

YUBA FIRE

Incident Action Plan



CA-NEU-16856

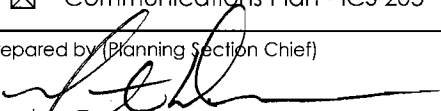

August 21 – August 23, 2009

0600 – 0600

August 21 – 0600 - IAP Briefing at Yuba Fairgrounds

August 22 – 0700 - IAP Briefing at Park's Bar Bridge/Hwy 20

August 23 – 0700 – IAP Briefing location TBD

INCIDENT OBJECTIVES	1. Incident Name Yuba Fire	2. Date 8/20/09	3. Time 2000 hrs
4. Operational Period 8/21/09 – 8/23/09 0600 to 0600			
5. General Control Objectives for the Incident (include alternatives) <p>Management Objectives:</p> <ol style="list-style-type: none"> 1. Provide for the Health and Safety of the Firefighters and the Public. 2. Keep Costs Commensurate with the Values at Risk. 3. Work Cooperatively with Allied Agencies. 4. Protect Power Grid and Other Improvements. 5. Protect Environmental Resources. 6. Survey and Implement Fire Suppression Repair Activities. <p>Control Objectives:</p> <ul style="list-style-type: none"> • Keep the Fire North of San Juan Ridge. • Keep the Fire South of Lake Francis and Marysville Road. • Keep the Fire East of Rice's Crossing. • Keep the Fire West of Pleasant Valley Road/Sebastopol Diggings/Chute Ridge. • Once 100% containment is obtained, keep fire within established control lines. 			
6. Weather Forecast for Period See Weather Forecast			
7. General Safety Message See Safety Message			
8. Attachments (mark if attached)			
<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Weather Forecast	
<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> Fire Behavior Forecast	
<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input type="checkbox"/> Traffic Plan	<input checked="" type="checkbox"/> Air Ops Summary	
9. Prepared by (Planning Section Chief) 		10. Approved by (Incident Commander) 	

Yuba Fire Safety Message

August 21-23, 2009

Major Hazards and Risks:

FATIGUE, DEHYDRATION AND HEAT EXHAUSTION!!! Get plenty of rest, watch for fatigue and follow proper hydration procedures. Work hard and hydrate just as hard.

Fatigue may weaken your immune system; thoroughly and frequently wash your hands

WEATHER!!!! Be aware of changing conditions. Weather systems with the possibility of dry lighting are developing. Obtain and review updated weather information regularly.

Continue to watch for SNAGS. Avoid them, flag them and report them so we can get them mitigated.

Driving Safety: Watch speeds on roads, there are tight turns, narrow roads and civilian traffic. The fire is out, there is NO reason to cause an accident.

Key Points:

Poison Oak Stump holes Mine Shafts are still hazards that may be found in fire areas.

ELECTRICAL SAFETY: Power lines are still being repaired. Down lines should be considered live.

The Ten Standard Orders are FIRM. There is no compromise.

Every Crew: conduct AND document your tailgate safety message.

Establish and Maintain your LCES. Each element needs to be established AND maintained throughout the shift, if LCES is compromised, mitigate it.

INCIDENT ACTION PLAN SAFETY ANALYSIS											Incident Name Yuba Fire		Date: Aug. 21-23, 2009		Time: 0600-0600				
LCES Analysis of Tactical Applications																			
Branch	Indirect Fireline	Downhill Fireline	Underslung Fireline	Mid-Slope Fireline	Frontal Assault	Anchor Points	Extreme Conditions	Reburn Potential	Snags	Steep Terrain	Road Stability	LCES Mitigations	Predicted Wind Event	Transportation +1 hour	Communications	Structure Protection	Traffic on Roads	Power Lines	Other Risk Mitigations
I / II							X	X	X	X		Continue to maintain LCES		X	X		X	X	Be aware of others in the area
III							X	X	X	X		Be careful on steep slopes		X	X		X	X	Always treat all lines as energized
																			Drive carefully

Prepared by: Chris Cox, SOF1, ICT #10

ICS 215A

3 Day Extended Fire Weather Forecast

FORECAST NO: 5

NAME OF FIRE: Yuba

PREDICTION FOR: 0600 Fri-0600 Mon

UNIT: CALFIRE-NEU-016586

SHIFT DATE: Aug 21-23rd 2009

SIGNED:



TIME AND DATE

FORECAST ISSUED: 1700 8/20/09

Incident Meteorologist

Ryan Walbrun

WEATHER DISCUSSION: An unstable weather pattern is expected over the weekend. Updated spot weather forecasts should be requested from the NWS in Sacramento due to the possibility of t-storms: <http://spot.nws.noaa.gov/cgi-bin/spot/spotmon?site=sto>

For Friday expect similar conditions to what was observed Thursday with another warm and dry day. However by late in the operational period some increasing high clouds and cumulus clouds may form East of the fire, over the Sierra Crest. On Saturday there will be about a 5% chance of showers and thunderstorms over the Yuba Fire as any convection that fires over the Sierra Crest may drift down into the foothills. Any storms will likely be wet and at the very least Saturday will feature cloudy skies with daytime highs only in the 80s. The very slight chance of showers and thunderstorms stays in the forecast through Sunday but the more likely scenario is just partly to mostly cloudy skies with seasonable temperatures. General winds will be from the south and mainly light through the weekend.

WEATHER FORECAST For Friday: Mostly sunny....warm and dry.

HIGH TEMPERATURES: 85-95...little change from Thursday.

MINIMUM HUMIDITY: 15-25%...locally 25-30% shaded slopes along the river...little change.

20 FT WINDS:

RIDGETOP – Southwest 5-10 mph gusts 15 mph in the afternoon.

SLOPES – Light then up-canyon 3-7 mph this afternoon.

Friday Night: Partly cloudy. Lows 60-70. Minimum RH 50-60%. Southwest ridge winds 5-10 mph shifting to southeast after midnight. Light down-canyon winds 1-4 mph.

Saturday: Partly to mostly cloudy with a 5% chance of showers or thunderstorms but storms will be likely over the higher terrain. Any storms will likely be wet. Highs in the mid 80s. Minimum RH 30-40%. Southerly winds 6-12 mph...local gusts 20 mph should any storms pass nearby.

Saturday Night: Partly to mostly cloudy with a 5% chance of showers and wet thunderstorms. Low around 60 with good RH recovery to 80%. Southerly winds 5-10 mph...gusts to 15 mph possible.

Sunday: Partly to mostly cloudy with a 5% chance of showers and wet thunderstorms. Highs 80-85. Minimum RH 30-40%. Southwest winds 6-12 mph.

Sunday Night: Mostly clear. Low around 60. Maximum RH 60-80%. Southwest winds 5-10 mph on the ridges but light down-canyon in the drainages.

Safety Thought: Know the Lightning Safety Rules listed in your IRPG

FIRE BEHAVIOR FORECAST NO. 06

NAME OF FIRE: Yuba Incident CA-NEU-16856

PREDICTION FOR: Day/Night Shift

SHIFT DATE: 08/21/09 (Friday) through 08/23/2009 (Sunday)

TIME AND DATE FORECAST ISSUED: 08/20/09 2000 Hours

Signed: N. Chris Waters FBAN 

Weather Summary: Please review the daily spot weather forecast or the Fire Weather Forecast from Sacramento National Weather Service, Fire Weather at the following link: <http://www.wrh.noaa.gov/firewx/?wfo=sto>

Unsettled conditions are forecasted for the next several days with the potential for thunderstorm development and associated weather activity.

Fire Behavior General: Fire behavior over the last few days has primarily been limited to isolated burn down of heavy fuels and the continued consumption understory fuels that remain within recently fired areas. This fire activity will diminish over the next few days as mop up operations clean up any remaining hot spots.

Fuels remaining within the fire area consist of partially burned timber and hardwood vegetation where active fire didn't consume all of the available fuels. Re-burn is not expected however continue to monitor the fire area for high risk areas, especially the Yuba River Canyon.

Terrain within the Yuba River Canyon is extreme with some slopes near the Yuba River in excess 100%. These slopes have the potential to support roll outs and hard slope runs – the dominate driver of fire behavior of this fire. If fire gets established outside control lines in the canyon, hard slope runs can be expected.

Watch for Fire Damaged Trees and Stump Holes

SPECIFIC:

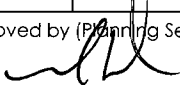
Divisions A, B, & Z: South Aspect. Grass and oak woodlands with scattered stands of timber and heavy brush. Relatively mild terrain.

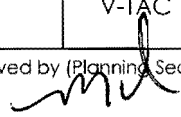
Divisions C & D: South and West Aspect. Ponderosa Pine and mixed conifer timber stands and brush fields over steeper terrain. Extremely steep terrain.


Branch L & M: North Aspect. Some mixed conifer timber stands. Grass and oak woodlands intermixed with older brush fields of oak and Manzanita over the ridges and intermixed with timber in the canyons. Ridges tend to be relatively flat with slopes ranging from 0-25%. Roll out activity remains possible in areas fired over the last 72 hours.


AVIATION OPERATIONS: Visibility will be excellent with no impact to air operations expected.

SAFETY: Mop Up operations present unique risks. Watch out for fire damaged trees and hot stump holes. Monitor the line for roll out activity and consider the potential for roll outs while working in steep terrain.

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group Suppression Repair Grp		
3. Incident Name Yuba Fire			4. Operational Period Date: 8/21/09 Time: 0600 to 0600				
5. Operations Personnel							
Operations Chief				Division/Group Supervisor		Len Nielson / Rick Carr	
Branch Director				Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader	Number Persons	Trans. Needed	Drop Off PT./Time		Pick Up PT./Time
RESP ROBERT RUTLAND (O-73)					FSR Len Nielson at Yuba Base / 0700		1800
CRW MHC MT HOOD (C-54)		TOMAS RIVERO	21		FSR Len Nielson at Yuba Base / 0700		1800
CRW PVT LOST RIVER (C-44)		NICK LEE	20		FSR Len Nielson at Yuba Base / 0700		1800
CRW TMU SLIDE MOUNTAIN (C- 11)		CODY	18		FSR Len Nielson at Yuba Base / 0700		1800
DZR PVT TAYLOR (E-129)		TAYLOR	2		FSR Len Nielson at Yuba Base / 0700		1800
DZR PVT A&F DOZER (E-41)		HOPKINS	2		FSR Len Nielson at Yuba Base / 0700		1800
DZR PVT SOPER WHEELER (E-21)		ROD HAGUE	2		FSR Len Nielson at Yuba Base / 0700		1800
DZR PVT BROWNING (E-131)		P. BROWNING	2		FSR Len Nielson at Yuba Base / 0700		1800
W/T PVT AWB INC (E-194)		R. BELION	1		FSR Len Nielson at Yuba Base / 0700		1800
W/T PVT LAWLOR (E-186)		P. PAWLOR	2		FSR Len Nielson at Yuba Base / 0700		1800
W/T PVT WALLACE (E-109)		J. GAUNTT	2		FSR Len Nielson at Yuba Base / 0700		1800
W/T PVT NEVERKOVEC (E-189)		HARRY SANDERS	1		FSR Len Nielson at Yuba Base / 0700		1800
PVT EXCAVATOR CANDY APPLE (E-204)		SHAWN WILLIAMS	1		FSR Len Nielson at Yuba Base / 0700		1800
PVT BACKHOE TBD					FSR Len Nielson at Yuba Base / 0700		1800
BBD WILDLAND FIRE MODULE (O-362)		JAMIE JALVING			FSR Len Nielson at Yuba Base / 0700		1800
MRN FOBS KENT JULIN (O-168)					FSR Len Nielson at Yuba Base / 0700		1800
MEU DRIV WASHBURN (O-150)					FSR Len Nielson at Yuba Base / 0700		1800
7. Control Operations Mitigate possible adverse effects to resources resulting from fire suppression activities. Implement Suppression Repair Plan.							
8. Special Instructions SOFR Jim Mathais assigned to entire incident. It is anticipated that resources will be released incrementally over the three day operational period. All hired equipment is authorized for only one operator for repair work.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	Rx: 151.4600W Tx: 159.3900W	Tone 15	CDF CMD 7	Logistics			
Tactical Div/Group	Rx: 158.7375N Tx: 158.7375N		V-TAC 13	Air to Ground			
Prepared by (Resource Unit Ldr.)		Approved by (Planning Sect. Ch.) 			Date		Time

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group Suppression Repair Grp			
3. Incident Name Yuba Fire		4. Operational Period Date: 8/22/09 Time: 0700 to 0700					
5. Operations Personnel							
Operations Chief		Division/Group Supervisor		Len Nielson / Rick Carr			
Branch Director		Air Attack Supervisor No.					
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time		
RESP ROBERT RUTLAND (O-73)				TBD / 0700	2000		
CRW MHC MT HOOD (C-54)	TOMAS RIVERO	21		TBD / 0700	2000		
CRW PVT LOST RIVER (C-44)	NICK LEE	20		TBD / 0700	2000		
CRW TMU SLIDE MOUNTAIN (C-11)	CODY	18		TBD / 0700	2000		
DZR PVT TAYLOR (E-129)	TAYLOR	2		TBD / 0700	2000		
DZR PVT A&F DOZER (E-41)	HOPKINS	2		TBD / 0700	2000		
DZR PVT SOPER WHEELER (E-21)	ROD HAGUE	2		TBD / 0700	2000		
DZR PVT BROWNING (E-131)	P. BROWNING	2		TBD / 0700	2000		
W/T PVT AWB INC (E-194)	R. BELION	1		TBD / 0700	2000		
W/T PVT LAWLOR (E-186)	P. PAWLOR	2		TBD / 0700	2000		
W/T PVT WALLACE (E-109)	J. GAUNTT	2		TBD / 0700	2000		
W/T PVT NEVERKOVEC (E-189)	HARRY SANDERS	1		TBD / 0700	2000		
PVT EXCAVATOR CANDY APPLE (E-204)	SHAWN WILLIAMS	1		TBD / 0700	2000		
PVT BACKHOE TBD				TBD / 0700	2000		
BBD WILDLAND FIRE MODULE (O-362)	JAMIE JALVING			TBD / 0700	2000		
MRN FOBS KENT JULIN (O-168)				TBD / 0700	2000		
MEU DRIV WASHBURN (O-150)				TBD / 0700	2000		
7. Control Operations							
Mitigate possible adverse effects to resources resulting from fire suppression activities. Implement Suppression Repair Plan.							
8. Special Instructions							
SOFR Jim Mathais assigned to entire incident.							
It is anticipated that resources will be released incrementally over the three day operational period. All hired equipment is authorized for only one operator for repair work.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	Rx: 151.4600W Tx: 159.3900W	Tone 15	CDF CMD 7	Logistics			
Tactical Div/Group	Rx: 158.7375N Tx: 158.7375N		V-TAC 13	Air to Ground			
Prepared by (Resource Unit Ldr.)		Approved by (Planning Sect. Ch.)		Date		Time	
							

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group Suppression Repair Grp			
3. Incident Name Yuba Fire		4. Operational Period Date: 8/23/09 Time: 0700 to 1900					
5. Operations Personnel							
Operations Chief		Division/Group Supervisor		Len Nielson / Rick Carr			
Branch Director		Air Attack Supervisor No.					
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time		
RESP ROBERT RUTLAND (O-73)				TBD / 0700	1900		
CRW MHC MT HOOD (C-54)	TOMAS RIVERO	21		TBD / 0700	1900		
CRW PVT LOST RIVER (C-44)	NICK LEE	20		TBD / 0700	1900		
CRW TMU SLIDE MOUNTAIN (C-11)	CODY	18		TBD / 0700	1900		
DZR PVT TAYLOR (E-129)	TAYLOR	2		TBD / 0700	1900		
DZR PVT A&F DOZER (E-41)	HOPKINS	2		TBD / 0700	1900		
DZR PVT SOPER WHEELER (E-21)	ROD HAGUE	2		TBD / 0700	1900		
DZR PVT BROWNING (E-131)	P. BROWNING	2		TBD / 0700	1900		
W/T PVT AWB INC (E-194)	R. BELION	1		TBD / 0700	1900		
W/T PVT LAWLOR (E-186)	P. PAWLOR	2		TBD / 0700	1900		
W/T PVT WALLACE (E-109)	J. GAUNTT	2		TBD / 0700	1900		
W/T PVT NEVERKOVEC (E-189)	HARRY SANDERS	1		TBD / 0700	1900		
PVT EXCAVATOR CANDY APPLE (E-204)	SHAWN WILLIAMS	1		TBD / 0700	1900		
PVT BACKHOE TBD				TBD / 0700	1900		
BBD WILDLAND FIRE MODULE (O-362)	JAMIE JALVING			TBD / 0700	1900		
MRN FOBS KENT JULIN (O-168)				TBD / 0700	1900		
MEU DRIV WASHBURN (O-150)				TBD / 0700	1900		
7. Control Operations Mitigate possible adverse effects to resources resulting from fire suppression activities. Implement Suppression Repair Plan.							
8. Special Instructions SOFR Jim Mathais assigned to entire incident. It is anticipated that resources will be released incrementally over the three day operational period. All hired equipment is authorized for only one operator for repair work.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	Rx: 151.4600W Tx: 159.3900W	Tone 15	CDF CMD 7	Logistics			
Tactical Div/Group	Rx: 158.7375N Tx: 158.7375N		V-TAC 13	Air-to-Ground			
Prepared by (Resource Unit Ldr.)		Approved by (Planning Sect. Ch.) 			Date		Time

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group R&R		
3. Incident Name <p style="text-align: center;">Yuba Fire</p>			4. Operational Period Date: 8/21/09 and 8/22/09 Time:				
5. Operations Personnel							
Operations Chief				Division/Group Supervisor			
Branch Director				Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader		Number Persons	Trans. Needed	Drop Off PT./Time		Pick Up PT./Time
S/T ENG CDF 9550C (E-80)	Paul Speer		21				
S/T CRW TGU 9256G (C-3)	Joann Cantos		33				
S/T CRW CNR 9196H (C-69)	Jake Sjolund		32				
S/T CRW BDU 9389G (C-4)	Stephen Volmer		35				
S/T CRW BDU 9388G (C-5)	Jon Wright		49				
S/T MVU 9378G (C-67)	Robert Edman		34				
7. Control Operations							
8. Special Instructions							
All CCV's need to be relocated to the North parking lot off of C Street. Contact Walt Williams at 209.756.5563 for parking instructions.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command				Logistics			
Tactical Div/Group				Air to Ground			
Prepared by (Resource Unit Ldr.)			Approved by (Planning Sect. Ch.) 			Date	Time

INCIDENT RADIO COMMUNICATIONS PLAN			Incident Name Yuba Fire			Date/Time Prepared 8-20-09			Operational Period Date/Time 8-21,22,23-09/0600-0600		
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq	N or W	RX Tone/NAC	TX Freq	N or W	Tx Tone/NAC	Mode A, D or M	Remarks
1	Command	CDF CMD 7	All Divisions	151.4600	W		159.3900	W	162.2		Tone 15
2											
3											
4	Tactical	NIFC TAC 4	Branch I/II/III	164.1375	N		164.1375	N			All Divisions
5											
6											
7											
8											
9	Tactical	V-TAC 13	Supp Rpr Grp	158.7375	N		158.7375	N	156.7		Suppression repair Group
10											
11	NEU West	NEU West	Unassigned	151.3250	W		159.3600	W			Assigned pending dispatch
12	EMS	CALCORD	All Div's	156.0750	W		156.0750	W			
13											
14	Emergency	AIR GUARD	All Div's	168.6250	N		168.6250	N	110.9		Emg. contact with aircraft
15											
16	Emergency	AIR GUARD	All Div's	168.6250	N		168.6250	N	110.9		Emg. contact with aircraft
Prepared by (Communications Unit) Scott Preston COML (T) Chet Ashbaugh COML (T)						Incident Location County State Latitude N Longitude W					

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.

MEDICAL PLAN	1. INCIDENT NAME Yuba	2. DATE PREPARED 8/20/09	3. TIME PREPARED 1900	4. OPERATIONAL PERIOD 8/21/09-8/23/09 0600 - 1800
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5. INCIDENT MEDICAL AID STATION

MEDICAL AID STATIONS	LOCATION	PARAMEDICS	
		YES	NO
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>

6. TRANSPORTATION

A. AMBULANCE SERVICES

NAME	ADDRESS	PHONE	PARAMEDICS	
			YES	NO
Bi-County Ambulance	Marysville Rd x Hwy 20	530-743-1893	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Penn Valley Ambulance	10513 Spenceville Avenue, Penn Valley, CA	530-432-1675	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cal-Star Air Ambulance	Grass Valley Emergency Command Center	GV ECC	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Reach Air Ambulance	Grass Valley Emergency Command Center	GV ECC	<input checked="" type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

B. INCIDENT AMBULANCES

NAME	LOCATION	PARAMEDICS	
		YES	NO
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>

7. HOSPITALS

NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
Rideout Hospital	726 4th Street, Marysville	15	40	530-749-4300	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sierra Nevada Hospital	155 Glassen Way, Grass Valley	10	30	530-274-6001	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Enloe Medical Center	1531 Esplanade Circle, Chico CA	25	90	530-332-7330	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UC Davis Burn Center	2315 Stockton Ave., Sacramento	20	60	916-734-3636	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8. MEDICAL EMERGENCY PROCEDURES

LINE EMERGENCY

- Crewmembers will immediately notify their Supervisor of an injury.
- If major Injury, Supervisor will declare a medical emergency with Grass Valley ECC on Command frequency and advise of nature of emergency, location of emergency, type of transportation required (ground or air), and location for transportation to make patient contact.
- Tactical net for medical emergencies will be CalCord
- Grass Valley ECC will clear command channel for emergency traffic for serious injuries only
- If minor injury, Supervisor will arrange treatment/transport as available, or coordinate through Grass Valley ECC.
- Safety will assist as needed to help mitigate the emergency and ensure all notifications are made.

9. PREPARED BY (MEDICAL UNIT LEADER) Ann Yoshinaga MEDL-(T)	10. REVIEWED BY (SAFETY OFFICER) Chris Cox, SOF1
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AIR OPERATIONS SUMMARY 220

PREPARED BY: John Richardson

DATE: 8/20/2009

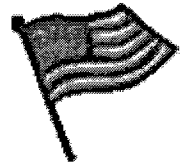
1. INCIDENT NAME: Yuba Fire		2. OPERATIONAL DATE: August 21 – 23, 2009		SUNRISE: 06:25		SUNSET: 19:48	
3. REMARKS Safety Notes: Numerous power lines and low level cables identified. See incident briefing map <i>PGE will be flying a helicopter in the fire area setting poles. They have the Victor FX and should be no factor.</i> Order FW/RW Aircraft through Operations Helibase(s) Name: Grass Valley HB (GOO) Lat/Long: N 39 13.441 W 121 00.185				4. AIR RESCUE AIRCRAFT: C104 Activation Instructions: Request placed through Operations		5. TFR/91.137: YUBA TFR RESCINDED Radius: Altitude MSL: Center Point: Latitude: Longitude:	
3a. Water Points: Francis Dip: N 39 21.74 X W121 12.26 Barr Dip: N 39 23.698 X 121 07.949				3b. Helispots: None			
6. PERSONNEL		Name		Telephone		Cellular	
		Pager		Fax		7. FREQUENCY	
AOBD						AIR TACTICS:	
ASGS						AIR/AIR RW: 126.075	
ASGS (T)						AIR/GROUND:	
ATGS						COMMAND: Consult IAP ICS 205	
HEBM Brownsville HB						COMMAND RPT:	
HLCO		Don Cockrum		530 906-5930		DECK:	
						TLOC:	
						GOO CATF 122.725	
<small>AGENCY AIRCRAFT DISPATCH OFFICE</small>		Grass Valley		530 477-0641 137		GOO 121.325	
GOO ATB		ATBM		530 272-4952		530 272-1112	
<small>AGENCY AVIATION MILITARY LIAISON</small>							
8. PERSONNEL ON ORDER: None							
SEE INCIDENT RADIO COMMUNICATIONS PLAN (205) FOR ALL OTHER FREQUENCIES!							
9. FIXED WING:		Identifier		Base		10. ROTOR WING:	
Air Attack(s):						Type	
Leadplane(s):						Helitanker(s):	
Tanker(s):						I:	
I:						II: 1 C104	
II:						III: 1 48087	
III:						IV:	
						Grass Valley HB	
						Grass Valley HB	
						RON Boggs Mtn	
11. SPECIAL ASSIGNED EQUIPMENT: AIRCRAFT RESCUE FIRE FIGHTERS , on site at helibase(s).							
12. EQUIPMENT ON ORDER:							

13. TASKS/MISSION ASSIGNMENT (Type/Function includes: Air Tactical, Helicopter Coordinator, Fixed Wing: Retardant, Rotor Wing: Helitanker: Retardant/Foam, Rotor Wing: Retardant and or Foam, Personnel & Cargo Transport, Dip Site Locations and Names, Initial Attack and Air Rescue Helicopters, and Other.

TYPE/FUNCTION	NAME OF PERSONNEL AND/OR CARGO INCLUDING INSTRUCTIONS FOR TACTICAL AIRCRAFT	MISSION START	FLY FROM	FLY TO
Air Tactical				
Helicopter Coordinator	Order from Grass Valley HB	0800		
Fixed Wing: Retardant	Order through Operations on Command	0800		
Helitanker: Retardant/Foam				
Rotor Wing: Retardant/Foam	Available from Grass Valley Helibase, order through HLCO, or if not available, through Grass Valley Helibase on command.	0800		
Recon/Plans	Available at Grass Valley Helibase. Coordinate through Operations.	0800		
Personnel Transport				
Cargo Transport				
Dip Site Names and Locations	Francis Dip: N39 21.74 W121 12.26 Barr Dip: N39 23.698 X W121 07.949			
Initial Attack Helicopter	Order through Grass Valley Local	0800		
Air Rescue Helicopter				
Other:				



YUBA INCIDENT FINANCE MESSAGE FRIDAY, AUGUST 21, 2009



**FOR YOUR CONVIENENCE THE PERSONNEL & EQUIPMENT TIME
UNITS ARE OPEN 0500.**

******* CAL FIRE PAY PERIOD ENDS SUNDAY AUGUST 23rd *******

**There are E-PAY computers located just inside the doors of the ICP
(Franklin Hall). We will try to keep these up as long as possible prior to
demobing Incinet.**

With the incident winding down we need.....

CONTRACTS – CONTRACTS – CONTRACTS

**Hired Equipment Vendors: If you have not brought your contracts to finance you need
to do so TODAY!**

SHIFT TICKETS – SHIFT TICKETS – SHIFT TICKETS

**If there is ANY hired equipment vendors under your supervision PLEASE bring all shift
tickets to finance.**

**FC-33's: Some of you will be demobed prior to your R & R – please come and see us so
we can project out your FC-33's. If you are still "assigned" to operations or rehab, we
will continue your 33's. If you have not checked in please do so.**

SUPPRESSION DAMAGE REPORTS

**We are still getting reports of suppression related damage. Please leave this
information with Comp Claims as well as Rehab. We will need the location (preferably
on a map), lat and long, photos if you have them and a short statement with your
contact numbers.**

THE BIG MOVE!

**When camp shuts down, Finance will be moving to a facility in Grass Valley. We will
leave contact numbers and will be available for at least 1 additional week after demob.**



**IF YOU HAVE ANY FINANCIAL PROBLEMS OR QUESTIONS PLEASE DO NOT
HESITATE TO COME AND ASK US. EVEN LITTLE PROBLEMS ARE BEST
AVIODED EARLY. IN MOST CASES WE CAN FIND A SOLUTION!**

**FC ROGER RAINES JR.
COMMAND TEAM 10
FINANCE SECTION CHIEF
CELL: 951-712-1907**

TRAINING SPECIALIST MESSAGE

**All Trainees and Trainers
on the Yuba Incident must be “closed out”
with the TNSP by 1000 Hrs on Friday 8-21**

**In order to receive documented credit for your training
assignment – you must close out with the Training
Specialist before you Demob!!**

BEAT THE RUSH!

**Trainees may close their assignment with the TNSP
prior to the demob process**

Bring the following to the “exit interview”

- **A completed and signed ICS 225 or 226
Performance Evaluation**
- **A completed Exit Interview Form**
 - **Task Book**

Forms are available at the Training Office

Remember: No documentation – it didn't happen!

Paul Melendrez - TNSP

8-20-09

THE FOLLOWING RESOURCES PLEASE COME SEE THE TIME UNIT

REQUEST #	NAME	UNIT	REQUEST #	NAME	UNIT
O-2	REISCHMAN	NEU	O-325	LEONARD, G	NEU
O-3	EICHOLTZ	NEU	O-334	MATA	RRU
O-6	PICKER, S	NEU	O-336	WILSON	RRU
O-7	WACHENDORFER	NEU	O-351	MATHAIS	NEU
O-8	TOLMACHOFF	NEU	O-352	BROWN	TUU
O-9	MCGREGOR	NEU	O-353	VERBECKMOES	CNR
O-10	PICKER, N	NEU	O-355	STOFFAL	BTU
O-12	BRITTNER	NEU	O-356	MESSINA	BTU
O-14	STONUM, D	NEU	O-358	STEVENSON	NEU
O-15	MENDONCA	NEU	O-359	WRIGHT	NEU
O-17	GALLEGOS, P	NEU	O-363	BURNS, L	NEU
O-27	SMITH, R	NEU	O-368	ELLIS	NEU
O-34	COCKRUM	NEU	O-369	CARR, R	NEU
O-39	MCGOWAN	LNU	O-372	OYLEAR	TGU
O-54	HUTCHINS	NEU	O-375	PARSESIAN	CNR
O-55	PRICE	TUU	O-376	ROSE	NEU
O-56	HARRIS	NEU	O-378	MUELLER	NEU
O-67	TOWNSEND	NEU	O-379	VATCHER	BTU
O-68	BURGER	NEU	O-381	SIERER-WOODI	NEU
O-73	RUTLAND	CDF	O-386	SPRAGUE	AEU
O-82	WEBB	NEU	O-387	CORRALES	AEU
O-83	HEDGE	NEU	O-388	MICHEL	AEU
O-86	HENDERSON	NEU			
O-89	BURNS	NEU	E-8	E2369	NEU
O-96	RINELLA	NEU	E-15	E5560	CDF
O-106	LUKE	BTU	E-135	DZ2140	BTU
O-108	JOHNS	AEU	E-149	DZ9428	MMU
O-109	TAYLOR	AEU	E-183	2598	TGU
O-126	HEGGIE	MVU			
O-130	ABBALLO	LNU	C-29	9395G	SLU
O-139	LANGE	NEU	C-32	9232G	NEU
O-140	TEN EYCK	NEU	C-65	9274G	AEU
O-166	CRAWFORD	SCU	C-68	9222G	LMU
O-174	SANDAHL	MEU	C-69	9196H	CNR
O-184	NEWTON	CDF			
O-222	LEONARD	NEU			
O-223	AMES	NEU			
O-249	BLAND	NEU			
O-250	FENENGA	CDF			
O-251	BUCOLO	NEU			
O-264	STULLER	NEU			
O-271	HUNZIKER	NEU			
O-272	ADAMS	NEU			
O-273	MINOR	NEU			
O-294	ZOLLO	BTU			
O-303	CHAMBERLIN	NEU			
O-304	HURD	NEU			
O-305	MENDONCA, J	NEU			
O-318	GUTIERREZ	NEU			
O-321	HOGAN	AEU			
O-324	LAWSON	NEU			

"Yuba" Incident CA-NEU-016856 Fire Suppression Repair Plan

I. Objectives

This Fire Suppression Repair Plan was developed in a cooperative effort between CAL FIRE and the Bureau of Land Management. The objective of the Suppression Repair Plan is to mitigate possible adverse effects to resources resulting from fire suppression activities on the Yuba Fire, in a manner which does not compromise firefighter safety. The mitigations described within this plan have been developed to apply to constructed fire lines, watercourse crossings, access roads, drop points, heli-spots and any other locations disturbed by fire suppression activities. A Repair Specialist will be assigned to ensure that work is done as required and according to the Emergency Fire Suppression Repair Plan. Additional specialists or equipment may be used if the need arises. Specialists will release equipment from the area when their work is completed.

II. General Repair Guidelines

A. Hellspots/Staging Areas/Safety Zones

- 1) Re-contour to the original slope as requested by the Repair Specialist.
- 2) Remove soil, and/or breach berms so that runoff can be dissipated. Cross drain these areas to effectively dissipate water runoff.
- 3) Place disturbed vegetation, brush and trees, piled during line construction, on the surface of safety zones and open areas. This may be done with equipment or hand crews.

B. Roads

- 1) Repair roads to pre-fire condition as requested by the Repair Specialist.
- 2) Re-establish existing berms where applicable.
- 3) Breach berms to facilitate drainage, where applicable.
- 4) Clean culverts plugged with soil and rock resulting from fire road use.
- 5) Remove all slash and debris from culvert inlets/outlets.
- 6) Blading or grading of roads may be necessary. Grading shall be done after all suppression repair work is completed for areas accessed by the roads being graded.
- 7) Where vegetative material was cut and deposited adjacent to permanent roads it shall be lopped and scattered to a depth within 30" of the soil surface.

C. Firelines; Hand and Dozer

Install waterbars as described in the guidelines below. Waterbars are designed to intercept, slow and spread the precipitation run-off in order to reduce sediment transport and soil erosion. The idea is to move water off the fireline before it can build up enough energy to erode and transport sediment. Re-establish waterbars and rolling dips using pre-fire locations. Flatten berms along fire lines to match natural contours. Utilize cut vegetation for erosion control on steep dozer and hand lines.

Waterbar Guidelines:

- 1) Spacing: These spacing distances should be used as a guide. Judgment should be used in locating waterbars to minimize erosion potential. It may not be possible or necessary to place waterbars in steep or rocky areas. Install water-bars at the following recommended *minimum* intervals:

Fire line Gradient (% slope)	Minimum Distance Between Water-Bars (feet)
0 to 10	200
11 to 25	100
25+	50

- 2) Location: Locate waterbars at natural slope breaks or to take advantage of natural features when possible. Direct water to unburned areas, and/or resistant surfaces with high vegetation cover when possible. Waterbars should extend beyond the width of the trail and discharge into undisturbed areas, rocky ground, or filter areas well protected with slash and vegetative cover.
- 3) Depth and Width: Waterbars need to be cut into the ground surface; do not simply push up soil. On dozer constructed line waterbar depths should be at least 6 inches; total height from bottom of ditch to top of waterbar should average at least 12 inches and not exceed 24 inches. On hand constructed line waterbar depths should be at least 4 inches; total height from bottom of ditch to top of water-bar should average at least 8 inches and not exceed 18 inches. The width of the waterbar channel should be enough to handle expected water flows and to avoid plugging when a normal amount of sloughing occurs.
- 4) Angle: Determine the average gradient in percent slope of the fire line being waterbarred. Add 5 to the average gradient. This approximates the angle in degrees for the water bar. Do not install water bars at an angle steeper than 45 degrees as this will increase water velocity rather than slow it down.

D. Watercourses

- 1) Watercourse crossings shall be dipped to original configuration. Straw mulch or native vegetation shall be placed at 90% coverage for a distance of 30'-50' each side of watercourse crossings, but not in the channel itself. Waterbreaks shall be installed on each side of channel to divert flow off of trails prior to entering watercourse channel.
- 2) Remove all soil and debris that was placed in any stream channel. A Repair Specialist will review the site for acceptability prior to mulching or native vegetation placement. If all foreign material cannot be removed with heavy equipment, the material shall be removed by hand. The excavated stream channel shall be wider than the natural channel. The approaches to the crossing shall be sloped back to prevent future stream bank failure.


E. Archaeological or Historic Sites (if discovered)

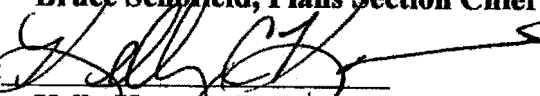
- 1) All sites and potential sites shall be flagged and avoided.
- 2) Impacted sites will be reported to the Suppression Repair Specialist as soon as possible.
- 3) If sites are encroached upon, work will stop immediately and the Division/Group Supervisor or Suppression Repair Specialist will be notified.

F. Other Repair Concerns

- 1) Remove all trash from fire lines and other affected areas.
- 2) Repair, broken, damaged fences, and/or gates damaged as the result of the fire control operations will be repaired. (Note: Extent and condition of damage should be documented prior to repairs.)
- 3) Grade and water roads, as needed, that were used during fire control operations. Roads should be out-sloped with rolling dips where degradation of the road prism has resulted from fire control operations.
- 4) Limit access for off road vehicles by placing brush and or slash where fire lines intercept roads.

Prepared by: 
Len Nielson, Emergency Fire Line Repair Technical Specialist

Approved by: 
Bruce Schofield, Plans Section Chief

Approved by: 
Kelly Keenan, Incident Commander

