Mad River Lightning Complex

Incident Action Plan

August 1, 2015

06:00 to 0600

	1. Incident Name	2. Date	3. Time
INCIDENT OBJECTIVES	MAD RIVEL COMPREX	7-31-15	2200
4. Operational Period			
AUG 1, 2015	0660 TO	0660	
5. General Control Objectives for the Incident (inc	lude alternatives)		
Management Objectives :			
	ENFIGHTER AND PU		TY
@ PROTECT LIFE			
3 MAINTAIN AND	O FOSTER RELATIO	USHIDS WI	774
COOPERATOR	S AND THE PUBL	L	
Operational Objectives :			
PROVIDE FOR	LIFE SAFETY		
KEEP THE CON	PUEX FIRE WITH	HN THE	
PERIMETER	15 AS CONDITION	ALLOW	
6. Weather Forecast for Period			*
CHANCE OF TH	WNOEL STORMS.		
SEE ATMCH	RD WRATHEL F	-OR CAST	
7. General Safety Message		1	
HYDRATE, R	DADS ARE NARI	ZOW, BLINS	0
CURVES AND	SMOKY, LCES	, DOWN It	166
FIRE LINE	CHECK UST		
			8 8
o A4	achmonte (mark # attached)		
8. Att Organization List - ICS 203	achments (mark if attached) Medical Plan - ICS 206	(Other)	
Div. Assignment Lists - ICS 204	Incident Map		
Communications Plan - IC\$ 205	☐ Traffic Plan		, , , ,
9. Prepared by (Planning Section Chief)	10. Approved by (Inciden	t Commander)	

ORGAN	IZATION ASSIGNMENT LIST	9. Operations Section			
		Op's Chief	JASON AMOS		
MAD R	UER COMPLEX 3. Time	Deputy	John Martinez		
2. Date	3. Time	a. Branch I			
7-31-	13	Branch Director			
4. Operational Period		Deputy			
	5 0600 TO 0600	Division/Group			
Position	Name	Division/Group			
	mander and Command Staff	Division/Group			
Incident Commander	DUANE FRANKLIN	Division/Group			
Deputy		Division/Group			
Safety Officer	MICHAEL JAMESON	Staging Area			
Information Officer					
Liaison Officer		b. Branch II			
6. Agency Repr	A CONTRACTOR OF THE PARTY OF TH	Branch Director			
Agency	Name	Deputy			
TRINIBY CO SO	Jake Hess Brett Fabri	Division/Group			
CHP	Brett Fabri	Division/Group			
		Division/Group			
1		Division/Group			
, , , , , , , , , , , , , , , , , , ,		Division/Group			
		Staging Area			
	ning/Intelligence Section	c. Branch II Branch Director			
Plans/Intel Chief	FRED FLORES	Deputy			
Deputy		Division/Group			
Resources Unit	Angel russell	Division/Group			
Situation Unit		Division/Group			
Documentation Unit		Division/Group			
Demobilization Unit		Division/Group			
Technical Specialists	•		rations Branch		
Human Resources		Air Operations Bran	nch Director		
Training		Air Tactical Supervi	isor		
GIS		Air Support Supervi	isor		
		Helicopter Coordin	nator		
		Air Tanker Coording	ator		
			Finance/Administration Section		
	tics Section	Finance/Admin. Ch	hief		
Logistics Chief	sake Bailey	Deputy			
Deputy	/	Time Unit			
Supply Unit		Procurement Unit	sane pedvotti		
Facilities Unit	BIVK VOSEMAN	Compensation/Clo	aims Unit		
Ground Support Unit	1 . 1	Cost Unit			
Communications Unit	shirley Dillon	Prepared by (Reso	urce Unit Leader)		
Medical Unit					
Food Unit					
Base camp mgry	Birk vose man		3/2007		

ASSIG	NMENT LIST	1/0/0	non WI	1001		
3. Incident Name	A . = .	4. Operat	ional Period	NCO		
MAD RIVER	COMPLEX	Date	8-	1-15	Tim	e: Z Z O O
5.		Operations P	ersonnel			
Operations Chief	JASON AMO	S Division/Gro	oup Supervisor			
Branch Director		Air Attack S	upervisor No.			
•		Resources As	signed this P	eriod		
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick	Up PT./Time
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revada Et 45.	3 type =	IV				
Patrol 41	Gary Law	head				
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	New grant and			4		
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		5.				
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LIF	E SAFET ructurk	NEFFUS	Territoria de la constanta de			
LIF	ESAFET	NEFFUS				
LIF		Y DEFFUS		nary		
LIF 370	Division			nary Frequency	System	Channel
LIF STO	Division	/Group Commun	ication Sumn	T T	System	Channel

ASSIG	NMENT LIST	1Branch		2. 0	Pivision/Group	38
3. Incident Name		4. Operati	onal Period			
MAD RIVE	R COMPLEX	Date	8-1	-15	Tim	e: ZZ00
5.	Oį	perations Pe	ersonnel			
Operations Chief	JASON AMOS	Division/Gro	up Supervisor			
Branch Director		Air Attack St	pervisor No.			
6.	Re	sources As	signed this P	eriod		
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick	Up PT./Time
stanislaus 14	- type 1	Agenci				
Dalton 1HC	type 1	Agenc		SUPT-IC		
Arrowhead 1H	c type 1	Agenc		•		e.I
santa clava HCF	SR HIPEIL	Agen				
Heavitlake HC	+Vpe IIA	Agenc				
LNF W+-3	TYPE II USTS	Agenci	USF9			
W+ F-12	type TI	AD!				
W+ E-13	type TI	AD				
fuels4	forvest ford	anena	/			
Disks II	Tours and	11/1	4			
STMM 8. Special Instructions	SAFETY CTURE DEFO					
9.	Division/Grou	o Communi	cation Sumn	nary		
Function Freque		annel	Function	Frequency	System	Channel
Command			Logistics			
Tactical Div/Group			Air to Ground			
Prepared by (RESL) Well Full	Approved by (PSC)			Date 7-31-	15 Tim	2200

. 8	ASSIGNMEN	T LIST		1. Branch AUL OT	地几万	RES	2. Division/Gro	oup
3. Incident Name	e IVER C	MADI = V		4. Operation	nal Period	-15	ar-	Time: 2200
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5. Operations Chief	1.0	(2.1.0)		Division/Grou				
	J143	ion am	05				7:	
Branch Director				Air Attack Su	pervisor No.			
6.			Res	sources Ass	igned this P	eriod	 -	
Strike Team/Tas Resource Desi		Leader		Number Persons	Trans. Needed	Drop Off PT.	/Time	Pick Up PT./Time
TBA								
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	<u> </u>							
L1	FIE SA	TENTY 1 RETERMENT	DIET	FENS	E			
8. Special Instruct	tions							
9.		Divisio	n/Group	Communic	ation Sumr	mary		
Function	Frequency	System	Cha	innel	Function	Frequency	System	Channel
Command					Logistics			
Tactical Div/Group				Ai	ir to Ground			
Prepared by (RESL	TURES	Approved I	by (PSC) FL	ONTES		Date 7-31	-15	7ime 2200

ASS	IGNMENT	LIST	1. Bran	ibbler	-	2. Division/Gro	3 0 p
3. Incident Name MAN Ryv	TER C	MUEX		rational Period ate: 8-1	15		Time: 2260
5.			Operations	Personnel			
Operations Chief	1250	N AMO.	(Division/	Group Supervisor			Andreas and a second of the se
Branch Director	3700	14.		k Supervisor No.			
6.			Resources	Assigned this P	eriod		
Strike Team/Task Ford Resource Designate		Leader	Numb Perso	15 1000	Drop Off PT./	Time	Pick Up PT./Time
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ST 3. Special Instructions	TE S						
ST Special Instructions		Division/Gr	roup Commu	inication Sumn		Sustan	Channel
8. Special Instructions	quency quency	Division/Gr			nary Frequency	System	Channel

ASS	GNMENT	LIST	1. Branc	n che++	2	. Division/Group	
3. Incident Name	D. Can	DIEV	4. Opero	ational Period	-15	Tim	ne: 22.00
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5.			Operations Division (C	rersonnei Froup Supervisor	Τ		
Operations Chief	JASO	N AMOS					
Branch Director			Air Attack	Supervisor No.			
5.			Resources A	ssigned this Pe	eriod	,	
Strike Team/Task Ford Resource Designato		Leader	Numbe Person		Drop Off PT./Ti	me Pick	Up PT./Time
V		-	1 8 24 5				
		* 10 24					
SRF E-342		type III	Agen	cý			
E-91		type II	Agen	ay			
E-56	-	YPE III	Ageno	V			
modoc stulk	e team +	YPE III-S-3	Agen	á l			
E-45	لا	YPE III	Agen	ay			
E-82		HIPEII	Ageno	cy l			
SRF Dozer	4	type II.	Ageno	Y			
D02-eV E-1	1	type II.	AD				
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	SAFETY					
Special Instructions							Å =
							× = =
		Division/Gro	oup Commu	nication Summ	nary	RI -	
Function Fre	quency	System	Channel	Function	Frequency	System	Channel
Command				Logistics	B -		
Tactical				Air to Ground			
Div/Group							

NWS Forecast for: 2 Miles WSW Dinsmore CA Issued by: National Weather Service Eureka, CA

Last Update: 2:46 pm PDT Jul 31, 2015



Tonight	Saturday	Saturday Night	Sunday	Sunday Night	Monday	Monday Night	Tuesday	Tuesday Night
20%	20%	20%	20%	20%		•	*	-•
Isolated T-storms then Partly Cloudy	Partly Sunny then Slight Chance T-storms	Slight Chance T-storms	Slight Chance T-storms	Slight Chance T-storms then Partly Cloudy	Mostly Sunny	Mostly Clear	Sunny	Partly Cloudy
Low: 70 °F	High: 85 °F	Low: 63 °F	High: 77 °F	Low: 60 °F	High: 79 °F	Low: 59 °F	High: 75 °F	Low: 55 °F

<u>Hazardous Weather Outlook</u> Short Term Forecast

Tonight: Isolated showers and thunderstorms before 11pm. Mostly cloudy, with a low around 70. West northwest wind around 5 mph becoming calm. Chance of precipitation is 20%.

Saturday: A 20 percent chance of showers and thunderstorms after 2pm. Mostly sunny, with a high near 85. Southeast wind around 6 mph becoming west southwest in the afternoon.

Saturday Night: A 20 percent chance of showers and thunderstorms. Partly cloudy, with a low around 63. West southwest wind around 6 mph becoming calm in the evening.

Sunday: A 20 percent chance of showers and thunderstorms. Mostly sunny, with a high near 77. Calm wind becoming west southwest around 5 mph in the afternoon.

Sunday Night: A 20 percent chance of showers and thunderstorms before 11pm. Mostly cloudy, with a low around 60. West wind around 6 mph becoming calm in the evening.

Monday: Mostly sunny, with a high near 79.

Monday Night: Mostly clear, with a low around 59.

Tuesday: Sunny, with a high near 75.

Tuesday Night: Partly cloudy, with a low around 55.

Wednesday: Sunny, with a high near 76.

Wednesday Night: Mostly clear, with a low around 54.

Thursday: Sunny, with a high near 75.

Thursday Night: Mostly clear, with a low around 52.

Friday: Sunny, with a high near 74.

Wildland Fire Fighting Hot Tips to Stay Safe and Healthy

Every year, hundreds of thousands of acres of land burn across the United States and wildland fire fighters (WFFs) are asked to protect our lives, our homes and our forests. But fires are unpredictable and dangerous. In fact, over 200 on-duty WFF fatalities occurred between 2001 and 2012.²

WFFs often work long hours for many days under stressful conditions, which can negatively impact their health, increase the likelihood of on-duty injury and affect performance.³ This fact sheet was developed to keep WFFs safe and healthy.



hoto by George Broyles, US Forest Service

Recommended Practices for Wildland Fire Fighters

Wildland fire presents unique challenges and WFFs must understand how to best protect their health and safety while fighting fires. Wildland fire fighters should:

- Maintain situational awareness: Establish, update and be familiar with Lookouts, Communications, Escape Routes and Safety Zones (LCES).⁴
- Know the Fire Orders and Watch Out Situations: Understand the 10 Standard Fire Orders and 18 Watch Out Situations and use the Incident Response Pocket Guide (IRPG) to understand and mitigate hazards.^{5,6}
- Stay healthy: Maintain good physical fitness; exercise regularly, eat properly, don't smoke, and get the recommended amount of sleep.
- Take breaks: When necessary, stop working, rest in cool areas and stay hydrated.
- **Drive safely:** Always wear seatbelts and modify driving based on road conditions. Never drive when tired or impaired and follow your agency requirements.
- Wear appropriate personal protective equipment (PPE): Always wear wildland fire specific PPE and carry a fire shelter.
- Report injuries, illnesses and hazards: Report all work-related injuries, hazards and unsafe working conditions to supervisors, safety officers or to the appropriate reporting system.
- Be aware of increased risks of heat-related illness and rhabdomyolysis: 5 Both conditions are potentially life threatening. If you think you are affected by these conditions, stop work and seek medical treatment immediately.
 - Heat-related illness: Can result in heat rash, cramps, exhaustion or heat stroke. It is important to understand your risk, the symptoms of heat-related illness, and how to prevent and treat heat-related illness.
 - o **Rhabdomyolysis:** A serious medical condition that results from the breakdown of damaged muscle tissue and can cause permanent disability or death.⁷

Common Work-Related Hazards Faced on the Fireline

Safety Hazards

- Aircraft incidents
- Burn:
- Electrocution from power lines
- Environmental conditions (e.g., lightning, steep or remote terrain)
- Scrapes and cuts from tools and equipment
- Slips, trips and falls
- Struck-by objects, such as trees, rocks, or vehicles
- Vehicle rollovers or collisions

Health Hazards

- Ash, dust and burning debris
- Contact with plant irritants and sensitizers (e.g., poison ivy, thorns)
- Environmental conditions (e.g., lightning, cold weather)
- Fatigue
- Hazardous materials and gases
- Heat-related illness
- Insect bites or stings
- Respiratory illnesses
- Rhabdomyolysis
- Smoke contaminant:
- Stress



	INCIDENT RADIO COMMUNICATIONS PLAN	RADIO	Incident Name Mad River Compl	mplex	,	7-31-15		8-1-15/	Operational Period Date/Time 8-1-15/ 06:00 to 06:00
ರ್*	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, Dor M	Mode A, D or M	Remarks
from	Command	Forest Repeat		168.7250 N		170.1250 N			Tones 8, 14 and 9
.0	Tac 2	NIFC TAC 2		168.2000 N		168.2000 N			
ന	Tac R5	R5 Project		168.6625 N		168.6625 N			-
4	Air to Ground	Primary		167.6000 N		167.6000 N			AG-43
73	TAC 4	-		166.5500		166.5500			
9								74 — FI	
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9	6								
12	2							,	
5									
14	gri								
15	10								
16									
0 1	Prepared by (Communications Unit) Fred Flores	ications Unit)			Incident Location County Trinnity	Incident Location Mad River County Trinnity	CA Latitude 40 20	40.20	N Longitude -123 21

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or 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 control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

MAD RIVER COMPLEX

GROUP 4

MAD RIVER DISTRICT

8-1-15

			70		
Ch	Receive	Transmit	Tx Tone	Label	Remarks
1	168.7250	170.1250	110.9	FOR RPT	Forest Repeater COMMANS
2	168.1250	170.4750	123.0	ADM RPT	Admin Repeater
3	168.6625	168.6625	131.8	R5 PROJ	R5 Project
4	168.2000	168.2000	136.5	TAC 2	NIFC TAC 2 / R5 Crew Net
5	167.1125	167.1125	146.2	TAC 5	R5 TAC 5
6	167.6000	167.6000	156.7	A/G PRI	FS Air to Ground Primary AG-43
7	154.0700	159.0000	167.9	HUM CF>2	Humboldt Co. Fire (use Tone 2)
8	151.2500	159.4050	103.5	HUU RPT	CalFire (Rx T1/ Tx use Tones 12,11,10)
9	151.1750	151.1750	100.0	CDF TAC3	CalFire TAC 3 Tx Rx Tone 16
10	151.3400	151.3400	107.2	CDF TAC7	CalFire TAC 7 Tx Rx Tone 16
11	171.5750	169.1000	114.8	SHF RPT	Shasta-Trinity NF (use Tone 8)
12	154.4150	158.9250	127.3	TRIVO>11	Volunteers Trinity Command 1 (Tone 11)
13	154.7850	158.7600	141.3	TRICOM>3	Trinity County Fire (Tone 3)
14	155.0500	155.1150	151.4	STAR F>9	Star Firenet Dinsmore (Tone 9)
15	155.1150	151.1150	162.2	TRINET	Trinity County Direct or keep open
16	156.0750	156.0750	192.8	CALCORD	California Coordination Tx & Rx Tone 6

^{**}must use tone 7

Six Rivers Repeaters

Admin and Forest

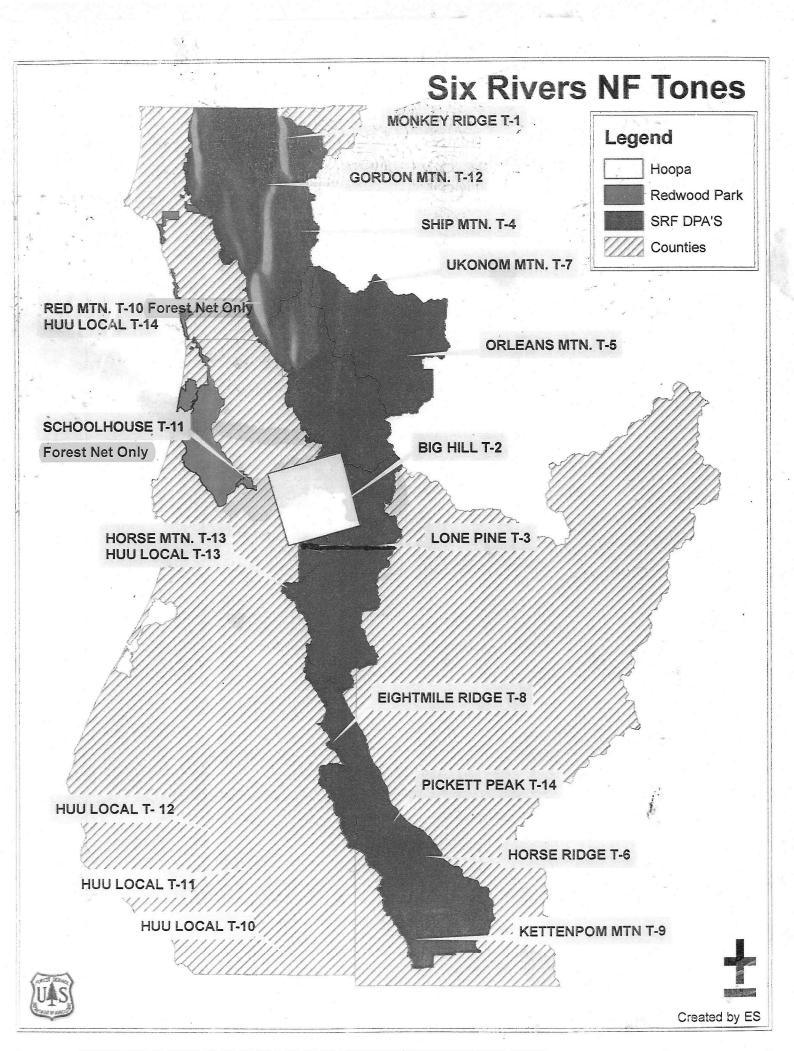
D		3.T .1		~ 1\	
Repeater Tones (trom	North	to	South))

Site Tone Monkey Ridge 1 Gordon Mountain 12 Ship Mountain 4 Ukonom Mountain 7 Red Mountain 10* Schoolhouse 11* Orleans Mountain 5 Big Hill 2 Lone Pine Ridge 3 Horse Mountain 13 Eight Mile Ridge 8 Pickett Peak Horse Ridge Kettenpom

Service Net Repeater Tones

Site	<u>Tone</u>
Ship Mountain	2
Orleans Mountain	3
Horse Mountain	5
Horse Ridge	7

^{*} Forest net only

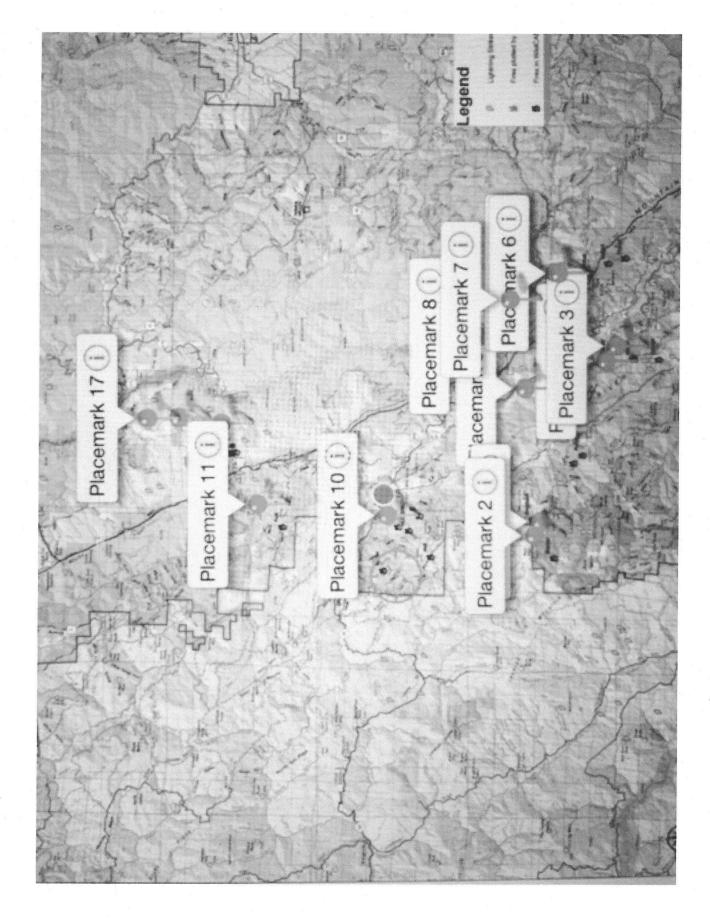


	Append	lix A – Medic	cal Plan for th	ne Mad	l River	· Ranger Distr	ict	3		
MEDICAL PLAN 206	13. Incident Name		14. Date Prepared			Time Prepared	16. Operational Period			
		5.	Incident Medic	al Aid S	tation		Tomas In			
Medical Aid Stations			Location						Paramedics Yes No	
Southern Trinity Heath Services			153A Van Duzen Rd., Mad River							
Southern Humboldt Community Clinic			509 Elm St. Garberville, CA							
Redwood Memorial - (weekends)			3300 Renner Dr. Fortuna, CA 95540						Х	
The effect of the			6. Transpor	rtation						
	1000.00		A. Ambulance		es	(Augustus) 18			3804.554	
Name		Address			Phone			Paramedics Yes No		
Southern Area Trinity R	lescue	Mad River a	Mad River and Ruth			707 574 -6421			Х	
City Ambulance		Fortuna and Garberville			FICC 707-726-1266			10	u e e	
			B. Air Ambi	ulances	fet di s					in Vige
Name Location						Phone			Paramedics Yes No	
CHP H-16 or 13 (165' hoist) Benton A		Benton Airf	Airfield, Redding, CA 96003			FICC 707-726-1266			X	140
			75 Flight Ave. Redding, CA 96003			FICC 707-726-1266			X	
			Redding, CA 96003			FICC 707-726-1266			X	a planta di kana
	- 100	2 PM 842	7. Hospi	7						
Name	Address				l Time Ground	Phone	Helip Yes	The second secon		Center No
Redwood Memorial Hospital	3300 F	Renner Drive Fo	rtuna, CA			707 725-3361		х		х
Jerald Phelps Community Hospital	733 C	edar St. Garberv	ille, CA			707 923-3921		x	10.11	x
St. Joseph Hospital		Oolbeer Eureka, 47.02 / W 124°		20 min	1.15 hr	707-445-8121	х	***************************************		х
Mercy Medical Center	2175 R	Losaline Ave. Re	edding, CA	50 min	2 hr	530-225-6000	x			х
Level 2 Trauma	N 40° 34.29 / W 122°			45						100
Shasta Regional Medical Center		Sutte, Redding, 0 35.18 / W 122°		min	2 hr	530-244-5400	х			х
UC Davis Level 1 Trauma / Burn		tockton Blvd. S 33.17 / W 121°		1.5 hr	5 hr	916-734-3636	х		х	
	di sec	8. M	edical Emergen	cy Proc	edures	10 3,000,000			1	1
In The event of a medical emergency provide the following information to the Fortuna Interagency Communications Center (FICC). 1. Declare the nature of the emergency. a. Medical injury/illness? d. Is injury/illness life threatening? 2. If life threatening, then request that the designated frequency be cleared for emegency traffic. 3. Identify the on-scene point of contact (POC) by resource and last namen Identify the nature of incident, number injured, patient assesment and location. (Geographic and GPS Coordinates) 5. Identify on-scene medical personnel and level of care					Injury Reporting Procedures					
 Identify preferred method of patient transport Request any additional resources and/or equipment needed Document all information received and transmitted via the radio or phone 					Medications: Past pertiant history:					

8. Document all information received and transmitted via the radio or phone
9. Identify any changes in the incident as needed such as patient changes in condition including on-scene POC or medical personnel as they occur.

Prepared by (Medical Unit Leader)

10. Reviewed by (Safety Officer)



	MAD RIVER LIGHTNING
	FIRES
1	40° 21.263, 123° 33.005
	LASSIC
7	40° 21.453, 123° 33.660
	LAJSIC
3	40° 18.698, -123° 24.920
	SPRINGS
4	40° 19.057, -123° 25.612
	? WAGGIT
5	40 20.912, -123° 21.578
	NOTETA OF DICKETT
6 PICKETT	40 20.772, -123° 21.622
	PICKETT
7	40° 22.440, -123° 22.932
	SWIFT CREEK
8	40° 23.520, 123° 24.510
a sigk	14WY 36 1301
9 GOBSURE	40° 21.853, 123° 26.895
	HALE CRIEK
10	40° 26.637, - 123° 32.803
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order for the term of the factor of the fact	PELLETREAU
13	
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e residente en servicio de la companya de la compa	40° 33.307, 123° 30.092
ening, benjali kan kangang gladi panang in pintana na Majah dalah mamanan panyah pintan annan panjang panah benjah.	1 "CUR I / GCFY

40°33,968, -123°28.423 PELLETRIZAN RIBGE 16 40° 35.030, -123° 28.472 17 PEUETREAU RABGE 40°32.482, -123°28,647 COLD SPRING CREEK 18

7-31-15@14:55 FRED FINALES

834 ASXKVEXTO

REC COPTER 7PJ. @ 1400 HOURS

ZOFZ

1) \$ acres / 190 Torch/ Ground 1/Her 2) Sacres I clead down Istope Springs? 3) 7 structure threatend 4) Small Spot close to fire 3 East of Ruth Lake 5) 1/2 acre actively burning - Staffed 6) 1/4 1/- acre 3-5acre - Tanker dropped on it. next to dirt staffed, directly off 36-should be contained 9) 20 acres - no personel - working way in 10) 20+ Building heat-wind/alignment 11) Yzacre - dead /down 14) 7-10 acres. spotting 15) 4 fires = Zo+acres - active burning in brush 16) Zotaeres backing down from ridge top
Perssibly held by road

or) 7 fires = 50 acres - retardant 1/2 way around 18) 2 fires = 1ess than 1/2 acre