Swab
5. Incident Commander and Command Staff		Division/Group	O Jesse Brunk
Incident Commander	Robert Holt / Josiah Obst (T)	Division/Group	Suppression Repair Cameron Todd/ Cassey Coppi (t)
Deputy IC		Division/Group	
Liaison		Division/Group	
Safety Officer	Steve Ryberg/ Rob Pelton (T)		
Information Officer	Norm Rooker/ Scott Isaacson	b. Branch II – Division/Groups	
		Branch	
6. Agency Representative		Division/Group	
Agency	Name	Division/Group	
SHF Agency Admin Rep	Matt Boisseau / Tina Lynsky	Division/Group	
SRF Agency Admin Rep	Nolan Colegrove	Division/Group	
Hoopa Tribal Rep	Rod Mendez	Division/Group	
		c. Branch III – Division/Groups	
		Branch	
		Division/Group	
		Division/Group	
		Division/Group	
		d.	
		Division/Group	
		Manager	
7. Planning Section		e. Air Operations Branch	
Chief	Bobby Olds	Air Operations Branch Director	
Deputy		Air Support Group Supervisor	
Resources Unit	Dan Saalfrank	Air Tactical Group Supervisor	
Situation Unit	Melania Stoeber	Helitack Base Manager	
Documentation Unit			
Demobilization Unit			
Fire Behavior Unit		10. Finance Section	
Incident Meteorologist		Chief	Vicki Wilson
Technical Specialist		Deputy	Betty Ballard
Training Specialist		Personnel Time Unit	Crystal Sisto-Druk
GISS	Melania Stoeber	Equipment Time Unit	
HRSP		Cost Unit	
Status Check-In		Compensation / Claim Unit	
8. Logistics Section		Procurement Unit Leader	
Chief	Chuck House	IBA	
Deputy			
Supply Unit	Ken Harris	Prepared By: Bobby Olds (PSC3)	
Facilities Unit	Jeff Dixon/ Chris Walker		
Ground Support Unit	Cliff Twine		
Communications Unit			
Medical Unit	Christopher Dean FEMT		
Food Unit			

Spot Forecast for River Complex Fire

National Weather Service Eureka

1029 PM PDT Tue Sep 8 2015

IF CONDITIONS BECOME UNREPRESENTATIVE,
CONTACT THE NATIONAL WEATHER SERVICE.

SPOT FORECAST FOR RIVER COMPLEX...USFS SHF
NATIONAL WEATHER SERVICE EUREKA CA
1029 PM PDT TUE SEP 8 2015

FORECAST IS BASED ON REQUEST TIME OF 2200 PDT ON SEPTEMBER 08.
IF CONDITIONS BECOME UNREPRESENTATIVE...CONTACT THE NATIONAL WEATHER
SERVICE.

.DISCUSSION...AN UPPER LEVEL RIDGE WILL DOMINATE THE WEATHER PATTERN
THROUGH THE WORK WEEK WHICH WILL PROLONG DRY CONDITIONS AND ABOVE
NORMAL
TEMPERATURES. WEAK OFFSHORE FLOW WILL PERSIST OVER THE NEXT FEW
NIGHTS
RESULTING IN FAIR TO POOR RH RECOVERIES ACROSS MID SLOPES AND RIDGES.
A PATTERN CHANGE WILL DEVELOP OVER THE WEEKEND AS THE RIDGE BEGINS TO
BREAK DOWN. THIS WILL BRING A RETURN OF NEAR NORMAL TEMPERATURES WITH
IMPROVING WEEKEND RH RECOVERIES.

.WEDNESDAY...

SKY/WEATHER.....SUNNY. PATCHY SMOKE.
MAX TEMPERATURE.....87 TO 92 RIDGES...97 TO 102 VALLEYS.
MIN HUMIDITY.....8 TO 11 PERCENT.
EYE LEVEL WINDS.....EAST 3 MPH...SHIFTING TO THE SOUTHWEST 3 TO 5 MPH
IN THE AFTERNOON.
SURROUNDING RIDGE...EAST 5 MPH...SHIFTING TO THE SOUTHWEST 5 TO 10
MPH IN THE AFTERNOON.
MIXING HEIGHT.....300 FT AGL INCREASING TO 7500 FT AGL LATE IN
THE MORNING...THEN DECREASING TO 4000 FT AGL
LATE IN THE AFTERNOON.
MIXING WINDS.....SOUTHEAST 6 MPH.
WIND (20 FT).....EAST 3 TO 5 MPH...SHIFTING TO THE SOUTHWEST 5 MPH
IN THE AFTERNOON.
LAL.....1.
CWR.....0 PERCENT.

.WEDNESDAY NIGHT...

SKY/WEATHER.....CLEAR. PATCHY SMOKE.
MIN TEMPERATURE.....62 TO 67 RIDGES...59 TO 64 VALLEYS.
MAX HUMIDITY.....32 TO 37 PERCENT RIDGES...43 TO 48 PERCENT
VALLEYS.
EYE LEVEL WINDS.....WEST 3 TO 5 MPH...SHIFTING TO THE NORTHEAST 3 MPH
AFTER MIDNIGHT.
SURROUNDING RIDGE...SOUTHWEST 5 TO 10 MPH...SHIFTING TO EAST 5 MPH
AFTER MIDNIGHT.
MIXING HEIGHT.....4000 FT AGL DECREASING TO 300 FT AGL LATE IN
THE EVENING.
MIXING WINDS.....NORTH 6 MPH.
WIND (20 FT).....WEST 5 MPH...SHIFTING TO THE NORTHEAST 3 TO 5 MPH
AFTER MIDNIGHT.
LAL.....1.
CWR.....0 PERCENT.

MIXING WINDS.....SOUTHEAST 6 MPH.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 035	TYPE OF FIRE: Wildland
FIRE NAME: River Complex	OPERATIONAL PERIOD: Day Shift 9/09/2015
DATE ISSUED: 09/04/2015	TIME ISSUED: 2000
UNIT: CA-SHF-002066	SIGNED: Brendan "Rip" Ripley , FBAN

INPUTS

WEATHER SUMMARY: ****WIND SCHEDULE****

Ridge Top: Morning..... West to Northwest 5-10mph Through 1200hrs
Afternoon... West to Northwest 5-10mph G12-16

Slope/Valley: Morning..... Light Up slope/canyon through 1200hrs then increasing.....
Afternoon... Up slope/canyon 3-7mph

NOTE: Today will be the start of a gradual warming and drying trend after a night of good recovery.
Initial Action: Winds in the Trinity River Valley may be stronger due to drainage alignment with prevailing winds.
(See attached weather forecast)

OUTPUTS

FIRE BEHAVIOR

GENERAL:
Expect the good overnight relative humidity recovery to limit fire behavior early. Afternoon drying will promote and increase in fire behavior in the absence of fire suppression efforts. Roll out of burning material is still the primary threat to the line, requiring constant evaluation.

LOCAL THRESHOLDS – WATCH OUT
Combinations of any of these factors can greatly increase fire behavior:

20' winds over 7 mph	RH less than 31%	Temp over 82°	ERC above 47	BI above 50
Forecasted: 20' winds , 5-10mph	RH 27-45%	Temp 60-80°	ERC 50	BI 53

Probability of Ignition: Valleys..... Unshaded 60-70% Shaded 30-40%
Ridges..... Unshaded 40-50% Shaded 20-30%

SPECIFIC:

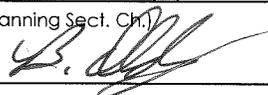
Below 2000'- Good overnight relative humidity recovery (90-95%) was forecasted last night below 2000'. The light inversion forecasted is expected to lift around 1100hrs at which time relative humidity will begin to drop and continue to drop through the afternoon. Expect very similar fire behavior conditions as yesterday.
10hr fuels yesterday morning below the 2000' ranged between 13-20% Today ____ - ____
Yesterday's driest point was 5-8% at 1600hrs.

Above 4000'- Good overnight relative humidity recovery (95-100%) was forecasted last night above 4000'. Relative humidity will begin to drop and continue to drop through the afternoon. Expect very similar fire behavior conditions as yesterday.
10hr fuels yesterday morning above the 4000' ranged between 20-21% Today ____ - ____
Yesterday's driest point was 10-12% at 1530hrs.

AIR OPERATIONS:
VFR conditions expected for fixed and rotor wing throughout the operational period.

SAFETY

WATCH YOUR FOOTING! Logs and stumps covered by dirt from the construction of the logging/forest roads are burning out and leaving voids. In some cases only a thin layer of dirt remains with a 3-4' void underneath. Use caution when extinguishing smokes along the downhill side of the road.

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group A		
3. Incident Name River Complex		4. Operational Period Date: 9/9/2015 Time: 0700-2000				
5. Operations Personnel						
Operations Chief	Steve Clark		Division/Group Supervisor	JOSH WRIGHT		
Branch Director			Safety	Steve Ryberg/ Rob Pelton (T)		
6. Resources Assigned this Period						
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	LDW	Drop Off PT./Time	Pick Up PT./Time	
TFLD TODD (O-642)	CAMERON TODD	1	9/20	ICP 0700	ICP 2000	
SHF ENG321 (E-299) T3	CODY CAMERA	5	9/18	ICP 0700	ICP 2000	
SHF ENG331 (E-301) T3	BRIAN CARMEN	5	9/18	ICP 0700	ICP 2000	
WHISKEYTOWN ENG 2 (E-302) T3	MICHAEL ALLANS	4	9/18	ICP 0700	ICP 2000	
WT2 CATTANEO #3 (E-72)	MATTHEW MEIER	1	9/21	ICP 0700	ICP 2000	
TFLD (T) COPPI (O-629)	CASEY COPPI	1	9/18	ICP 0700	ICP 2000	
BLACK FOREST ENG 710 (E-200) T3	STEPHAN SHELTERS	4	9/11	ICP 0700	ICP 2000	
HOOPA ENG 9542 (E-293) T4	LYLE MCKINNON	5	9/11	ICP 0700	ICP 2000	
YUOK ENG661 (E-292) T6	CLYDE TRIMBLE	4	9/10	ICP 0700	ICP 2000	
WT2 CATTENEO (E-69)	JASON DOUGLAS	1	9/17	ICP 0700	ICP 2000	
FAL1 BIRCH (O-656) T1	LUCAS BIRCH	1	9/21	ICP 0700	ICP 2000	
FAL1 HYMAS (O-585)	TREVOR HYMAS	1	9/13	ICP 0700	ICP 2000	
FAL1 MENDOZA (O-586)	RUDY MENDOZA	1	9/13	ICP 0700	ICP 2000	
7. Control Operations Patrol and mop up.						
8. Special Instructions For emergency communication for crews spiked out after 2200 to 0600 will be through Redding ECC. READS check in and out with DIVS upon entering or exiting a Division.						
9. Division/Group Communication Summary						
Function	Frequency	Channel	Function	Frequency	System	Channel
Command	RX 168.700 TX 170.9750	1 (Tone 110.9)	Logistics		King NIFC	
Tactical	RX 168.0500 TX 168.0500	7 NIFC T-1	Air to Ground	170.0000	King NIFC	12
Prepared by (PSC) B. Olds		Approved by (Planning Sect. Ch.) B. Olds 		Date 9/8/2015	Time 1800	

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group N		
3. Incident Name River Complex		4. Operational Period Date: 9/9/2015 Time: 0700-2000				
5. Operations Personnel						
Operations Chief	Steve Clark		Division/Group Supervisor	Warren Swab		
Branch Director			Safety	Steve Ryberg/ Rob Pelton (T)		
6. Resources Assigned this Period						
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	LDW	Drop Off PT./Time	Pick Up PT./Time	
IHC DIAMOND MTN (C-91)	DAN VARNEY	20	9/12	ICP 0700	ICP 2000	
SHF ENG 62 (E-300) T3	SARA THIBIDEAU	5	9/18	ICP 0700	ICP 2000	
SHOAL CRK ENG 651 (E-208) T6	JEREMY BRAND	3	9/25	ICP 0700	ICP 2000	
AMBU MOUNTAIN MEDICS (E-289)	TODD WEMMER	2	9/13	ICP 0700	ICP 2000	
FEMP ELLISON (O-545)	GRANT ELLISON	1	9/14	ICP 0700	ICP 2000	
READ ERICSON (O-539)	JONATHON ERICSON	1	9/10	ICP 0700	ICP 2000	
7. Control Operations						
Continue to patrol and mop up areas of concern by direct line construction, hose lays and/or mop up.						
8. Special Instructions						
For emergency communication for crews spiked out after 2200 to 0600 will be through Redding ECC.						
When working in the Wilderness, refer to MIST Guideline handout in IAP. In general, minimize activities that will leave long term visual impacts to the Wilderness. Strive to create a shaded fuelbreak appearance. Take your time, intentionally cut vegetation so stumps and stobs are low to the ground, and minimize the cutting of large trees that do not pose a hazard. Do not damage tree boles when pruning.						
READS check in and out with DIVS upon entering or exiting a Division.						
9. Division/Group Communication Summary						
Function	Frequency	Channel	Function	Frequency	System	Channel
Command	RX 168.700 TX 170.9750	1 (Tone 110.9)	Logistics		King NIFC	
Tactical	RX 168.6000 TX 168.6000	8 NIFC T-3 Tone (110.9)	Air to Ground	170.0000	King NIFC	12
Prepared by (PSC) B. Olds	Approved by (Planning Sect. Ch.) B. Olds 		Date	9/8/2015		Time 2200

DIVISION ASSIGNMENT LIST		1. Branch	2. Division/Group O
3. Incident Name River Complex		4. Operational Period Date: 9/9/2015 Time: 0700-2000	

5. Operations Personnel			
Operations Chief	Steve Clark	Division/Group Supervisor	Jesse Brunk
Branch Director		Safety	Steve Ryberg/ Rob Pelton (T)

6. Resources Assigned this Period					
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	LDW	Drop Off PT./Time	Pick Up PT./Time
IHC ELK MOUNTIAN (C-94)	KYLE BETTY	20	9/21	ICP 0700	ICP 2000
FIRESTORM 2 (C-93) T2IA	KEN BAILEY	20	9/21	ICP 0700	ICP 2000
FOBS BRICKEY (O- 651)	CHUCK BRICKEY	1	9/20	ICP 0700	ICP 2000
FEMO ENGBER (O-657)	EAMON ENGBER	1	9/20	ICP 0700	ICP 2000
FEMO CELAYA (O-654)	DAVE CELAYA	1	9/21	ICP 0700	ICP 2000
REM TEAM	PAUL MEISEL	4	9/21	ICP 0700	ICP 2000
FEMT HARRIS (O-666)	BRIAN HARRIS	1	9/21	ICP 0700	ICP 2000

7. Control Operations
Work with Resource Advisors to develop opportunities to hold fire within natural barriers and trail systems when risks from direct suppression actions cannot be mitigated.

8. Special Instructions
For emergency communication for crews spiked out after 2200 to 0600 will be through Redding ECC.

When working in the Wilderness, refer to MIST Guideline handout in IAP. In general, minimize activities that will leave long term visual impacts to the Wilderness. Strive to create a shaded fuelbreak appearance. Take your time, intentionally cut vegetation so stumps and stobs are low to the ground, and minimize the cutting of large trees that do not pose a hazard. Do not damage tree boles when pruning.

READS check in and out with DIVS upon entering or exiting a Division.

9. Division/Group Communication Summary							
Function	Frequency	Channel	Function	Frequency	System	Channel	
Command	RX 168.700 TX 170.9750	1 (Tone 110.9)	Logistics		King NIFC		
Tactical	RX 166.7250 TX 166.7250	9 NIFC T-5 Tone (110.9)	Air to Ground	170.0000	King NIFC	12	
Prepared by (PSC) B. Olds		Approved by (Planning Sect. Ch.) B. Olds 			Date 9/8/2015	Time 1400	

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group Suppression Repair		
3. Incident Name River Complex			4. Operational Period Date: 9/9/2015 Time: 0700-1900				
5. Operations Personnel							
Operations Chief		Steve Clark		Division/Group Supervisor		Bruce Robison	
Branch Director				Safety		Steve Ryberg/ Rob Pelton (T)	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader	Number Persons	LDW	Drop Off PT./Time	Pick Up PT./Time	
AR-OZF (E-203) T6		DEW ATKINSON	3	9/12	ICP 0700	ICP 1900	
FMOD Hoopa #1 (O-607)		NELS NELSON	11	9/12	ICP 0700	ICP 1900	
BACKHOE WYCOFF (S-6573)		BILLY WYCOFF	2	9/21	ICP 0700	ICP 2000	
CHIP2 FIGAS (S-6571)		LESTOR RALSTON	1	9/18	ICP 0700	ICP 1900	
TRINITY ROADS DEPT		ADAM LETHBRIDGE			ICP 0700	ICP 1900	
7. Control Operations							
Continue suppression repair activities on the incident.							
8. Special Instructions							
For emergency communication for crews spiked out after 2200 to 0600 will be through Redding ECC.							
WT2 RAYMOND (E-53) also providing support for River Heli-Base.							
READS check in and out with DIVS upon entering or exiting a Division.							
9. Division/Group Communication Summary							
Function	Frequency	Channel	Function	Frequency	System	Channel	
Command	RX 168.700 TX 170.9750	1 (Tone 110.9)	Logistics		King NIFC		
Tactical	RX 166.7750 TX 166.7750 Tone (110.9)	10 NIFC T-6 Tone (110.9)	Air to Ground	170.0000	King NIFC	12	
Prepared by (PSC) B. Olds		Approved by (Planning Sect. Ch.) B. Olds 			Date 9/8/2015		Time 2000

INCIDENT RADIO COMMUNICATIONS PLAN		Incident Name: River Complex		Date/Time Prepared: 9/5/15 2015 hrs.		Operational Period Date/Time: 9/6 -10/15 DAY: 0700 hrs. – 1900 hrs.			
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	Remarks
1	COMMAND	CMD 1	COMMAND	168.7000	110.9	170.9750	110.9	A	Tone 1 IRONSIDE Linked
2	COMMAND	CMD 2	COMMAND	169.5375	110.9	164.7125	123.0	A	Tone 1 LONE PINE Linked
3	COMMAND	CMD 3	COMMAND	170.1125	110.9	162.1875	131.8	A	Tone 1 EAGLE RIDGE Linked
4	SHASTA TRINITY RPT.	SHF-R	FOREST NET	171.5750		169.1000	136.5	A	USER SELECCABLE TONES
5	SIX RIVER RPT.	SRF-R	FOREST NET	168.7250		170.1250	146.2	A	USER SELECCABLE TONES
6	TACTICAL	NIFC T-2	LOCAL IA	168.2000		168.2000	156.7	A	LOCAL IA TAC
7	TACTICAL	NIFC T-1	DIV. A	168.0500	110.9	168.0500	167.9	A	Tone 1
8	TACTICAL	NIFC T-3	DIV. N	168.6000	110.9	168.6000	103.5	A	Tone 1
9	TACTICAL	NIFC T-5	DIV. O	166.7250	110.9	166.7250	100.0	A	Tone 1
10	TACTICAL	NIFC T-6	SUPP. REPAIR GROUP	166.7750	110.9	166.7750	107.2	A	Tone 1
11	TACTICAL	NIFC T-7	AVAILABLE	168.2500	110.9	168.2500	114.8	A	Tone 1
12	A/G TACTICAL	A/G TAC	A/G TACTICAL	170.0000		170.0000	127.3	A	ALL DIVISIONS / NO TONE
13	CALCORD	CALCORD	EMS EMERGENCY	156.0750	156.7	156.0750	141.3	A	Tone 6
14	WEATHER	NOAA	NOAA WEATHER	162.5500		N/A	151.4	A	REDDING
15	WEATHER	NOAA	NOAA WEATHER	162.4500		N/A	162.2	A	HORSE MTN
16	AIR GUARD	GUARD	EMERGENCY USE ONLY	168.6250		168.6250	192.8	A	Ground to Air Emergency Only Use Tone 1 110.9

5. Prepared by (Communications Unit) KEVIN JANES COML
PH: 530-629-3260. **USER SELECTABLE TONES ARE ENABLED**

USE HUMAN REPEATERS WHEN NEEDED: MAKE SURE LCES IS IN PLACE

LAST CLONE 9/6

1. INCIDENT NAME: River Complex	2. OPS PERIOD DATE: 9/09/15	START TIME: 0700	END TIME: 2000	SUNRISE: 0647	Sunset Time: 1936
3. REMARKS SEE AND AVOID, GENERAL AVIATION TRAFFIC. Heads up when performing water drops around crews on the ground. Crews stay away from approach and departure paths. No drops around personnel without positive commo. Continue to track quantity and location of dips. "NO DIPPING from the NEW RIVER" Do not fly over the Hoopa Valley, due to cultural event 9/8/2015 to 9/10/2015. Do not overfly school West of helibase or populated areas.					
4. READY ALERT AIRCRAFT 8ME Available at Helibase as Medivac Aircraft.			5. TFR Notam: None at this time Redding Dispatch 530-226-2400 HELIBASE – Willow Creek Helibase Lat: 40° 57.00' N Long: 123° 38.00' W 8lev. 500 ft.		

CAUTION WATCH OUT FOR POWER LINES & CABLES SEE HAZARD MAP

6. PERSONNEL	NAME	PHONE #	7. FREQUENCIES	AM	FM	8. FIXED-WING- Type/ Make-Model/ N#/ Base
AOBD	Josiah W. Obst	530-859-3551	AIR/AIR -	128.025 (A-2)		AIR ATTACK: ATGS: 17V available at 0900 John Casey
Helibase HEB 2	Willow Creek Dan Laird	925-817-9866 530-227-6661	Air/Ground - Tactical Air/Ground-Command		170.000 (A-37)	LEAD PLANES:
7AC HMGB 7AC HMGB(t)	Quintan H. Jason Barnart	775-830-6423	COMMAND:		Rx:168.7000 Tx:170.9750 110.9 tone 1	SEATS: As needed ordered by the ATGS
H-514 618ME	Brandon Hall Rawley Holiday	714-396-4830	TOLC FREQ:			TANKERS: As needed ordered by the ATGS
			DECK FREQ: *Ground Use Only*		163.100	AVIATION SUPPORT EQUIPMENT: Helibase trailer E- 116 Dumpster 20yd WT Raymond E-53 Porta-Potties 4 Wash Stations 2

9. HELICOPTER

FAA N#	Type	MAKE/MODEL	BASE	START	READY	REMARKS	FAA N#	Type	MAKE/ MODEL	BASE	START	READY	REMARKS
N212BT (H-514)	2	Bell 212 (A-15)	Willow Creek	0730	0800	IA/ Bucket/ Recon/ PSD/MED	N617AC (7AC)	3	Bell 407 (A-127)	Willow Creek	0730	0800	IR/Mapping
(H-510)	2	Bell 205	Willow Creek	0730	0800	IA/ Bucket/ Recon/ MED							
N618ME (8ME)	3	Astar B-3 (A-12)	Willow Creek	0730	0800	IA/ Bucket/ Recon/ PSD/MED	N818MC	3	Astar B-3	Hoopa			AS NEEDED ASSIGNED TO SRF

MEDICAL PLAN ICS 206	1. INCIDENT NAME RIVER COMPLEX	2. DATE PREPARED September 6, 2015	3. TIME PREPARED 2000	4. OPERATIONAL PERIOD September 9, 2015 0700-1900
	5. INCIDENT MEDICAL AID STATIONS			

MEDICAL AID STATIONS	LOCATION	PARAMEDICS	
		YES	NO
Frontline Medical	River Complex Incident Base Camp	X	

6. TRANSPORTATION

A. AIR AMBULANCES

NAME	LOCATION	PHONE	PARAMEDICS	
			YES	NO
REACH (no hoist)	Redding, Ca.	530-226-2400 or 911	X	
Mercy Air PHI (no hoist)	Redding, Ca.	530-226-2400 or 911	X	
CHP (with hoist)	Redding, Ca.	530-226-2400 or 911	X	
U.S. Coast Guard (with hoist & night vision)	Eureka, Ca.	707-839-6100		X

B. GROUND AMBULANCES

NAME	LOCATION and PHONE NUMBER	PARAMEDICS	
		YES	NO
Arcata/Mad River Ambulance	Drop Point 14 (day) River ICP (night) Command	X	
Mountain Medics Ambulance	Drop Point 1 (day) River ICP (night) Command	X	
Hoopla Ambulance Service	Willow Creek 530-625-4180	X	
Trinity County Ambulance	Hayfork, Ca. 530-226-2400	X	

7. HOSPITALS

NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CTR	
		AIR	GRND		YES	NO	YES	NO
Willow Creek Clinic	3883 Hwy 299 Willow Creek	N/A	10 min	530-629-3111		X		X
Mad River Hospital Level 3 Trauma	3800 Janes Rd. Arcata 40 53.72 N x 124 05.46 W	30 min	1 hr.	707-826-8264	X			X
Shasta Regional Medical Center Level 3 Trauma	1100 Butte, Redding 40 35.08 N x 122 23.25 W	35 min	2.5 hrs.	530-244-5353	X			X
Mercy Medical Center Level 2 Trauma	2175 Rosaline Ave Redding 40 35.12 N x 122 23.83 W	35 min	2.5 hrs.	530-225-7201	X			X
UC Davis Medical Center Level 1 Trauma	2015 Stockton Sacramento 38 33.3 N x 121 27.3 W	1 hr.	6 hrs.	916-734-3790 ER 916-734-3636 burn	X		X	

8. MEDICAL EMERGENCY PROCEDURES

LINE MEDICAL EMERGENCY:

Crew Supervisor contact Division Supervisor/Operations with patient complaint, condition and location.
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 channel.
- 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:

Contact Communications with patient complaint/condition and location, via LOGs Net

- Medical Unit contacts:
 - Safety
 - Logistics
 - Operations
- Medical Unit Leader will:
 1. Contact Communications to dispatch ground/air transport resources
 2. Notify receiving hospital of injury status
 3. Develop primary and contingency transport plan

206 ICS	9. PREPARED BY: (Medical Unit Leader) John Van Mannekes (MEDL) Doug Stuart (MEDL-T) Eric Williams (MEDL)	10. REVIEWED BY: (Safety Officer) CIIMT 4 Safety Officer (SOF1)
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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)

<input type="checkbox"/> Helispot	<input type="checkbox"/> Short-haul/Hoist	<input type="checkbox"/> Life Flight	<input type="checkbox"/> Other
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Ground Transport:

<input type="checkbox"/> Self-Extract	<input type="checkbox"/> Carry-Out	<input type="checkbox"/> Ambulance	<input type="checkbox"/> Other
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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)		

7. COMMUNICATIONS:

Function	Channel Name/Number	Receive (Rx)	Tone/NAC *	Transmit (Tx)	Tone/NAC *
<i>Ex: Command</i>	<i>Forest Rpt, Ch. 2</i>	<i>168.3250</i>	<i>110.9</i>	<i>171.4325</i>	<i>110.9</i>
COMMAND					
AIR-TO-GRND					
TACTICAL					

*(NAC for digital radio system)

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:

Contingency:	
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Considerations: *If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be think ing ahead...*

REMEMBER: Confirm ETA's of resources ordered
Act according to your level of training
Be Alert. Keep Calm. Think Clearly. Act Decisively.

River Complex – Safety Message

INCIDENT:

River Complex

DATE: 9-09-2015

TIME: 0700 – 2000 Day

FIRELINE QUESTIONS TO EMPHASIZE SAFETY

TEN QUESTIONS EVERY FIREFIGHTER MUST ASK AND ANSWER YES TO BEFORE ENGAGING IN FIRE SUPPRESSION

1. Do you understand the organization for this fire and your place in it?
2. Is there a plan and do you understand it?
3. Do you know it is OK to ask questions and ensure that the instructions you are given, provide for your safety and the safety of your fellow fire fighters?
4. Do you know the weather forecast for today?
5. Have you assessed fire behavior and made a prediction?
6. Are you interactive with the **Standard Fire Orders** and **Watch Out Situations**?
7. Do you have the **Lookouts, Communications, Escape Routes, and Safety Zones** in place?
8. Do you understand that it's both your responsibility and your right to say **No** to orders that cannot be accomplished without compromising one or more of the **Standard Fire Orders** or without mitigating each of the **Watch Out Situations**?
9. Can you describe the fire environment you are going to operate in?
10. Are you prepared to engage; monitor the fire environment, be proactive, and make adjustments?

BACK TO THE BASICS: Size-Up; when does it start and when does it end? On our way to this fire we were sizing-up the weather, fuels, topography and the condition of our crew. Now that we have several shifts under our belts, are we still doing this? If not, we should be! Size-up is a continual and ongoing process that should last us through the incident and safely back home.

DRIVING

- When driving, keep speed at or **below** the posted speed limit.
- Drive defensively! Expect the unexpected around every curve.
- Watch out for debris and wildlife on the roads.
- Don't tail gate, keep a safe distance between vehicles on dirt roads.
- Always fasten your seat belt before the vehicle is set into motion.
- Use a "Backer" when backing your vehicle. Do a walk around if a "Backer" is not available.
- Check the windshield, wipers, and wiper fluid level.
- Keep windows and mirrors clean.
- There are three main types of distracted driving: **Visual**-taking your eyes off the road; **Manual**-taking your hands off the wheel; **Cognitive**-taking your mind away from the task at hand. Don't drive distracted!

DANGER/ HAZARD TREES:

All trees, especially large trees are potentially dangerous.

- Trees don't tell when they are going to fall, they just do. Be heads up!
- Minimize your exposure time and resources around hazard tree.
- How many times do we have a conversation under large trees?

DEHYDRATION:

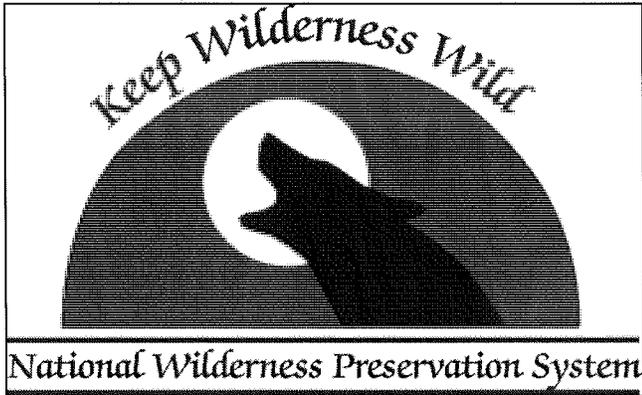
If you're thirsty, you've waited too long to drink water. You need to drink a minimum of 32 ounces of water per hour during the day shift.

FACT:

- If you lose 3 % of your hydration, you will lose 20% of your energy.
- If you lose 5% of your hydration, you lose 50% and you will need to visit medical.

HYDRATE! HYDRATE! HYDRATE!

MINIMUM IMPACT SUPPRESSION TECHNIQUES (MIST)



Fire Management Tool Box on Wilderness.Net

Firefighter and public safety is always the first priority in any suppression action, including operations in wilderness. Use of MIST provides guidelines for preserving wilderness areas for present and future generations.

When evaluating fire management actions, the potential degradation of wilderness character should be considered before, and given significantly more weight than, economic efficiency and convenience. Unless human life or private property is immediately threatened, only those actions that preserve wilderness character and/or have localized, short-term adverse impacts to wilderness character should be implemented.

FIRELINE CONSTRUCTION

- Take advantage of natural barriers wherever possible.
- Use cold-trail and/or wet line when appropriate.
- If the decision is made to construct line, use only the width and depth necessary for halting the fire spread. Minimize ground disturbance.
- Minimize bucking and cutting of trees to establish fire line; build line around logs when feasible and effective.
- Limb vegetation only to the extent necessary to stop fire spread.
- Avoid cutting live trees whenever possible.
- As an alternative to felling, consider allowing ignited trees and snags to burn themselves out. Ensure adequate safety measures are communicated to those affected by this decision.
- If burning trees or snags pose a serious threat of spreading firebrands, extinguish the fire with water and/or dirt wherever possible.
- Use cross cut saws instead of chain saws.

AIR OPERATIONS

- Limit retardant or foam use, use water instead. If retardant and foam is appropriate, avoid drops near water.

HELISPOTS

- Minimize the number of helispots in wilderness. Use alternate sites outside wilderness when possible or consider using pack strings (mules).
- Use natural openings as much as possible.
- Size the helispots for the appropriate size helicopter. Consider long line remote hook operations instead of helispots for logistical support.

SPIKE CAMPS

- Minimize the use of spike camps in wilderness. If spike camps are needed, use existing camp sites where available.
- Avoid camping in wet meadows, along streams or on lake shores. Resource Advisors can help identify suitable sites.
- Layout camp carefully from the start, identify areas for cooking, sleeping, washing, latrines and water supplies.

- In small camps individuals can use "cat hole" method of disposal (6"-8" hole) short term. In larger camps locate community latrines 300' from water.
- Designate wash areas away from streams, and provide for gray water disposal. Do not use soap, shampoo, or other chemicals near waterways.
- Store food away from camp and so that it is not accessible to wildlife.
- Store garbage so that it is not accessible to wildlife, and remove it as frequently as possible.
- Use stoves to cook when possible. Minimize the use of campfires, and use either a pit or mound ring fire with dead or downed small diameter firewood. Do not build rock ring campfires. An old fire shelter placed under the coals helps protect the soil.
- Limit travel ways within, to and from camp.
- Consider placing indoor-outdoor carpet, scrim, or other material on the ground to protect vegetation in the most heavily traveled areas of camp.

PERSONAL SPIKE CAMP CONDUCT

- Select durable sites for tents.
- Do not clear vegetation or dig trenches to create bedding sites.
- Pack out all garbage, including candy wrappers, cigarette butts, and flagging.
- Carry water and bathe away from lakes and streams.
- Do not use nails in trees or limb trees for bedding.
- Evaluate the short and long term impacts of your decisions.

REHABILITATION

- Remove signs of human activity. Remove signs, flagging, garbage, and equipment.
- Restore disturbed areas.
- Scarify the top 2-4" of soil in heavily compacted areas and scatter needles, twigs, branches, over the area.
- Rehabilitate newly established trails on slopes <6%, water bar trails created on steeper slopes.
- Scatter cut material and camouflage cut surfaces with dirt.
- Do not use non-native materials, avoid introducing invasive species.

