

# **MAD RIVER COMPLEX**

***CA-SRF-001433***

***P5J0JC (0510)***


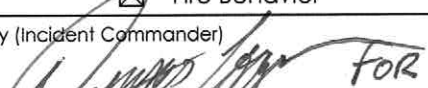


**August 7-8, 2015**

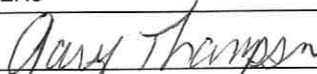
***NIGHT Operational Period***

**1800 - 0900**



<b>INCIDENT OBJECTIVES</b>	1. Incident Name <b>Mad River Complex</b>	2. Date <b>8/7/15</b>	3. Time <b>1300</b>
4. Operational Period <b>NIGHT      08/7-8/15      1800 - 0900</b>			
5. General Control Objectives for the Incident (include alternatives) <b><u>Strategic Framework</u></b> Provide for aggressive fire suppression utilizing direct and indirect tactics and providing point protection to threatened structures within the fire area. The threat to life, property and values at risk remains high. Tactics which reflect limited firefighting resources on hand and utilizing existing control features in areas with a high probability of success should be applied. Potential for continued fire spread is high due to fuels, weather and time of season. <b><u>Leaders Intent</u></b> Provide the highest level of customer services to all involved with or impacted by the Mad River Complex. All incident assigned personnel should be prepared to take the appropriate actions regarding: <ul style="list-style-type: none"> <li>• Personal interactions internal and external to the incident management organization</li> <li>• Personal safety and the safety of others</li> <li>• Response to any incident-within-an-incident</li> </ul> <b><u>Objectives</u></b> <ul style="list-style-type: none"> <li>• Provide for Firefighter and Public safety through hazard recognition and application of the risk management process.</li> <li>• Reduce the threat to private property, residences and infrastructure through the application of direct suppression tactics.</li> <li>• Protect natural resources through utilization of control features that offer a high probability of success.</li> <li>• Engage in fire suppression operations that are cost effective, but commensurate with values at risk.</li> <li>• Protect wilderness values and botanical resources by ensuring Minimum Impact Suppression Tactics (MIST) are applied.</li> </ul>			
6. Weather Forecast for Period <ul style="list-style-type: none"> <li>• <b>WEATHER:</b> Mostly clear. Smoke settling into the canyons after 2200-0000.</li> <li>• <b>TEMPERATURES:</b> Min 50-58-F.</li> <li>• <b>HUMIDITY:</b> Max Valley bottom...75-85%;                      Ridges...55-70%.</li> <li>• <b>20-FOOT WIND:</b> <ul style="list-style-type: none"> <li>○ <b>SLOPE/VALLEY</b> - Upslope 2-5 with gusts to 7 mph in the evening...becoming downcanyon/downslope to less than 4 mph after 2200.</li> <li>○ <b>RIDGETOP</b> - West 4 to 7 mph with gusts to 9 mph in the evening and early part of night...becoming variable less than 4 mph overnight.</li> </ul> </li> <li>• <b>INVERSIONS/STABILITY:</b> Becoming more stable overnight with smoke settling late.</li> </ul>			
7. General Safety Message <ul style="list-style-type: none"> <li>• <b>Hazardous driving – NARROW SECTIONS OF HWY 36 – 30 MPH MAX</b></li> <li>• Be alert for hazard trees and wildlife</li> <li>• <i>Complacency – Situational Awareness</i></li> </ul>			
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"/> Safety Message	
<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> Air Ops Summary ICS 220	
<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input checked="" type="checkbox"/> Fire Weather Forecast	<input checked="" type="checkbox"/> Base Camp Map	
<input checked="" type="checkbox"/> READ Message	<input checked="" type="checkbox"/> ICS 214	<input checked="" type="checkbox"/> Fire Behavior	
9. Prepared by (Planning Section Chief) <b>Rick Leuck (T)</b> 		10. Approved by (Incident Commander) <b>Mike Minton</b> 	

# ORGANIZATION ASSIGNMENT LIST (ICS-203)

<b>1. Incident Name:</b> MAD RIVER COMPLEX		<b>2. Operational Period:</b> NIGHT		<b>Date From:</b> 8/7/2015 <b>Time From:</b> 1800		<b>Date To:</b> 8/8/2015 <b>Time To:</b> 0900	
<b>3. Incident Commander(s) and Command Staff:</b>				<b>7. Operations Section:</b>			
Incident Commander	MIKE MINTON			Chief	LES CURTIS		
Deputy IC	CARLTON JOSEPH			Planning Ops	DON SMITH		
Safety Officer	HAMEL / MORTON / JORDAN (T)/ VITWAR (T)			<b>36/Ruth Branch</b>			
Public Information Officer	STEVE KLIEST / MARK SAVAGE			Branch Director	COREY ROSE		
Liaison Officer	RICK ALPERT / FREDERICK FLORES			Division/Group	A/D/G	JORDAN McKNIGHT	
				Division/Group	SW	ALAN HUSKINS	
				Division/Group	B/F/Forest Glen SPG	UNSTAFFED	
				Division/Group	Ruth Lake SPG	UNSTAFFED	
				Division/Group			
<b>4. Agency/Organization Representatives:</b>				<b>LASSIC Branch</b>			
OES	GARY HUMPHREY			Branch Director			
CHP	TAMI McCANLESS			Division/Group		UNSTAFFED	
SOUTH TRINITY VFD	DON STEWART / BILL GERMAN			Division/Group			
TRINITY SO	JAKE HESS			Division/Group			
				<b>Branch IV</b>			
<b>5. Planning Section:</b>				Division/Group			
Chief	TIM BAAL / RICK LEUCK (T)			Division/Group			
Deputy	DENNIS COOPER			Division/Group			
Resources Unit	ASHBY / SWITZLER/ MATYE			Division/Group			
Situation Unit	MIKE Mc HARGUE / TAD MORLOCK DAVID SOLDAVINI (T)			Division/Group			
Demobilization Unit	JIM COOLEY			Division/Group			
Documentation	PHIL SETTLES			Division/Group			
Fire Behavior Analyst	STEVE PAES			<b>Contingency / Staging</b>			
GISS	EVAN CONKLIN / JASON DUKE (T) / MELISSA VARGAS (T)			Division/Group			
Training Specialist	ALLISON JACKSON			Division/Group			
IMET	MATT MEHLE			Division/Group			
READ	SCOTT HAGERTY/RAYMA COOLEY			Division/Group			
<b>6. Logistics Section:</b>				Division/Group			
Chief	TONY MARTINEZ/ JIM ECKROTH (T) TERESA STELMAN (T)						
Deputy				<b>Air Operations Branch</b>			
<b>Support Branch</b>				Air Ops Branch Dir.	JOHN KEESEE		
Supply Unit	MIKE BRADFORD			Air Support Grp Supervisor	CRAIG DADO		
Ordering Unit	MARIE BUTLER			Air tactical Group Supervisor	MIKE STOUT		
Facilities Unit	WALLY GROGAN			<b>8. Finance/Administration Section:</b>			
Ground Support Unit	JOHN BADARACCO / FRED SIMONDS			Chief	THERESA FORK		
<b>Service Branch</b>				Deputy			
Communications Unit	GREG ELY			Time Unit			
Medical Unit	ROBERT RUSSELL			Procurement Unit	CHRISTOPHER FORD		
Food Unit	EDWIN MAYBERRY/DALE THOMPSON /WHITNEY VONADA(T)			Comp/Claims Unit	ANNMARIE CARLSON/ PAMELA BEAUJON (T)		
				Cost Unit	ROGER SIEMERS		
<b>9. Date/Time Prepared:</b> 8/7/15 1300		Prepared By: GARY THOMPSON, RESL			Signature: 		

## Fire Weather Forecast

FORECAST NO: 7  
PREDICTION FOR: NIGHT SHIFT  
SHIFT DATE: Aug 7-8, 2015  
TIME AND DATE  
FORECAST ISSUED: Aug 7, 2015 1800 PDT

NAME OF FIRE: Mad River Complex  
UNIT: Six Rivers NF  
SIGNED: Matt Mehle  
Incident Meteorologist



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**WEATHER DISCUSSION:** Any developed storms in the evening will quickly dissipate. Clearing skies overnight with dense smoke settling into the drainages. West winds in the evening becoming easterly overnight...locally gusty along the hwy 36 corridor.

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**WEATHER FORECAST FOR FRIDAY NIGHT:**

**WEATHER:** Threat for thunderstorms diminishes quickly in the evening. Mostly clear. Dense smoke settling into the canyons after 2200-0000.

**TEMPERATURES:** Min 50-60-F.

**HUMIDITY:** Max Valley bottom...75-85%; Ridges...55-70%.

**20-FOOT WIND:**

**SLOPE/VALLEY** - Upslope 2-5 with gusts to 7 mph in the evening...becoming downcanyon/downslope to less than 4 mph after 2200.

**RIDGETOP** - West 5 to 10 mph with gusts to 12 mph in the evening and early part of night...becoming East/Northeast less than 5 mph overnight.

**INVERSIONS/STABILITY:** Becoming more stable overnight with smoke settling late. **LAL: 2 becoming 1**

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**OUTLOOK FOR SATURDAY:**

Mostly sunny with areas of smoke. Max Temps...78-90. Min RH...20-30%. Ridgetop wind: Variable 3 to 5 mph becoming west/southwest 4 to 8 mph with gusts to 12 mph. Slope/Valley wind: Light and variable in the morning becoming Upcanyon / Upslope 3 to 6 mph with gusts to 9 mph. Strongest in aligned drainages.

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**WEATHER FORECAST FOR SATURDAY NIGHT:**

**WEATHER:** Mostly clear. Smoke settling into the canyons after 2200-0000.

**TEMPERATURES:** Min 50-58-F.

**HUMIDITY:** Max Valley bottom...75-85%; Ridges...55-70%.

**20-FOOT WIND:**

**SLOPE/VALLEY** - Upslope 2-5 with gusts to 7 mph in the evening...becoming downcanyon/downslope to less than 4 mph after 2200.

**RIDGETOP** - West 4 to 7 mph with gusts to 9 mph in the evening and early part of night...becoming variable less than 4 mph overnight.

**INVERSIONS/STABILITY:** Becoming more stable overnight with smoke settling late.

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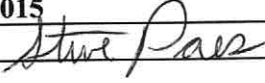
SUNSET: 8:23 PM SUNRISE: 6:17 AM

**REALTIME RAWS INFO for MAD RIVER COMPLEX**

Location-----	Name
Div A -	MAD RIVER
Div A/B/D -	FRIEND MTN
Div G -	RUTH
Div D/F -	IRAWS 27 (FOREST GLEN)



## FIRE BEHAVIOR FORECAST

<b>FORECAST NUMBER:</b> 12	<b>TYPE OF FIRE:</b> Wildland Fire
<b>FIRE NAME:</b> Mad River Complex	<b>OPERATIONAL PERIOD:</b> Night
<b>DATE / TIME ISSUED:</b> Aug 7, 2015 1200	<b>DATE:</b> Aug 7-8, 2015
<b>UNIT:</b> Six Rivers NF / Mad River	<b>SIGNED:</b>  Steve Paes FBAN

### INPUTS

#### WEATHER SUMMARY:

Mostly clear with smoke settling into valleys after 2200.

Temperatures: 50-60

Max. Relative Humidity: 75-85% valleys; 55-70% ridgetops.

Wind: Slope/Valley- Upslope 2-5 mph with gusts to 7 mph becoming downcanyon/downslope 4 mph after 2200.

Ridgetop Winds- West 5-10 mph gusts to 12 mph early in the shift becoming East/Northeast 5mph.

LAL: 2 early in the shift becoming 1 (LAL 2- Cumulus clouds are common but only a few reach the towering cumulus stage. A single thunderstorm must be confirmed in the observation area. The clouds produce mainly virga, but light rain will occasionally reach the ground. Lightning is very infrequent.)

#### GENERAL:

The fire is burning timber Fuels with some brush and grass intermix. Manzanita, Mixed Pine, Cedar and Douglas Fir are throughout. The primary carrier of surface fire is heavy forest litter with a shrub or small tree understory.

Live Fuel Moisture: Timber 150% ..... Shrubs 80%. Low fuel moisture levels in the aerial fuels will contribute to torching.

Fire spread has been primarily topography driven and should continue again during the shift. The predominant fire spread has been surface fire backing downhill. Roll out on steep slopes is contributing to rates of spread. Where flanking movement goes across slope under unburned fuels, the fire can transition to head fire with short crown runs if ladder fuels are present. Torching and short duration crown fire runs may also develop where slope and winds align. Past significant runs were with slope and wind alignment from thunderstorm winds.

Rates of spread: head fire = 3-8ch/hr with backing 1-3 ch/hr.

With strong winds ROS of 25-40 ch/hr with head fire with crown involvement.

Probability of Ignition (PIG) = 50% shaded fuels to 70% exposed fuel, dropping to 10% during the shift.

Spotting distances of up to ½ mile have been observed.

Dead fuel moisture contents: 10hr = 5% , 100hr and 1000hr =10%

#### SPECIFIC:

All Divisions:

Expect active burning during the early portion of the shift. Activity will diminish as fine fuels stop carrying fire due to rising humidity. Large down and dead fuels will continue to burn during the shift. Any wind creates the opportunity for increased fire activity with short range spotting, torching and short crown runs on steep slopes.

Anticipate complete fuel consumption of larger fuels due to low fuel moistures. Stumps and roots have the potential to burn out and create stump holes that will be a hazard at night. Mopping up stump holes may be a challenge if you have to dig out the burning roots.

Any thunderstorms that may develop during the day should diminish by the time you get to your DP. Gusty and erratic winds earlier in the day create the potential for fire becoming established below you.

### AIR OPERATIONS

Watch for gusty and erratic winds associated with thunderstorm development.

Sunset: 2023

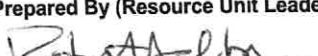
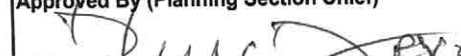
### SAFETY

**Be heads up for fire being established below you.**


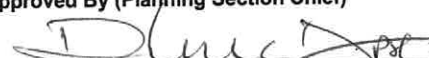
Watch for fire weakened snags as well as live trees that have had roots burned off.

The complete consumption of fuels increases the risk of rocks becoming dislodged and rolling down slopes.

## Division/Group Assignment List (ICS 204 WF)

<b>1. Incident Name:</b>			<b>3.</b>			
MAD_RIVER_COMPLEX			<b>Branch:</b>		<b>Division/Group:</b>	
<b>2. Operational Period:</b> NIGHT					<b>A/D/G</b>	
Date/Time From: 08/07/2015 1800 FRI	Date/Time To: 08/08/2015 0900 SAT					
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		LESLIE CURTIS		<b>BRANCH DIRECTOR</b> COREY ROSE		
<b>DIVISION/GROUP SUPERVISOR</b>		JORDAN MCKNIGHT		<b>AIR ATTACK SUPERVISOR</b>		
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator	LWD	Leader		Number Persons	Drop Off PT./Time	Pick Up PT./Time
ENGINE S/T - T1 - CA-XSC - 2311A (E-53)	08/14	RICHARD ALAMEDA/REGGIE WILLIAMS (T)		22	DP15/1900	DP15/0800
ENGINE S/T T3 MAD RIVER 1 (E-901)	08/19	JIM OBERRITER		21	DP15/1900	DP15/0800
ENGINE - T4 - CENTRAL WILDFIRE 742	08/14	JOHN THORSEM/TOM RIZZO (T)		3	DP15/1900	DP15/0800
ENGINE - T6 - PACIFIC HABITAT 66	08/14	DUSTIN STEERS		3	DP15/1900	DP15/0800
SOFR	08/18	TOM DONOHOE		1	DP15/1900	DP15/0800
SOFR	08/20	DAVID RANDOLPH		1	DP15/1900	DP15/0800
<b>6. Control Operations/Work Assignments:</b>						
Patrol and secure fire line along HWY 36, adjacent to structures on Ruth Lake, HWY 36 and Forest Glen areas. Assist adjoining divisions with mop up and suppression activities.						
<b>7. Special Instructions:</b>						
USE COMMAND TO MAKE CONTACT WITH DAY DIVISIONS						
Use caution around snags.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1	168.1000	0.0	170.4500	123.0	A
TACTICAL	4	166.5500	0.0	166.5500	123.0	A
AIR TO GROUND CMD	14	169.1500	0.0	169.1500	0.0	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
					08/07/2015	1500

## Division/Group Assignment List (ICS 204 WF)

<b>1. Incident Name:</b>			<b>3.</b>				
MAD_RIVER_COMPLEX			<b>Branch:</b>		<b>Division/Group:</b>		
<b>2. Operational Period:</b> NIGHT					<b>S/W</b>		
Date/Time From: 08/07/2015 1800 FRI			Date/Time To: 08/08/2015 0900 SAT				
<b>4. Operations Personnel</b>							
<b>OPERATIONS CHIEF</b>		LESLIE CURTIS		<b>BRANCH DIRECTOR</b>		COREY ROSE	
<b>DIVISION/GROUP SUPERVISOR</b>		ALAN HUSKINS		<b>AIR ATTACK SUPERVISOR</b>			
<b>5. Resources Assigned this Period</b>							
Strike Team / Task Force / Resource Designator		LWD	Leader		Number Persons	Drop Off PT./Time	Pick Up PT./Time
ENGINE S/T - T1 - OES 4805A		08/14	ERIC DEHART		22	DP30/1900	DP30/0800
ENGINE S/T - T6 - MAD RIVER 3 (E-903)		08/20	JEFF ASHFORD		16	DP30/1900	DP30/0800
ENGINE- T3 - BLACKTIMBER 11		08/19	TED HEBRARD		1	DP30/1900	DP30/0800
ENGINE - T6 - SMITHFIELD FD - B40		08/14	BRANDT PITCHER		3	DP30/1900	DP30/0800
ENGINE - T6 - NORTH LOGAN FD - BRUSH 120		08/14	JON KELLER		3	DP30/1900	DP30/0800
ENGINE - T6 - LOGAN FD - E-670		08/14	JASON GIBBONS		3	DP30/1900	DP30/0800
SOFR		08/19	SCOTT BELKNAP		1	DP30/1900	DP30/0800
<b>6. Control Operations/Work Assignments:</b>							
Patrol and mop up along East Van Duzen Road to prevent fire from crossing to the West Van Duzen Rd. Patrol, mop up and secure fire line along West Bank Rd./01S06 Road to prevent fire from spreading.							
<b>7. Special Instructions:</b>							
USE COMMAND TO MAKE CONTACT WITH DAY DIVISIONS							
Use caution with numerous snakes and wildlife in fire area.							
<b>8. Division/Group Communication Summary</b>							
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode	
COMMAND	1	168.1000	0.0	170.4500	123.0	A	
TACTICAL	4	166.5500	0.00	166.5500	123.0	A	
AIR TO GROUND CMD	14	169.1500	0.0	169.1500	0.0	A	
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>	
					08/07/2015	1500	



## Division/Group Assignment List (ICS 204 WF)

<b>1. Incident Name:</b>				<b>3.</b>		
MAD_RIVER_COMPLEX				<b>Branch:</b>  <b>LASSIC</b>	<b>Division/Group:</b>  <b>AA/LL/VV/YY</b>	
<b>2. Operational Period:</b> <b>NIGHT</b>						
Date/Time From: 08/07/2015 1800                      FRI		Date/Time To: 08/08/2015 0900                      SAT				
<b>4. Operations Personnel</b>						
<b>BRANCH DIRECTOR</b>						
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
UNSTAFFED				**/	**/	
<b>6. Control Operations/Work Assignments:</b>						
<b>7. Special Instructions:</b>						
<p><b>**SPIKE CAMP WILL BE SET UP AT DP60 IN DIVISION V V. JAMES JONES WILL BE THE BASE CAMP MANAGER.</b></p>						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND						
TACTICAL						
LOGISTICS						
AIR TO GROUND						
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
<i>Gary Thompson</i>			<i>[Signature]</i>		08/07/2015	1530

## Division/Group Assignment List (ICS 204 WF)

<b>1. Incident Name:</b>				<b>3.</b>		
MAD_RIVER_COMPLEX				<b>Branch:</b>	<b>Division/Group:</b>	
<b>2. Operational Period:</b> NIGHT					<b>B/F/FOREST GLEN SPG</b>	
Date/Time From: 08/07/2015 1800 FRI		Date/Time To: 08/08/2015 0900 SAT				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>			<b>BRANCH DIRECTOR</b>			
<b>DIVISION/GROUP SUPERVISOR</b>			<b>AIR ATTACK SUPERVISOR</b>			
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
UNASSIGNED						
<b>6. Control Operations/Work Assignments:</b>						
<b>7. Special Instructions:</b>						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND						
TACTICAL						
LOGISTICS						
AIR TO GROUND						
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
<i>Gary Thompson</i>			<i>[Signature]</i> PSC2		08/07/2015	1200

## Division/Group Assignment List (ICS 204 WF)

<b>1. Incident Name:</b>			<b>3.</b>			
MAD_RIVER_COMPLEX			<b>Branch:</b>	<b>Division/Group:</b>  <b>RUTH LKE SPG</b>		
<b>2. Operational Period:</b> <b>NIGHT</b>						
Date/Time From:	Date/Time To:					
08/07/2015 1800                      FRI	08/08/2015 0900                      SAT					
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		<b>BRANCH DIRECTOR</b>				
<b>DIVISION/GROUP SUPERVISOR</b>		<b>AIR ATTACK SUPERVISOR</b>				
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
UNASSIGNED						
<b>6. Control Operations/Work Assignments:</b>						
<b>7. Special Instructions:</b>						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND						
TACTICAL						
LOGISTICS						
AIR TO GROUND						
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
<i>Bary Thompson</i>			<i>[Signature] PSC</i>		08/07/2015	1200

**Incident:**  
Mad River Complex

**Date:**  
8/7-8/2015

**Operational Period:**  
Night Shift



# ***SAFETY MESSAGE***



*Fire fighter safety comes first on every fire, every time*

## **MAJOR HAZARDS AND RISKS**

- |   |  |
|---|--|
| <ul style="list-style-type: none"><li>• Dehydration - Drink lots of water 2:1 water/Gatorade</li><li>• Snags and hazard trees</li><li>• Civilian traffic on roads</li><li>• Communications – make sure instructions are clear</li></ul> | <ul style="list-style-type: none"><li>• Complacency – Situational Awareness</li><li>• Wildlife on roads at sun down and sun rise</li><li>• Driver fatigue</li><li>• Lightning – refer to IRPG pg 21 and the 30/30 rule</li></ul> |
|---|--|

## **Safety Top 10 List**

**Most common excuses for not following safety rules & policies:**

10. **My supervisor said “It’s OK!”**
9. **The last fire I was on didn’t care about that.**
8. **My company/district/forest doesn’t provide that to us.**
7. **I didn’t think you had to wear that if you were on the road.**
6. **Isn’t this fire contained?**
5. **The other safety officer came by and he didn’t say anything.**
4. **I’ve been fighting fire for 20 years and I’ve never been hurt yet.**
3. **If I’m wearing earplugs, I can’t hear my swamper/falling boss yell “RUN!”**
2. **The guy in camp said I didn’t need that on this fire.**
1. **No one else is wearing theirs, including my supervisor.**



## **THE TAKEAWAY MESSAGE HERE IS ...**

*If you hear someone making excuses remind them about the potential consequences.  
If you see or hear something, say something!!*

### **Safety Officers**

Marty Hamel SOF1, Dave Morton SOF1, Charlotte Jordan SOF1t & David Vitwar SOF1t  
Your Night Shift Line Safety Officers: Tom Donohoe, Scott Belknap & David Randolph

**Mad River Complex CA-SRF-1433 - Friday, August 7, 2015 Night Shift**

Location	Hazard	Control or Abatement Action
ALL DIV	Hazard Trees	<ul style="list-style-type: none"> <li>* Follow "Hazard Tree Safety" guidelines, IRPG (2014) page 22&amp;23</li> <li>* Post lookouts, or spotter in mop-up areas with high concentrations of danger trees</li> <li>* Don't park vehicles or take breaks in high concentrations of hazard trees</li> <li>* Establish "Decision Points" for disengagement during high wind events</li> </ul>
ALL DIV	Driving and Traffic	<ul style="list-style-type: none"> <li>* Practice "Defensive Driving" techniques* Use spotters when backing * Honk horn to alert personnel when backing * Always use headlights * Drive at posted or slower speed limits as conditions warrant * Be on the alert for opposing traffic that may be in your lane*</li> <li>* Watch out on narrow, winding roads that may have steep drop offs</li> <li>* Use chock blocks, turn wheels into hill * Seat Belts are mandatory * No texting while driving</li> <li>* Watch for wildlife and livestock on all roads * Be prepared for sudden, unexpected stops</li> </ul>
DIV A/D	Power Utilities and Gas Lines	<ul style="list-style-type: none"> <li>* Notify all personnel of downed electrical lines.</li> <li>* Refer to the IRPG (2014) pg. 24-25 for Power Line Safety</li> <li>* Always treat downed wires as energized * Identify and avoid high-tension transmission lines.</li> <li>* Identify and avoid high pressure natural gas lines * Identify and avoid damaged gas service near structures * Be aware of utility restoration in your work area</li> </ul>
DIV B,D,F,G,W,S, A A,V V, LL	Potential for Spotting and Severe Fire Behavior	<ul style="list-style-type: none"> <li>* Share weather observations with all personnel assigned to division</li> <li>* Establish "Decision Points" to withdraw * Maintain situational awareness</li> <li>* Use "Risk Management" process prior to taking action, refer to IRPG (2014) pg.1</li> <li>* Review "Severe fire behavior potential" IRPG (2014) pg. 68</li> <li>* Maintain adequate escape routes and safety zones and continue to re-evaluate throughout the shift</li> <li>* Factor in drought conditions and local ERC prior to operations</li> <li>* Base all actions on past, current and expected behavior of the fire</li> </ul>
ALL DIV	Fireline Hazards and Mop Up	<ul style="list-style-type: none"> <li>* Do not work directly above or below personnel during mop-up operations</li> <li>* Watch for falling and rolling debris on steep slopes* Maintain 8'-10' spacing when working &amp; walking</li> <li>* Alert crew personnel of rolling debris by yelling to affected individuals</li> <li>* Position debris that could roll vertically on slope</li> <li>* Watch for weakened trees that may pose danger or fall</li> <li>* Scout areas for mop up prior to work. Wear appropriate PPE</li> <li>* Identify and make known burning stumps or roots that may cave In</li> </ul>
ALL DIV	Fatigue, Overexertion, dehydration and heat related illness	<ul style="list-style-type: none"> <li>* Drink fluids throughout operational period (water and Gatorade) <b>not energy drinks</b></li> <li>* Rotate crews out of smoky areas *Follow work / rest guidelines</li> <li>* Set a reasonable work pace and allow adequate rest breaks</li> <li>* Use buddy system to monitor personnel of heat related and fatigue issues</li> <li>* For Heat Related Injuries refer to IRPG (2014) pg.103</li> </ul>
ALL DIV	Marijuana Plantations	<ul style="list-style-type: none"> <li>* Leave area quietly the same direction that you entered and notify DIVS</li> <li>* Watch for hazardous materials and be aware of possible traps in the grow area</li> <li>* Use extreme caution during encounters * Individuals guarding plantation may be armed</li> <li>* Grower may become confrontational, maintain calm demeanor and leave area</li> </ul>
ALL DIV	Communications	<ul style="list-style-type: none"> <li>* Maintain communication with aviation resources, and suppression organization.</li> <li>* Ensure all know frequency and protocol for contacting resources * Utilize the ICS 205 and 204</li> </ul>
A A, V V, A, B, D, F, G, S, W	Firing Operations & Devices	<ul style="list-style-type: none"> <li>* Only personnel trained in the use of each device will be authorized to use firing equipment.</li> <li>* Ensure all personnel are aware of firing operation that may affect them and wear appropriate PPE</li> <li>* Ensure aerial/ground ignition plans have been adequately developed and personnel are briefed</li> </ul>
ALL DIV	Environmental Hazards	<ul style="list-style-type: none"> <li>* Be alert for rattlesnakes, watch footing and hand placement around rocks</li> <li>* Check yourself for ticks, watch for bees and other insects that bite or sting</li> <li>* Be alert for bears, cougars, and other wildlife</li> <li>* Poisonous plants - identify plants and avoid; Change and wash clothing and shower frequently</li> </ul>
ALL DIV	Thunderstorms	<ul style="list-style-type: none"> <li>* Review and follow Thunderstorm Safety guidelines in IRPG page 21 (2014)</li> <li>* Observe 30/30 Rule for lightning safety, IRPG page 19 (2014)</li> <li>* Establish "Decision Points" to withdraw, and ensure all know rally site</li> <li>* Use "Risk Management" process to determine retreat criteria and actions</li> </ul>
Lassic Branch	Naturally Occurring Asbestos	<ul style="list-style-type: none"> <li>* Avoid disturbing areas of Serpentine rock formations</li> <li>* Avoid dusty conditions to reduce exposure</li> <li>* Limit dust generating activities</li> <li>* Avoid or minimize tracking dust into vehicles</li> <li>* Dust abatement should be considered where ever possible</li> </ul>



INCIDENT RADIO COMMUNICATIONS PLAN		Incident Name			Date/Time Prepared			Operational Period Date/Time		
		<b>Mad River Complex SRF-001433</b>			<b>8/7/15, 2000 hrs</b>			<b>8/7-8/15, 1800-0900</b>		
Zn / Ch	Function	Channel Name/Trunked Talkgroup	Assignment	RX Freq	RX Tone/NAC	TX Freq	TX Tone/NAC	Mode A, D, M	Remarks	
1	Command	CMD 1	All Divisions	168.1000	0.0	170.4500	123.0	A	Medical	
2	Command	CMD 2	Not Deployd	170.0125	0.0	165.2500	123.0	A	Will be deployed 8/8	
3	Command		Future use							
4	Tactical	TAC 4	NIGHT Div.A/G/S/W/D	166.5500	123.0	166.5500	123.0	A		
5	Tactical	TAC 5	unassigned	168.2375	123.0	168.2375	123.0	A		
6	Tactical	TAC 6	unassigned	166.7250	123.0	166.7250	123.0	A		
7	Tactical	TAC 7	unassigned	166.7750	123.0	166.7750	123.0	A		
8	Tactical	TAC 8	unassigned	168.2500	123.0	168.2500	123.0	A		
9	Tactical	TAC 9	unassigned	159.4725	123.0	159.4725	123.0	A		
10	Tactical	TAC 10	unassigned	154.2875	123.0	154.2875	123.0	A		
11	Tactical	TAC 11	unassigned	154.3025	123.0	154.3025	123.0	A		
12	Dispatch	SRF-2 FN	IA & Emergency Backup	168.7250	0.0	170.1250	103.5	A	Tone 8: Local Dispatch - IA and emergency backup	
13	Tactical	CALCORD	Medical	156.0750	156.7	156.0750	156.7	A	Life Flight, etc.	
14	Air - Ground CMD	A-G 1	All Divisions	169.1500	0.0	169.1500	0.0	A		
15	Air - Ground TAC	N/A	N/A		0.0		0.0	A		
16	Emergency only	GUARD	All Divisions	168.6250	0.0	168.6250	110.9	A	AIR GUARD - emerg. use only-Tone 1	
17										
18										
19										
20	Emergency only	GUARD	All Divisions	168.6250	0.0	168.6250	110.9	A	AIR GUARD - emerg. use only -Tone 1	

Prepared By (Communications Unit Leader) *[Signature]* Incident Location County Trinity Latitude, Longitude N 40 12.334, W 123 17.844

**Greg Ely, COML**

Deviation is assumed to be narrow band unless otherwise noted in the remarks. Mode refers to either "A" (analog), "D" (digital) or "M" (mixed mode). 1/14/14 v.5

# MEDICAL PLAN

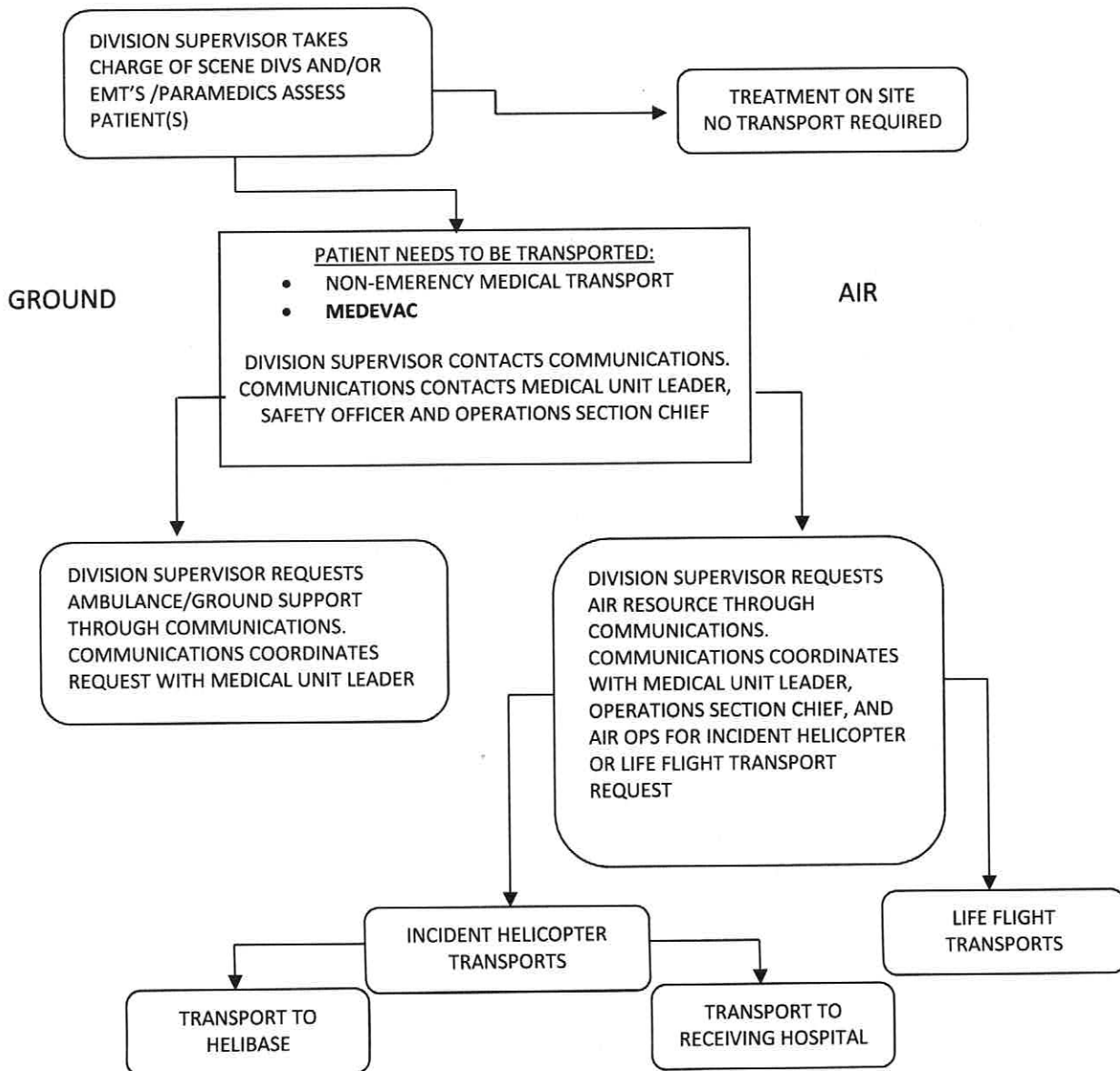
<b>1. Incident/Project Name</b>				<b>2. Operational Period</b>						
<b>Mad River Complex</b>				Date/Time <b>08/07-08/2015 - 1800-0900</b>						
<b>2. Aid Station</b>										
Name	Complete Address	Phone & EMS Frequency	Advanced Life Support (ALS)							
			Yes	No						
Frontline Medical	Mad River ICP Flying AA Ranch Ruth Lake, CA	530-927-8133	XX							
<b>3. Ambulance Services</b>										
Name	Complete Address	Phone & EMS Frequency	Advanced Life Support (ALS)							
			Yes	No						
Trinity County Life Support Medic 305	Mad River ICP	530-623-2500	XX							
Southern Area Trinity Rescue	153 A Van Duzen Rd. Mad River, CA	707-574-6421			XX					
<b>4. Air Ambulance Services</b>										
Name	Phone	Type of Aircraft & Capability								
CAL FIRE H102 Day Hoist	707-726-1268	B205A++ Hoist								
CHP H14/H16 Day Hoist	530-242-3210	A Star B3 Hoist								
CA ANG Guard 825 North Ops Hoist/Extraction Helo	530-243-1434	H60 (Blackhawk) NVG/Hoist								
PHI Med 43/REACH	800-597-9571	EC 135 IFR/NVG B407 NVG								
<b>5. Hospitals</b>										
Name Complete Address	GPS Datum – NAD 83 Coordinate Standard Degrees Decimal Minutes DD° MM.MMM' N - Lat DD° MM.MMM' W - Long	Travel Time Air	Gnd	Phone	Helipad Yes	No	Level of Care Facility			
St Joseph Hospital 2700 Dolbeer St Eureka, CA 95501	Lat: N 40 47.02	20 Min	2.5 HRS	707-269-4250 707-442-8646	X		Level II Trauma Center			
	Long: W 124 23.67									
	VHF:									
Shasta Regional Medical Center 110 Butte St. Redding, CA 9600	Lat: N 40 35.18	30 Min	3 HRS	530-244-5353 530-243-4042	X	<input type="checkbox"/>				
	Long: W122 23.13									
	VHF:									
Redwood Memorial Hospital 3300 Renner Dr. Fortuna, CA 95540	Lat:		2.5 HRS	707-725-3361	<input type="checkbox"/>	X				
	Long:									
	VHF:									
Mercy Medical Center 2175 Rosaline Redding, CA 96001	Lat: N 40 34.29	30 Min	3 HRS	530-225-7201 530-242-4401	X	<input type="checkbox"/>				
	Long: W 122 23.67									
	VHF:									
UC Davis Medical Center 2315 Stockton Blvd Sacramento, CA 95817	Lat: N 38 33.17	1.5 HRS	5 HRS	916-734-3790 916-734-5669	<input type="checkbox"/>	X	Level I Trauma Center Burn Center			
	Long: W 121 27.05									
	VHF:									
<b>6. Prepared By (Medical Unit Leader)</b>							<b>7. Date/Time</b>	<b>8. Reviewed By (Safety Officer)</b>		<b>9. Date/Time</b>
Robert Russell MEDL 							08/07/2015 1200	Marty Hamel SOF1 		08/07/2015 1200

Initiate care with available resources at scene and notify DIVS when an injury occurs.

The DIVS, or designee, shall coordinate the incident and direct necessary actions. Take the following actions:

1. Determine the nature of the emergency.
2. If the emergency is a medical injury/illness, determine if the injury/illness is life threatening.
3. If the injury is life threatening, then clear designated frequency for emergency traffic.
4. Identify the on-scene point of contact by position.
5. Contact the Medical Unit Leader immediately.
6. Identify number injured, patient assessment(s) and location (geographic and/or GPS coordinates).
7. Identify on-scene medical personnel by position and last name (i.e. EMT Jones).
8. Identify preferred method of patient transport.
9. Determine any additional resources or equipment needed.

Continually evaluate the Evacuation Plan, develop contingencies in the event the first plan is not effective.



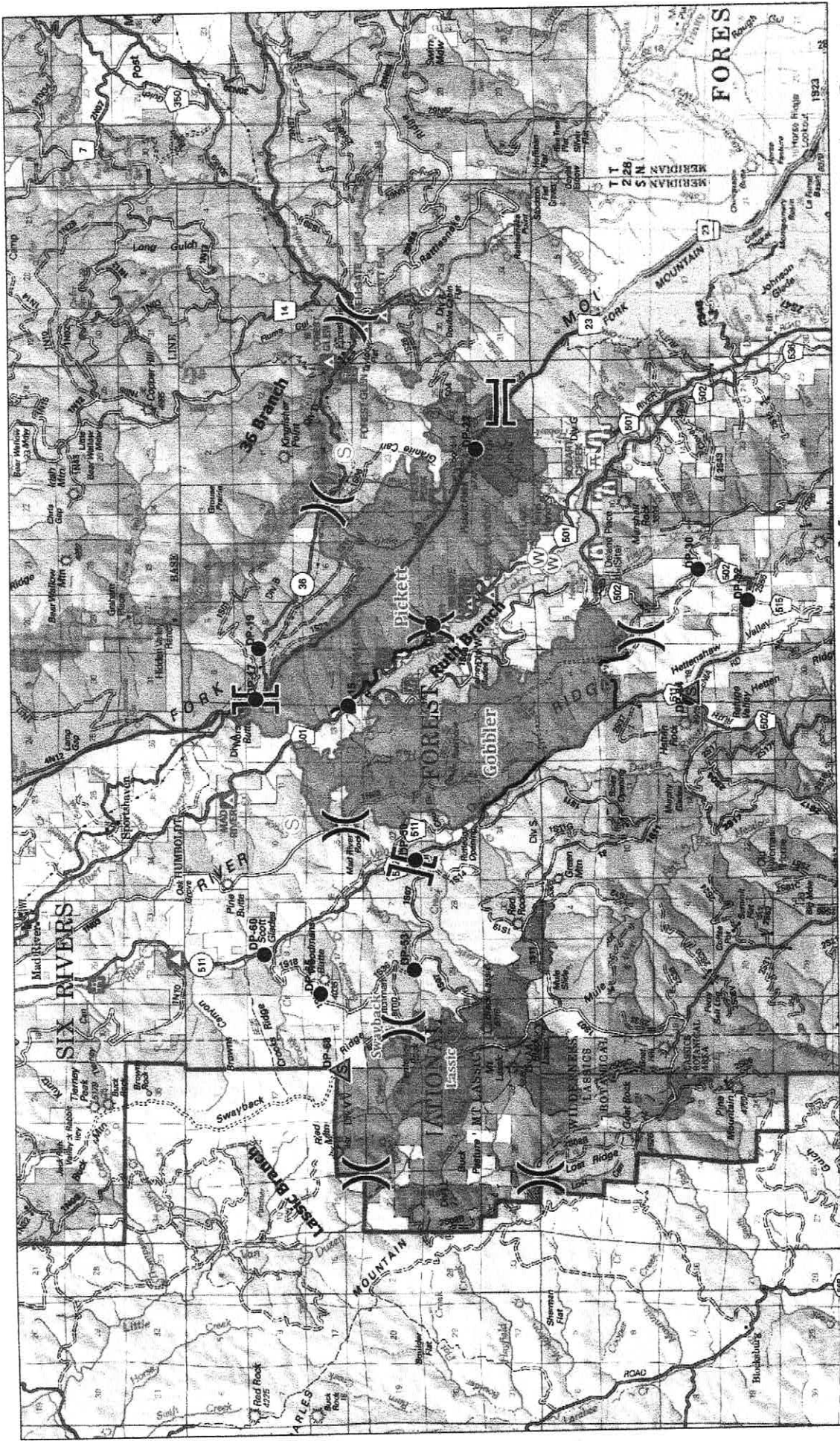


Medical Incident Report					
<b>FOR ALL MEDICAL EMERGENCIES: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.</b>					
<b>Use items one through nine to communicate situation to communications/dispatch.</b>					
<b>1. CONTACT COMMUNICATIONS/DISPATCH</b> <i>Ex: "Communications, Div. Alpha. Stand-by for Priority Medical Incident Report." (If life threatening request designated frequency be cleared for emergency traffic.)</i>					
<b>2. INCIDENT STATUS:</b> <i>Provide incident summary and command structure.</i>					
<b>Nature of Injury/Illness</b>			<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>		
<b>3. INITIAL PATIENT ASSESSMENT:</b> <i>Complete this section for each patient. This is only a brief, initial assessment. Provide additional patient info after completing this 9 Line Report.</i>					
Number of Patients:	Male / Female	Age:	Weight:		
Conscious? <input type="checkbox"/> YES <input type="checkbox"/> <b>NO = MEDEVAC!</b>					
Breathing? <input type="checkbox"/> YES <input type="checkbox"/> <b>NO = MEDEVAC!</b>					
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>					
<b>4. SEVERITY OF EMERGENCY, TRANSPORT PRIORITY</b>					
<b>SEVERITY</b>			<b>TRANSPORT PRIORITY</b>		
<input type="checkbox"/> <b>URGENT-RED</b> <i>Life threatening injury or illness. 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 <b>IMMEDIATE.</b>		
<input type="checkbox"/> <b>PRIORITY-YELLOW</b> <i>Serious injury or illness. 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 <b>DELAYED.</b>		
<input type="checkbox"/> <b>ROUTINE-GREEN</b> <i>Not a life threatening injury or illness. Ex: Sprains, strains, minor heat-related illness.</i>			Non-Emergency. Evacuation considered <b>Routine of Convenience.</b>		
<b>5. TRANSPORT PLAN:</b>					
<b>Air Transport:</b> (Agency Aircraft Preferred)					
<input type="checkbox"/> Helispot		<input type="checkbox"/> Short-haul/Hoist		<input type="checkbox"/> Life Flight	
<input type="checkbox"/> Other					
<b>Ground Transport:</b> <i>Click here to enter text.</i>					
<input type="checkbox"/> Self-Extract		<input type="checkbox"/> Carry-Out		<input type="checkbox"/> Ambulance	
<input type="checkbox"/> Other					
<b>6. ADDITIONAL RESOURCE/EQUIPMENT NEEDS:</b>					
<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)					
<b>7. COMMUNICATIONS:</b>					
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)					
<b>8. EVACUATION LOCATION:</b>					
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:					
<b>9. CONTINGENCY:</b>					
<b>Considerations:</b> <i>If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead...</i>			<b>REMEMBER:</b> <i>Confirm ETA's of resources ordered Act according to your level of training Be Alert. Keep Calm. Think Clearly. Act Decisively.</i>		

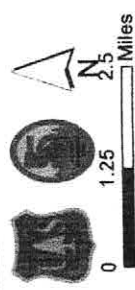


**LASSICS LUPINE**





- Drop Point
- Staging Area
- Water Source
- Fire Perimeter
- Completed Line
- Division
- Branch



**TRANSPORTATION  
MAP**

Mad River Complex  
CA-SRF-1433  
August 6, 2015

MAD RIVER COMPLEX  
FACILITIES MAP  
8/16/15 NOT TO SCALE  
TB

