

# **Incident Action Plan**

Route Complex

CA-SRF-001476 / P5J0N7 (0510)

Mad River Complex

CA-SRF-001433 / P5J0JC (0510)


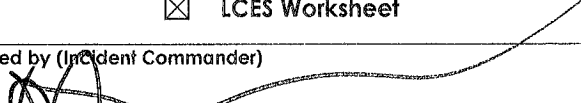


**EXTENDED IAP**


09/03/15 – 09/09/15

0700 – 1900



<b>INCIDENT OBJECTIVES</b>	1. Incident Name <b>Route Complex Mad River Complex</b>	2. Date <b>9/2/2015</b>	3. Time <b>19:22</b>
4. Operational Period <b>9/03/2015 – 9/09/2015      0700-1900</b>			
5. General Control Objectives for the Incident (Include alternatives)  <b>MANAGEMENT OBJECTIVES</b>  <ul style="list-style-type: none"> <li>• <b>Ensure that all work assignments provide for firefighter and public safety through the application of sound risk management principles.</b></li> <li>• <b>Continue stage one suppression repair in priority areas.</b></li> <li>• <b>Continue demobilization plan in coordination with the forest, expanded dispatch, and NOPS.</b></li> </ul> <b>OPERATIONAL OBJECTIVES</b>  <ul style="list-style-type: none"> <li>• <b>Coordinate all suppression repair work with assigned READs and in compliance with the SRF/SHF Fire Suppression Repair Plan. Provide support for BAER efforts.</b></li> <li>• <b>Continue to strengthen and secure current containment lines.</b></li> </ul>			
6. Weather Forecast for Period  <b>See attached forecast</b>			
7. General Safety Message  <b>See attached safety message</b>			
8. <b>Attachments (mark if attached)</b>			
<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Weather	
<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> Safety Message	
<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input type="checkbox"/> Traffic Plan	<input checked="" type="checkbox"/> LCES Worksheet	
9. Prepared by (Planning Section Chief) 	10. Approved by (Incident Commander) 		

## ORGANIZATION ASSIGNMENT LIST (ICS 203)

<b>1. Incident Name:</b> MAD_RIVER_COMPLEX		<b>2. Operational Period:</b> DAY	
		Date/Time From: 09/03/2015 0700	Date/Time To: 09/09/2015 1900
		THU	WED
<b>3. Incident Commander(s) and Command Staff:</b>		SECURITY UNIT	
IC/UC	QUENTIN JOHNSON	FOOD UNIT	
IC (T)	CHRISTOPHER RUFF	<b>7. Operations Section:</b>	
SAFETY OFFICER	LOUIS SANDOVAL	DAY OPS SECTION CHIEF	JOHNNY WHATLEY
INFORMATION OFFICER		NIGHT OPS SECTION CHIEF	
LIAISON OFFICER		PLANNING OPS	
<b>4. Agency/Organization Representative(s):</b>		OPS SECTION CHIEF	
<b>Agency/Organization</b>	<b>Name</b>	DEPUTY OPS SECTION CHIEF	
SIX RIVERS N.F.	DAN DILL	STAGING AREA	LINDA SULLIVAN
SHASTA TRINITY N.F.	RANDALL WALKER		
LEAD RESOURCE ADVISOR	BRYSON CODE	DIVISION/GROUP	TASK FORCE A P.J. LINGLEY QUENTIN FORD (T)
TRINITY COUNTY SHERIFF	JAKE HESS / RON WHITMAN	DIVISION/GROUP	TASK FORCE B JOHN TOWNSEND MATT WALLS (T)
HUMBOLDT COUNTY SHERIFF	KERRY IRELAND	DIVISION/GROUP	TASK FORCE C MARK SACHARA LEIGH STEWART (T)
BUREAU OF INDIAN AFFAIRS	ERNESTO HURTADO	<b>7b. Air Operations Branch:</b>	
CALIFORNIA CONSERVATION CORPS	BEN HERBERT	AIR OPS BRANCH DIRECTOR	
<b>5. Planning Section:</b>		AIR ATTACK SUPERVISOR	
CHIEF	XAVIER ANDERSON	AIR SUPPORT SUPERVISOR	
DEPUTY		HELICOPTER COORDINATOR	
RESOURCES UNIT	RUBINA VIGIL	AIR TANKER COORDINATOR	
SITUATION UNIT		<b>8. Finance/Administration Section:</b>	
DOCUMENTATION UNIT		CHIEF	
DEMOBILIZATION UNIT	CLAY STEWARD	DEPUTY	
FIRE BEHAVIOR ANALYST		TIME UNIT	PATTY WILSON
HUMAN RESOURCE SPECIALIST		PROCUREMENT UNIT	
TRAINING SPECIALIST		COMPENSATION UNIT	
GIS SPECIALIST	LENA HITE	COST UNIT	
STATUS CHECK IN	LANE COWGER		
INCIDENT METEOROLOGIST			
<b>6. Logistics Section:</b>			
CHIEF	JERRY BRADLEY		
DEPUTY			
SUPPLY UNIT			
FACILITIES UNIT	LORI ANDREWS		
GROUND SUPPORT UNIT			
COMMUNICATIONS UNIT			
MEDICAL UNIT			
<b>9. Prepared By:</b>		<b>Signature:</b>	
Name:	XAVIER ANDERSON		
Position/Title:	PSC3		
ICS 203	IAP Page	Date/Time:	09/02/2015 2100



# INCIDENT WEATHER FORECAST



FORECAST NO: 31  
 PREDICTION FOR: DAY SHIFT  
 SHIFT DATE STARTS: Thursday, September 3, 2015  
 FORECAST ISSUED: 1800 Wednesday, September 2, 2015

ROUTE AND MAD RIVER COMPLEXES  
 UNIT: USFS Six Rivers & Shasta T NF  
 SIGNED: Scott Weishaar  
 Incident Meteorologist

## WEATHER DISCUSSION: ...CONTINUED COOL THURSDAY BUT A LITTLE DRIER...

A broad upper level trough will reside over the Pacific Northwest and Northern California Thursday. Another impulse is expected to cross the area Thursday morning, which will maintain onshore low-level flow. Daytime temperatures Thursday will be about the same as Wednesday, but RH values should be a little less due to much drier air aloft. Friday will be the best chance of showers as the upper low sinks south over the area. The Trinity NF will have a slim threat of wet thunderstorms Friday afternoon. The low ejects northeast Saturday, signaling the start of a warming and drying trend. Above-normal daytime temperatures are likely the first half of next week.

THURSDAY: Morning low clouds then partly cloudy.

TEMPERATURE:	Below 3500ft 70-75F	3500-4500ft 66-71F	ABV 4500ft 60-65F
HUMIDITY:	Below 4500ft 25-35%	ABV 4500 ft 35-45%	

### 20 FT WINDS:

**SLOPES/VALLEYS:** Up-slope to 6 mph in the morning then Up-slope/Up-valley 6-11 mph with gusts to 18 mph.

**RIDGES:** North to Northeast 4-8 mph in the morning then Northwest 10-15 mph. Afternoon gusts to 25 mph exposed ridges.

**INVERSION:** Subsidence inversion mixing out by late morning.  
**TRANSPORT WIND:** Northwest 12-18 mph

THURSDAY NIGHT: Partly cloudy in the evening then mostly clear.

TEMPERATURE:	42-48F, but lower 50s mid/upper slopes.		
HUMIDITY:	Below 4500ft Above 80%	ABV 4500ft 40-50% but rising to 55-65%	toward dawn.

### 20-FOOT WIND:

**SLOPE/VALLEY:** Downslope to 8 mph  
**RIDGES:** Northwest 10-15 mph with gusts to 25 mph early then easing to 6-11 mph overnight.

**TRANSPORT WIND:** Northwest to North 8-12 mph.

OUTLOOK FOR FRIDAY: Partly cloudy in the morning then mostly cloudy. A chance of afternoon showers.

TEMPERATURE:	Below 3500ft 63-70F	3500-4500ft 57-62F	ABV 4500ft 51-56F
HUMIDITY:	Below 3500ft 37-45%	3500-4500ft 42-52%	ABV 4500ft 50-60%

### 20 FT WINDS:

**SLOPES/VALLEYS:** Upslope/upvalley to 10 mph. Afternoon gusts to 18 mph.  
**RIDGES:** Northwest to North 6-11 mph, increasing to 10-15 mph in the afternoon with gusts to 25 mph.

**INVERSION:** Weak inversion mixing out by 1000.  
**TRANSPORT WIND:** Northwest 12-18 mph.



# 7-DAY INCIDENT Weather Outlook



FORECAST NO: 32

NAME OF INCIDENT: Route/Mad River Complexes

PREDICTION FOR: 9/4/15 -- 9/10/15

UNIT: USFS Six Rivers and Shasta-Trinity NF

SIGNED: *Scott Weishaar*

TIME AND DATE

FORECAST ISSUED: 2000 Wednesday, September 2, 2015

Scott Weishaar  
Incident Meteorologist

**WEATHER DISCUSSION:** ...RETURN TO SUMMER-LIKE CONDITIONS EARLY NEXT WEEK...

Fall-like pattern will persist through Saturday. An upper low will settle over the area Friday, resulting in much cooler temperatures. The low migrates northeast Saturday for the start of a warming and drying trend. Above-normal daytime temperatures can be expected Monday through the middle of next week. Subsidence inversions will become more prevalent early next week with poor RH recovery over the ridges.

**SKY/WEATHER:** Mostly cloudy Friday with a chance of showers. Partly cloudy Saturday. Mostly clear Sunday through Thursday.

		9/4/15	9/5/15	9/6/15	9/7/15	9/8/15	9/9/15	9/10/15
<b>MAX TEMP</b>	3500-4500ft	57-65	63-71	71-79	77-85	81-89	82-90	82-90
	ABV 4500ft	51-56	57-62	65-70	71-76	77-82	78-83	78-83
<b>MIN TEMP</b>	3500-4500ft	41-46	40-46	43-49	46-55	49-57	50-58	49-57
	ABV 4500 ft	40-45	37-42	43-49	51-57	55-60	57-62	55-60
<b>MAX RH</b>	3500-4500ft	>80%	>80%	>80%	60-80%	50-70%	45-65%	50-70%
	ABV 4500 ft	>80%	>80%	60-80%	40-50%	20-35%	20-30%	20-35%
<b>MIN RH</b>	3500-4500ft	40-55%	30-45%	22-32%	17-25%	15-25%	15-25%	15-25%
	ABV 4500ft	50-60%	40-55%	25-35%	20-30%	20-25%	17-24%	17-24%
<b>LAL</b>		1	1	1	1	1	1	1
<b>CWR</b>		20%	0%	0%	0%	0%	0%	0%

**20-FT AFTERNOON WIND RIDGES:**

**FRI:** Northwest to North 10-15 mph with gusts to 25 mph.

**SAT:** Northwest 10-15 mph with gusts to 25 mph.

**SUN:** Northwest 8-12 mph with gusts to 20 mph.

**MON:** Northwest 5-8 mph with gusts to 15 mph.

**TUE-WED:** West less than 10 mph.

**THU:** West to Northwest 6-11 mph with gusts to 18 mph.

**OBTAIN SPOT FORECASTS FROM NWS EUREKA:**

<http://spot.nws.noaa.gov/cgi-bin/spot/spotmon?site=eka>

# FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 31	TYPE OF FIRE: Wildland Fire
FIRE NAME: Route Complex/Mad River Complex	OPERATIONAL PERIOD: 0700-1900, September 3, 2015
DATE ISSUED: September 2, 2015	TIME ISSUED: 1900
UNIT: Six Rivers NF/Shasta-Trinity NF	SIGNED: /s/ Ken Larson, FBAN

## INPUTS

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

**Discussion:** Daytime temperatures will be about the same as yesterday but relative humidity values should be a little lower due to drier air aloft.

**Weather:** Morning low clouds then partly cloudy.

**Max Temp:** 70 - 75° below 3500 ft.; 66 -71° 3500 - 4500 ft.; 60 - 65° above 4500 ft.

**Min RH:** 25 - 35% below 4500 ft.; 35-45% above 4500 ft.

**Winds (20 foot):** Slope/Valley: Upslope/upvalley 6-11 mph with gusts to 18 mph in the afternoon.

Ridgetop: N to NE 4-8 mph in the morning, then NW 10-15 mph gusts to 25 in the afternoon.

## FIRE BEHAVIOR

### GENERAL

Effects of the recent rains are beginning to taper off with fuels moving back toward pre-precipitation conditions, especially on southerly aspects and exposed slopes. Should fire breach containment lines expect moderate fire behavior. Fire spread will be primarily backing, flanking, and smoldering within control lines during the operational where fire will carry. Mad River ERC for September 2 was 49, predicted for September 3 is 47.

### SPECIFIC FIRE BEHAVIOR

For timber fuels the potential worst-case surface head fire spread will be 4-8 chains/hour with flame length to 3-5 feet. There is potential for single/group tree torching with denser understory vegetation. Most fire will be backing and flanking at slow spread rates. Large burning materials such as logs may roll long distances on steeper slopes and cross containment lines. Spotting distance short range, less than 1/10 mile. Probability of ignition will be 50-60%.

#### Route Complex

The Buck Fire and the Johnson Fire are in patrol/mop-up status. Several areas with heat still need to be worked, primarily on Division A and west of DP-25 on the Johnson Fire.

#### Mad River Complex

Pickett, Gobbler, and Lassic Fires are all in mop-up/patrol status. One hot area on Division Z of the Lassic Fire needs to be located and mopped up.

## AIR OPERATIONS

If the need for aircraft arises there should be no issues after the early morning low clouds lift.

Sunrise: 06:42

Sunset: 19:43

## SAFETY

Fuels continue to dry out after the rain received on August 29. Southerly aspects and exposed areas have nearly dried out to pre-precipitation conditions. Keep heads up for roll-out on steep slopes and any areas with heat near containment lines.

## FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 32	TYPE OF FIRE: Wildland Fire
FIRE NAME: Route Complex/Mad River Complex	OPERATIONAL PERIOD: 0700-1900 09/04-10/2015
DATE ISSUED: September 2, 2015	TIME ISSUED: 2000
UNIT: Six Rivers NF/Shasta-Trinity NF	SIGNED: <i>Is/ Ken Larson FBAN</i>

\*\*\*\*\*DISCLAIMER: ANY INFORMATION OVER 48 HOURS OLD MAY NOT BE RELIABLE\*\*\*\*\*

WEATHER SUMMARY: See attached Fire Weather Forecast

Friday, 09/04: Mostly cloudy, chance of showers. Maximum Temperature 57-65°. Minimum RH 40-55%. 20 ft. ridgetop winds NW to N 10-15 mph, gusts to 25.

Saturday, 09/05: Partly cloudy. Maximum Temperature 63-71°. Minimum RH 30-45%. 20 ft. ridgetop winds NW 10-15 mph, gusts to 25.

Sunday, 09/06 - Thursday, 09/10: Mostly clear. Maximum Temperature 79-90°. Minimum RH 15-22%. 20 ft. ridgetop winds NW or W 5-12 mph, maximum gusts 15 to 20.

### FIRE BEHAVIOR

#### GENERAL

The greatest threat to containment will be burning material rolling down slope and crossing control lines. Most fire that results from this will burn back upslope toward the main fire but containment efforts may be hampered by steepness of the slope and continuing roll-out. Cross slope winds may also hinder operations.

#### Daytime

Worst case potential fire behavior will be a ROS upslope to 8-10 chains/hour with flame lengths up to 4-6 feet in the timber fuel type. Individual and group tree torching possible. Probability of ignition will run around 40-50% Friday and Saturday but raise to 60-80% for the remainder of the period. Expect the spotting distance to be short range Friday and Saturday, increasing to 1/10 mile maximum the remainder of the week.

A backing fire will have a ROS of 1-2 chains per hour, flame length of 2 feet.

#### Nighttime

The potential worst-case fire behavior will be a head ROS of 1-4 chains/hour and a flame length of 1 foot for a surface fire. Probability of ignition 10-20%. Spotting will be negligible.

### AIR OPERATIONS


No air operations planned during the period.

### SAFETY


Pay attention to changing weather conditions during the shift, particularly wind speed and direction. Any spotting below containment lines will normally burn back uphill to the main fire unless winds push it laterally cross slope or downslope.




## 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> DAY			<b>TASK FORCE A</b>			
Date/Time From: 09/03/2015 0700 THU		Date/Time To: 09/09/2015 1900 WED				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		JOHNNY WHATLEY		<b>DIVISION/GROUP SUPERVISOR</b>		PJ LINGLEY QUENTIN FORD (T)
<b>BRANCH DIRECTOR</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
TFLD (T) O-455.3		09/06	QUENTIN A FORD	1	DP ICP/0730	DP ICP/1900
TFLD O-455.1		09/06	PJ LINGLEY	1	DP ICP/0730	DP ICP/1900
HC2 FORTUNA 22 C-136		09/04	WILL CONNALLY	17	DP ICP/0730	DP ICP/1900
ENG3 MENDOCINO E-429		09/11	BRIAN HOBBS	5	DP ICP/0730	DP ICP/1900
DOZ2 FORTNER E-130		09/04	J. NUNAMAKER	1	DP ICP/0730	DP ICP/1900
EXCA KEN'S WATER E-200		09/05	ANDRE RUEGIERS	1	DP ICP/0730	DP ICP/1900
HEQB O-582		09/10	SHILO SPRINGFIELD	1	DP ICP/0730	DP ICP/1900
FALM O-150		09/07	MARTIN MILLER	1	DP ICP/0730	DP ICP/1900
READ O-644		09/14	NATHAN MILLET	1	DP ICP/0730	DP ICP/1900
READ O-614		09/11	AYRES DICKS	1	DP ICP/0730	DP ICP/1900
<b>6. Control Operations/Work Assignments:</b>						
<ul style="list-style-type: none"> <li>• Continue stage one suppression repair in priority areas.</li> <li>• Mop up or patrol as directed.</li> </ul>						
<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 CH 1	NIFC C2	168.1000	0.0	170.4500	156.7	A
COMMAND CH 2	NIFC C6	168.4750	0.0	173.8125	156.7	A
COMMAND CH 3	NIFC C9	170.0125	0.0	165.2500	156.7	A
TACTICAL CH 5	NIFC T5	166.7250	0.0	166.7250	0.0	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
ROBERTA LIM					09/02/2015	2000


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

<b>1. Incident Name:</b> MAD_RIVER_COMPLEX			<b>3.</b>			
<b>2. Operational Period:</b> DAY			<b>Branch:</b>		<b>Division/Group:</b>	
Date/Time From: 09/03/2015 0700 THU		Date/Time To: 09/09/2015 1900 WED				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		JOHNNY WHATLEY		<b>BRANCH DIRECTOR</b>		
<b>DIVISION/GROUP SUPERVISOR</b>		JOHN TOWNSEND MATT WALLS (T)		<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	
HC2IA MDS 3 C-41	09/09	CHARLES HECKER	20	ICP/0730	ICP /1900	
ENG3 MNF 45 E-430	09/11	WILL MARCKS	5	ICP/0730	ICP /1900	
DOZ2 SRF 4 E-147	09/09	JAY DILLON / SHF OPERATORS	2	ICP/0730	ICP /1900	
EXCA W/LOWB BEN'S TRUCK E-450	09/14	RICK JURIN SR.	1	ICP/0730	ICP /1900	
HECB O-532	09/09	DAVID WESTON VANDENABELLE	1	ICP/0730	ICP /1900	
HEQB (T)	09/10	SANITH OUT	1	ICP/0730	ICP /1900	
READ O-227	09/13	DOREEN HRIRNAK	1	ICP/0730	ICP /1900	
READ O-461	09/04	MAIJA MENEKS	1	ICP/0730	ICP /1900	
SOFR O-523	09/10	JAMES WILLIAMS	1	ICP/0730	ICP /1900	
<b>6. Control Operations/Work Assignments:</b>						
<ul style="list-style-type: none"> <li>• Continue Stage 1 suppression repair in priority areas.</li> <li>• Mop up or patrol as directed.</li> </ul>						
<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 CH 1	NIFC C2	168.1000	0.0	170.4500	156.7	A
COMMAND CH 2	NIFC C6	168.4750	0.0	173.8125	156.7	A
COMMAND CH 3	NIFC C9	170.0125	0.0	165.2500	156.7	A
TACTICAL CH 6	NIFC T6	166.7750	0.0	166.7750	0.0	A
<b>9. Prepared By (Resource Unit Leader)</b>		<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>	
DUANE MILLER				09/02/2015	2000	

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

<b>1. Incident Name:</b>		<b>3.</b>				
MAD_RIVER_COMPLEX		Branch:	Division/Group:			
<b>2. Operational Period:</b> DAY		<b>TASK FORCE C</b>				
Date/Time From: 09/03/2015 0700 THU	Date/Time To: 09/09/2015 1900 WED					
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>	JOHNNY WHATLEY	<b>BRANCH DIRECTOR</b>				
<b>DIVISION/GROUP SUPERVISOR</b>	MARK SACHARA LEIGH STEWART (T)	<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	
HC2IA NYS 2 C-42	09/09	IAN KERR	20	ICP/0730	ICP /1900	
ENG3 LUR 8130 E-411	09/10	RON SANDLING	5	ICP/0730	ICP /1900	
DOZ2 SHF 79	09/13	TBA	2	ICP/0730	ICP /1900	
EXCA W/LOWB LUKE ANDREWS E-247	09/04	LUKE ANDREWS	1	ICP/0730	ICP /1900	
FALM PRO PLUS	09/06	RON WOODMAN	2	ICP/0730	ICP /1900	
HECB O-533	09/11	COLBY HILL	1	ICP/0730	ICP /1900	
READ O-460	09/04	PETER HARADEN	1	ICP/0730	ICP /1900	
READ		ADAM DRESSER	1	ICP/0730	ICP /1900	
READ O-443	09/04	SCOTT DAILEY	1	ICP/0730	ICP /1900	
SOFR O-623	09/12	DERRICK HECKMAN	1	ICP/0730	ICP /1900	
<b>6. Control Operations/Work Assignments:</b>						
<ul style="list-style-type: none"> <li>• Continue Stage 1 suppression repair in priority areas.</li> <li>• Mop up or patrol as directed.</li> </ul>						
<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 CH 1	NIFC C2	168.1000	0.0	170.4500	156.7	A
COMMAND CH 2	NIFC C6	168.4750	0.0	173.8125	156.7	A
COMMAND CH 3	NIFC C9	170.0125	0.0	165.2500	156.7	A
TACTICAL CH 7	NIFC T7	168.2500	0.0	168.2500	0.0	A
<b>9. Prepared By (Resource Unit Leader)</b>		<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>	
DUANE MILLER		 PSC3		09/02/2015	2000	

## 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> DAY			<b>STAGING</b>			
Date/Time From: 09/03/2015 0700 THU		Date/Time To: 09/09/2015 1900 WED				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		JOHNNY WHATLEY		<b>BRANCH DIRECTOR</b>		
<b>STAGING AREA MANAGER</b>		LINDA SULLIVAN		<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
ENG6 FVF 576		09/14	JIMMY AVILA	3	ICP/0730	ICP/1900
WT3 TNF WT E-342		09/11	RAYMOND RAYES	1	ICP/0730	ICP/1900
CHIPPER MARTY'S TREE 1 E-367		09/06	MARTY HERTLER	1	ICP/0730	ICP/1900
FEMP O-451		09/12	VLADIMIR TRUBIN	1	ICP/0730	ICP/1900
FEMT O-559		09/09	LUCERO VALDEZ	1	ICP/0730	ICP/1900
AMBULANCE 9150			TBD	2	ICP/0730	ICP/1900
<b>6. Control Operations/Work Assignments:</b>						
<ul style="list-style-type: none"> <li>• Be prepared to mobilize or respond with Task Force if assigned.</li> </ul>						
<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 CH 1	NIFC C2	168.1000	0.0	170.4500	156.7	A
COMMAND CH 2	NIFC C6	168.4750	0.0	173.8125	156.7	A
COMMAND CH 3	NIFC C9	170.0125	0.0	165.2500	156.7	A
TACTICAL CH 4	VTAC 11	151.1375	0.0	151.1375	0.0	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
DUANE MILLER					09/02/2015	2000

**INCIDENT RISK ANALYSIS ROUTE/MAD RIVER COMPLEX CA-SRF-1476 (ICS 215A) Day**

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES	
ALL	DANGER TREES	<ul style="list-style-type: none"> <li>Follow "Hazard Tree Safety" guidelines, IRPG pages 22.</li> <li>Post lookouts, or use a spotter in mop-up areas with personnel.</li> <li>Don't park vehicles or take breaks in high concentrations of hazard trees.</li> <li>Establish trigger points for disengagement during high wind events".</li> </ul>	
ALL	TRAFFIC & DRIVING	<ul style="list-style-type: none"> <li>Practice "Defensive Driving" techniques.</li> <li>Use spotters when backing.</li> <li>Always use headlights.</li> <li>Use warning lights when working on roads or traveling in smoke.</li> <li>Observe posted speed limits.</li> <li>Use chock blocks, turn wheels into hill.</li> <li>Many roads are narrow and mid slope, use caution.</li> </ul>	
ALL	DRY FUEL CONDITIONS	<ul style="list-style-type: none"> <li>Establish and maintain LCES</li> <li>Anticipate intense burning and rapid rates of spread</li> <li>Watch for spot fires</li> <li>Allow for adequate time to escape routes and safety zones</li> </ul>	
ALL	STEEP TERRAIN & ROLLING DEBRIS	<ul style="list-style-type: none"> <li>Maintain 8'-10' spacing when working &amp; walking.</li> <li>Don't work above any personnel.</li> <li>Evaluate necessity to send personnel in areas with limited access.</li> </ul>	
ALL	ENVIRONMENTAL HAZARDS	<ul style="list-style-type: none"> <li>Keep alert for wildlife, rattlesnakes, insects, and plants. Watch footing and hand placement around rocks.</li> <li><b>Personal hygiene is #1 when it comes to Poison Oak Prevention.</b></li> </ul>	
ALL	MARIJUANA PLANTATIONS	<ul style="list-style-type: none"> <li>Maintain situational awareness.</li> <li>Watch for open areas and sign of improvements or irrigation systems.</li> <li>Be aware of evidence that cultivation has occurred in the area.</li> <li>If you stumble upon an area with probable cultivation be extremely cautious, exit on the same route you arrived and notify supervisor immediately.</li> </ul>	
ALL	MOP-UP AND REPAIR	<ul style="list-style-type: none"> <li>Conduct thorough briefing for all personnel (inside rear cover IRPG)</li> <li>Use all required PPE, including eye protection</li> <li>Maintain proper spacing and overhead clearance</li> <li>Be alert for hazard trees, stump holes, and ash pits</li> <li>Minimize exposure to smoke, and rotate personnel into clean air when practical</li> <li>Evaluate unburned islands/Increase situational awareness</li> </ul>	
ALL	CHIPPER OPERATIONS	<ul style="list-style-type: none"> <li>Ensure JHA is provided and signed by operators.</li> <li>Only qualified personnel will feed the chipper.</li> <li>Ensure appropriate PPE is used including eye and hearing protection.</li> </ul>	
ALL	HEAT RELATED ILLNESS (HRI) & DEHYDRATION	<ul style="list-style-type: none"> <li>Drink 2 to 1 water to sports drinks.</li> <li>Take Frequent breaks, minimum of 10 minutes every hour.</li> <li>Recognize symptoms of HEAT RELATED ILLNESS which include Lack of energy, Headaches, dizziness, lack of rest, no hunger, poor eating habits, hot skin, and lack of sweating</li> </ul>	
ALL	HEAVY EQUIPMENT OPERATIONS	<ul style="list-style-type: none"> <li>Ensure communications are established with operators.</li> <li>Use hand signals if other communications are unavailable.</li> <li>Maintain a 50'-100' exclusion area around equipment.</li> <li>Use a spotter when backing.</li> </ul>	
ALL	FATIGUE	<ul style="list-style-type: none"> <li>Be alert for signs of fatigue and take breaks as necessary.</li> <li>Maintain 2:1 work/rest ratio.</li> <li>Monitor incoming resources for level of fatigue.</li> </ul>	
INCIDENT NAME: <b>Route/Mad River Complex</b> ICS 215a		DATE PREPARED: <p style="text-align: center;"><b>September 2, 2015</b></p>	OPERATIONAL PERIOD <b>Day Shift 09/03 - 09-09 2015</b>  Prepared by S. Davis
		TIME PREPARED: <b>1400 HOURS</b>	

**Lookouts**  
**Communications**  
**Escape Routes**  
**Safety Zones**

## Route/Mad River

Operation Period: 9-3 to 9-9 Day Shift

# SAFETY MESSAGE

### Planning for Safety

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

### MAJOR HAZARDS AND RISKS

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

#### **Look Up, Look Down, Look Around During Mop Up**

\***Look Up:** Check the sky for any weather changes such as building or approaching thunderstorms, wind shifts or increasing in speed. Watch for air operations and water drops. Look for snags and the potential for rolling material.

\***Look Down:** Watch your footing. Keep an eye out for snakes, bee's nests, Stump holes, and ash pits.

\* **Look Around** Check for flagging identifying hazards in the area, and general terrain features. Keep an eye on fellow firefighters for signs of heat stress and fatigue.

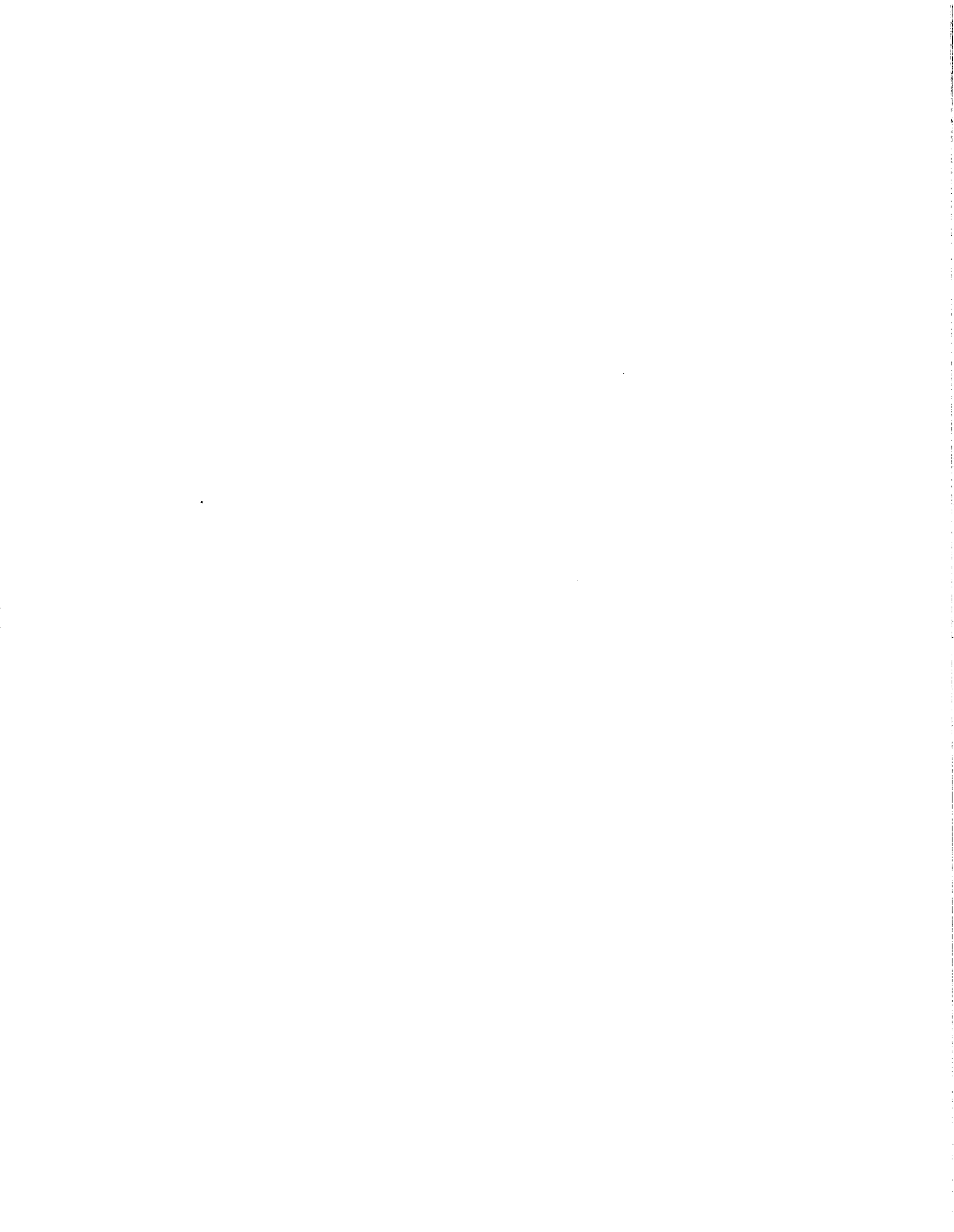
#### Hazard Tree Indicators

- Numerous down trees.
  - Leaning trees.
  - Dead or broken tops and / or limbs hanging in the trees.
  - Absences of needles, bark, or limbs.
  - Possibility of rot indicated by conks, broken tops, basal scars, cat faces, numerous down limbs, ants, abundance of woodpecker holes.
  - Stump holes burning in the area.
- Smoke or fire burning in the base or tops of either dead or live trees may indicate rot and / or weakening of tree.

**Louie Sandoval , Safety Officer**

<b>MEDICAL PLAN</b>	1. INCIDENT NAME Route Complex Mad River Complex		2. DATE PREPARED 9/02/15		3. TIME PREPARED 1900		4. OPERATIONAL PERIOD 09/03 to 09/10/2015 0700-1900	
	5. INCIDENT MEDICAL AID STATIONS							
MEDICAL AID STATIONS			LOCATION				PARAMEDICS	
Southern Trinity Health Services			321 Van Duzen Rd. Mad River, Ca. 95552 M-F 0800 to 1700				YES	NO
Line Medics Per 204			All Divisions				XX	XX
6. TRANSPORTATION								
A. AIR RESOURCES								
NAME		LOCATION		PHONE		PARAMEDICS		
REACH Air Ambulance		Redding, Ca.		911 707-726-1266		YES	NO	
PHI Air Ambulance		Redding, Ca.		911 707-726-1266		XX		
C.H.P. (Day Hoist)		Redding, Ca.		911 707-726-1266		XX		
Cal Fire (Day Hoist)				911 707-726-1266			XX	
B. INCIDENT AMBULANCES								
NAME		LOCATION				PARAMEDICS		
Ukiah Medic 9150		All Divisions				YES	NO	
Southern Trinity Area Rescue		153 Van Duzen Rd. Mad River, Ca. 707-574-6421				XX	XX	
7. HOSPITALS								
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
Redwood Memorial Hospital	3300 Renner Dr. Fortuna, Ca.	20 min	1.25 Hours	707-725-3361		XX		XX
St. Joseph Hospital	2700 Dolbeer, Eureka, Ca. N 40°47.02 W 124°08.48	20 Min	1.5 Hours	707-269-4250	XX			XX
Mad River Hospital	3800 Janes Rd. Arcata, Ca.	20 Min	2 Hours	707-826-8264	XX			XX
Shasta Regional Medical Center	110 Butte Redding, Ca. N 40° 34.29 W 122° 23.67	30 Min	2.25 Hours	530-244-5353	XX Roof			XX
Mercy Medical Center Level 2 Trauma Center	2175 Rosaline Redding, Ca. N 40° 34.29 W 122° 23.67	30 Min	2.25 Hours	530-2257201	XX			XX
St. Elizabeth Comm. Hospital Level 3 Trauma Center	2550 Sister Mary Columbia Dr. Red Bluff, Ca. N 40° 08.08 W 122° 13.13	40 Min	2.5 Hours	530-529-8300	XX			XX
U.C. Davis Medical Center Level 1 Trauma Center, Burn	2315 Stockton Blvd. Sacramento N 38° 33.17 W 121° 27.05	80 Min	4.5 Hours	916-734-3790 ER 916-734-3636 BC	XX Roof		XX	
8. MEDICAL EMERGENCY PROCEDURES								
IN-CAMP CARE				LINE EMERGENCIES				
				<ul style="list-style-type: none"> <li>Start of shift: notify your Div Sup of EMT's/Paramedic's and Medical gear carried by crew</li> <li>Crew Supervisor contacts Division with Nature of Emergency on command frequency.</li> <li>Division Supervisor contact's Communications and declare a medical emergency on command channel.</li> <li>Closest DIVS or designee responds to incident <ul style="list-style-type: none"> <li>Closest SOFR/EMT's respond to assist w/care</li> <li>Use attached Injury or Incident Comm. Protocol</li> <li>If ambulance (ground or air) delayed designate rendezvous site and move towards it</li> </ul> </li> <li>Secure scene for investigation—keep a log</li> </ul>				
ICS 206 8-78		9. PREPARED BY (MEDICAL UNIT LEADER) Patrick Young MEDL		10. REVIEWED BY (SAFETY OFFICER) Steve Davis SOF-2				

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





# INCIDENT RADIO COMMUNICATIONS PLAN

Incident Name: **Mad / Route SRF-001476**

Date/Time Prepared: **9/02/15, 1730**

Operational Period Date/Time: **9/03-9/2015, 0700-1900**

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	NIFC C2	All Divisions	168.1000	0.0	170.4500	156.7	A	Tone 6 (Pickett L O.) link to C6, C9
2	Command	NIFC C6	All Divisions	168.4750	0.0	173.8125	156.7	A	Tone 6 (Blake Mt) link to C2, C9
3	Command	NIFC C9	All Divisions	170.0125	0.0	165.2500	156.7	A	Tone 6 (Lassic Mt) link to C6, C2
4	Tactical	VTAC 11	Staging	151.1375	0.0	151.1375	0.0	A	
5	Tactical	NIFC T5	Task Force A	166.7250	0.0	166.7250	0.0	A	
6	Tactical	NIFC T6	Task Force B	166.7750	0.0	166.7750	0.0	A	
7	Tactical	NIFC T7	Task Force C	168.2500	0.0	168.2500	0.0	A	
8	Tactical	NIFC T2	I/A	168.2000	0.0	168.2000	0.0	A	
9	Tactical	NIFC T3	UNASSIGNED	168.6000	0.0	168.6000	0.0	A	
10	Command	SHF RPT	Alt CMD	171.5750	0	169.1000	0	A	Tone 5 (146.2) Tone 8 (103.5)
11	Command	SRF RPT	Alt CMD	168.7550	0.0	170.1250	0.0	A	Tones 9, (100.0) Tone 14 (151.4)
12	Command	SRF-ADM	Alt CMD	168.1250	0.0	170.4750	0.0	A	Tone 9, Kettanpom. Tone 14 Picket PK
13	Tactical	SER NET	ROUTE ALT	164.1250	0.0	164.8250	0.0	A	Tone 12 Blake (127.3)
14	Air - Ground	A-G 43	All Divisions	167.6000	0.0	167.6000	0.0	A	A/G SHF
15	Tactical	CALCORD	All Divisions	156.0750	0.0	156.0750	156.7	A	Medical Evac - Tone 6
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) **Don Stoner**  
 Incident Location: County **Trinity** Latitude, Longitude **N 40 27.375, W 123 31.690**

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**





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		Describe the injury (Ex: Broken leg with bleeding)
Incident Name		Geographic Name + "Medical" (Ex: Trout Meadow Medical)
Incident Commander		Name of IC
Patient Care		Name of Care Provider (Ex: EMT Smith)

**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"/> <b>NO = MEDEVAC!</b>			
Breathing? <input type="checkbox"/> YES <input type="checkbox"/> <b>NO = MEDEVAC!</b>			
Mechanism of Injury: What caused the injury?			
Lat/Long (Datum WGS84) Ex: N 40° 42.45' x W 123° 03.24'			

**4. SEVERITY OF EMERGENCY, TRANSPORT PRIORITY**

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

**5. TRANSPORT PLAN:**

**Air Transport:** (Agency Aircraft Preferred)

- Helispot       Short-haul/Hoist       Life Flight       Other

**Ground Transport:**

- Self-Extract       Carry-Out       Ambulance       Other

**6. ADDITIONAL RESOURCE/EQUIPMENT NEEDS:**

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

**8. EVACUATION LOCATION:**

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

**9. CONTINGENCY:**