

Incident Action Plan

Grass Valley

CA-BDF-10566 / P5D1RW

&

Slide Fires

CA-BDF-10570 / P5D1RV

NIGHT SHIFT

October 24-25, 2007

1800-0700

INCIDENT OBJECTIVES	1. Incident Name Grass Valley & Slide Fire	2. Date Oct 24, 2007	3. Time 1215
4. Operational Period Oct 24-25, 2007 NIGHT SHIFT: 1800-0700			
5. General Control Objectives for the Incident (include alternatives) MANAGEMENT OBJECTIVES <ul style="list-style-type: none"> • The primary objective is to provide for firefighter and public safety throughout all incident operations. • All personnel are to adhere to the 2:1 work rest cycle. • Address suppression cost accountability by keeping fire expenditures commensurate with public and private values at risk. • Initiate and engage in structure protection without compromising the safety of fire fighters, law enforcement personnel and the public. • Provide accurate and timely information to the local community and cooperating agencies. OPERATIONAL OBJECTIVES <p>Grass Valley:</p> <ul style="list-style-type: none"> • Hold eastern flank at present location • Keep fire north of DP1 • Keep fire south of Pilot Peak Rd • Keep fire east Miller Canyon Rd <p>Slide:</p> <ul style="list-style-type: none"> • Keep fire south of Crab Flats Rd • Keep fire north of City Creek Rd • Keep fire west Hwy 18 • Keep fire east Sheep Creek and east fork of City Creek OPERATIONAL PRIORITIES FOR BOTH FIRES <ol style="list-style-type: none"> 1. Contain the Grass Valley Fire 2. Maintain structure protection for the communities of Running Springs and Green Valley 3. Anchor Division Echo and Victor and initiate containment actions on the Slide Fire 			
6. Weather Forecast for Period See Spot Weather Forecast			
7. General Safety Message See attached safety message			
8. Attachments (mark if attached)			
<input checked="" type="checkbox"/> Organization List - ICS 203 <input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204 <input checked="" type="checkbox"/> Communications Plan - ICS 205	<input checked="" type="checkbox"/> Medical Plan - ICS 206 <input checked="" type="checkbox"/> Incident Map <input type="checkbox"/> Traffic Plan	<input checked="" type="checkbox"/> Weather <input checked="" type="checkbox"/> Safety Message <input type="checkbox"/> LCES Worksheet	
9. Prepared by (Planning Section Chief)	10. Approved by (Incident Commander)		

ORGANIZATION ASSIGNMENT LIST		Medical Unit	Karen Brose	
1. Incident Name Grass Valley Fire		Security Unit		
		Food Unit	Kevin Browning	
2. Date Oct 24, 2007	3. Time 1200	9. Operations Section		
4. Operational Period 10/24-25/07 Night Shift 1800-0700		Night Ops	Mike Beckett	
		Planning Ops	Tim Fike	
Position	Name			
5. Incident Commander and Staff		a. Branch I – Grass Valley Division/Groups		
Incident Commander	Bill Kaage\Corley\Smith	Division/Group	A	Steve Davis
Deputy	Joe Molhoek	Division/Group	Y/Z	Rick Young
Safety Officer	Terry O'Connell/Steve Femmel/Dave Allen (T)	Division/Group		
Information Officer	Cathleen Thompson	Structure Group		
Liaison Officer		Structure Group		
6. Agency Representative		b. Branch II - Slide Division/Groups		
Agency	Name	Branch Director		
Agency Administrator	FS - Jean Wade Evans	Deputy		
Agency Admin Rep	FS - Kurt Winchester	Division/Group		
Resource Advisor	Doug Mckay/Mark Stamer/Sham Dooley	Division/Group		
OES Rep	Bill Bondshu	Division/Group		
CALFIRE Rep	Don Feldman	Division/Group		
		Division/Group		
		Division/Group		
		Structure Group		
		Structure Group		
		d. Air Operations Branch		
7. Planning Section		Air Operations Branch Director	Walter Bunt/Kent Harper	
Chief	Matt Johnson	Air Attack Supervisor	Pat Bosch/Larry Eppler/Mark Nunez	
Deputy	Pat Farrell	Air Support Group Supervisor	Jerry Disney	
Resources Unit	Cris Jones/Barb Frazier (T)	10. Finance Section		
Situation Unit	Jeff Buscher, John Staveley(T)	Chief	Beth Lopez/Rich Andersen (T)	
Documentation Unit		Deputy		
Demobilization Unit	Dean Lutz	Time Unit	Penny Portlock	
Fire Behavior Analyst	Ken Larson	Equipment Time Unit	Juanita Cortez	
Incident Meteorologist	Valerie Meyers	Compensation/Claims Unit		
Human Resources		Cost Unit		
Training Specialist				
GISS	Kevin Roehrs (T)/Scott Conway/Chris Christofferson	Prepared by (Resource Unit Leader)		
8. Logistics Section				
Chief	Jack Costello			
Deputy				
Supply Unit				
Facilities Unit	Bill Patten/Ken Hood			
Ground Support Unit	Mike Heckendorn/Greg Connick(T)			
Communications Unit	Don Stoner			

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 3	TYPE OF FIRE: Wildland Fire
FIRE NAME: Grass Valley + Slide	OPERATIONAL PERIOD: 1800-0700 10/24-25/2007
DATE ISSUED: October 24, 2007	TIME ISSUED: 1330
UNIT: San Bernardino NF, Arrowhead RD	SIGNED: /s/ Ken Larson FBAN

WEATHER SUMMARY: See attached Fire Weather Forecast

Clear with cooler temperatures, slightly higher humidity, and light winds.

Minimum Temp: 43 - 49°

Maximum RH: 28 - 38%

Slope/Valley Winds (20'): E to 10, becoming SW 5 – 10 late. Will turn to down slope/down canyon 4-7.

Ridgetop Winds: SE to 10

FIRE BEHAVIOR

General Fire Behavior for the Grass Valley and Slide Fires:

For both fires this evening potential worst-case fire behavior in the timber/brush fuel type will be ROS of 5 - 10 chains/hour, flame lengths of 4 - 6 feet with occasional torching/short crown runs in brush or tree canopies, probability of ignition up to 50%, and spotting distance less than 1/4 mile.

Most fire should be slow, down slope backing with ROS < 1 chain/hour, flame lengths of 2 feet.

Specific Fire Behavior (Slide Fire):

In the Old Fire burn area the fuel model changes to a grass-type. Expect worst-case ROS of 15-30 chains/hour, flame lengths 5-7 feet, probability of ignition 50%, spotting distance 1/4 mile or less.

AIR OPERATIONS:

N/A

10/24 Sunset: 18:05 10/25 Sunrise: 7:02

SAFETY

Keep heads-up for rapid runs in the light grass fuels types in the Old Fire burn of 2003. Take a good look at your work area during daylight hours for aerial hazards before dark.

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group A		
3. Incident Name GRASS VALLEY			4. Operational Period NIGHT OPERATIONS Date: 10/24-25/2007 Time: 1800-0600				
5. Operations Personnel							
Operations Chief		Mike Beckett		Division/Group Supervisor		Steve Davis	
Branch Director				Air Attack Supervisor			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time		Pick Up PT./Time
STC2 9252G (C-1)	Rick Knight		38	N	Grandview School/1900		TBD
STEN XCZ 2331B (E-104)	John Ritchey	11/06	21	N	Grandview School/1900		TBD
STEN KNF 3600C (E-58)	Mike Howerton	11/06	27	N	Grandview School/1900		TBD
TF XCC 2029 (E-111)	John Healy	11/06	20	N	Grandview School/1900		TBD
TFLD (O-80)	Debra Walls	11/06	1	N	Grandview School/1900		TBD
ENG3 Colorado FPD E4 (E-49)	Sam Parsons	11/06	4	N	Grandview School/1900		TBD
ENG3 OLP E701 (E-201)	John DeLuna	11/06	5	N	Grandview School/1900		TBD
ENG3 AZ BE841 (E-149)	Jeff Clark	11/06	3	N	Grandview School/1900		TBD
ENG6 OR PRD E21 (E-177)	Matt Noble	11/06	3	N	Grandview School/1900		TBD
ENG6 Huckberry 3 (E-174)	Wendy Newmeyer	11/06	3	N	Grandview School/1900		TBD
7. Control Operations							
<ul style="list-style-type: none"> Patrol and mop-up. 							
8. Special Instructions							
<ul style="list-style-type: none"> Initial attack resources must check in at the ICP. 							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	Rx162.9625N	KING	13				
	Tx171.7875N						
Tactical Div/Group	Rx173.9125N	KING	4	Air to Ground	Rx166.9625N	KING	8
	Tx173.9125N				Tx166.9625N		
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time
						10/24/2007	1530

DIVISION ASSIGNMENT LIST				1. Branch		2. Division/Group Y/Z	
3. Incident Name GRASS VALLEY				4. Operational Period NIGHT OPERATIONS Date: 10/25-26/2007 Time: 1800-0600			
5. Operations Personnel							
Operations Chief		Mike Beckett		Division/Group Supervisor		Rick Young	
Branch Director				Air Attack Supervisor			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
STEN (O-81)	John Wickstrom	11/06	1	N	Treatment Plant/1900	TBD	
ENG3 DEF E32 (E-146)	Rod Sams	11/06	5	N	Treatment Plant/1900	TBD	
ENG3 CFM E33 (E-150)	Jared Reber	11/06	5	N	Treatment Plant/1900	TBD	
ENG3 MPS E22 (E-200)	Beau Clark	11/06	5	N	Treatment Plant/1900	TBD	
ENG3 OLF E-11 (E-35)	Paul Rademacher	11/06	4	N	Treatment Plant/1900	TBD	
ENG4 STF E1412 (E-71)	Steve Clezie	11/06	4	N	Treatment Plant/1900	TBD	
7. Control Operations <ul style="list-style-type: none"> Hold and improve hand and dozer line. 							
8. Special Instructions							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	Rx162.9625N Tx171.7875N	KING	13				
Tactical Div/Group	Rx168.0500N Tx168.0500N	KING	2	Air to Ground	Rx166.9625N Tx166.9625N	KING	8
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time
						10/25/2007	1530

**Grass Valley
Slide
Safety Message**

October 24-25, 2007
Night Shift, 1800-0700

ATTENTION AND FOCUS

Keep your mind focused on the hazards around you.

They could include:

- **Driving:** Narrow Roads, Low Visibility
- **Utilities:** Power lines, Gas lines damaged
- **Fatigue**

Mitigations could include:

- 35 mph Incident Speed Limit. Stop at all Stop Signs.
- Large Equipment (Type 1 Engines) will have access problems.
- Treat downed power lines as energized.
- Maintaining **Situational Awareness** - develop familiarity of surroundings during daylight hours
- Supervisors: Make sure your folks are getting quality rest during day.

**Safety Officers - Steve Fimmel, Terry O'connell, David Allen,
Jennifer Boyd, Shelby Charley**

INCIDENT RISK ANALYSIS (ICS 215a)

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES	
ALL	FIRE BEHAVIOR	<ul style="list-style-type: none"> • Adjust tactics to current and predicted fire behavior. • Review "Severe Fire Behavior Potential" (IRPG p.76). • Monitor current weather conditions and forecasts. Make sure all personnel receive thorough briefings every shift. • Maintain adequate escape routes and safety zones. Advise all personnel if these are compromised or changed. Set trigger points when appropriate. • Adhere to 10 Std Orders, mitigate 18 situations. Maintain Situational Awareness. 	
ALL	WORK/REST	<ul style="list-style-type: none"> • Return to 2:1 ASAP. • Avoid or limit driving after work/rest has been exceeded. 	
ALL	DRIVING HAZARDS	<ul style="list-style-type: none"> • Drive defensively! Expect the unexpected around every curve. • Drive with headlights on; use chock blocks, keep windshields clean; look before backing; and use backers whenever available. • Stop at all stop signs. • Be alert for wildlife, heavy trucks, & high speed opposing and over-taking traffic. • Check traffic approaching from behind when making left turns.. • Maintain 35mph speed limit within the incident area. 	
ALL	COMMUNICATIONS	<ul style="list-style-type: none"> • Review and evaluate Comm. Plan before shift. • Expand Tac Nets as needed. 	
ALL	STRUCTURE PROTECTION	<ul style="list-style-type: none"> • Follow Structure Assessment Checklist (IRPG p. 14) • Utilize local Structure Protection and Safety Plan (MAST plan) 	
ALL	SNAG HAZARDS	<ul style="list-style-type: none"> • Avoid Falling Operations during high winds. • Follow Hazard Tree Safety Guidelines (IRPG p. 80). • Limit number of personnel around snags and their exposure time; fallers must be qualified for trees being fallen. • Be especially alert around snags during wind events. • Maintain Situational Awareness. 	
ALL	SAFETY ZONES	<ul style="list-style-type: none"> • Follow safety zone guidelines (IRPG p. 7) • Carefully evaluate burned areas before designation as safety zones due to spotty burning in numerous areas. • When safety zones are distant from work site, set trigger points to allowing personnel to reach them in a timely manner. 	
ALL	POWERLINES	<ul style="list-style-type: none"> • Treat downed lines as live • Escape routes may get blocked by downed lines. • IRPG pg. 12. 	
ALL	Hydration	<ul style="list-style-type: none"> • Drinking water before, during and after shifts, up to 1.5 gal. per shift. • Be alert for signs of heat stress in yourself and others. 	
ALL	PPE	<ul style="list-style-type: none"> • Wear all required PPE at all times. 	
INCIDENT NAME: Grass Valley Slide ICS 215a		DATE PREPARED: <p style="text-align: center;">October 24, 2007</p>	OPERATIONAL PERIOD Night Shift 10/24-25/2007 1800-0600 Prepared by Terry OConnell
		TIME PREPARED: 1115 hours	

MEDICAL PLAN	1. INCIDENT NAME GRASS VALLEY	2. DATE PREPARED 10-24-07	3. TIME PREPARED 1100	4. OPERATIONAL PERIOD Night 1800-0700
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5. INCIDENT MEDICAL AID STATIONS			
MEDICAL AID STATIONS	LOCATION		PARAMEDICS
			YES NO
Frontline Medical Support Trailer	Rim Of The World High School, Rim Of The World Hwy 18, Rimforest, CA		X

6. TRANSPORTATION			
A. AIR AMBULANCE SERVICES			
NAME	ADDRESS	PHONE	PARAMEDICS
			YES NO
Mercy Air	Hesperia, Rancho Cucamonga	1-800-222-3456	X
Sheriff's Aviation	1776 W. Miro Way, Rialto, CA	1-909-356-3972	X X
B. AMBULANCES			
NAME	LOCATION		PARAMEDICS
			YES NO
San Bernardino County Fire / Station 91	301 S. State Hwy 173, Lake Arrowhead, CA	1-909-356-3811	X
Running Springs Fire District / Station 50	31250 Hilltop Blvd, Running Springs, CA	1-909-356-3811	X

7. HOSPITALS								
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		Y	N	Y	N
Bear Valley Community Hospital	41870 Garstin, Big Bear, CA N3414.8 XW116 53.3	---	15min	1-909-878-8201	X			X
Loma Linda University Medical Center	25333 Barton Rd., Loma Linda, CA N34 3' X W117 15'48	30min	55min	1-909-558-6000	X			X
Arrowhead Regional Medical Center	400 N. Pepper Avenue, Colton, CA N3404.29 X W11720.57	25min	60min	1-909-580-1000	X		X	

8. MEDICAL EMERGENCY PROCEDURES	
<p>LINE EMERGENCY: Crew Supervisor is to contact DIVS w/ patient complaint/condition and location.</p> <p>DIVS will run medical emergency on Command Channel *** Clear Command Channel for Emergency Traffic</p> <p>1. DIVS will contact: Grass Valley Communications</p> <p>2. Grass Valley Communications will contact:</p> <ol style="list-style-type: none"> Medical Unit Will make contact w/ other essential resources Safety/IC Day Operations <p>ICP EMERGENCY: Contact Medical Unit with patient complaint/condition and location. Medical Staff will respond or patient delivered to Medical Unit.</p> <ul style="list-style-type: none"> Communications contacts <ol style="list-style-type: none"> Medical Safety/IC Operations 	<p align="center"><u>INJURY REPORTING PROCEDURES</u></p> <p>AGE _____ SEX: MALE _____ FEMALE _____</p> <p>PATIENT UNIT ID _____ IS A EMT WITH PATIENT: YES _____ NO _____</p> <p>NATURE OF INJURY _____ #Pts _____ LOCATION OF PATIENT _____</p> <p>SPECIAL RESCUE/EXTRICATION NEEDS _____</p> <p>TRANSPORTATION REQUESTED BY: AIR _____ GRD _____ RONDEZVOUS _____</p> <p>POINT OF PICKUP _____</p> <p>LAT _____ LONG _____</p> <p>NOTES:</p> <p align="center">KEEP CALM</p>

ICS 206 8-78	9. PREPARED BY (MEDICAL UNIT LEADER) Karen Brose/Mike Clemens	10. REVIEWED BY (SAFETY OFFICER) Terry O'Connell/Steve Femmel/David Allen Jennifer Boyd/Shelby Charley
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INCIDENT RADIO COMMUNICATIONS PLAN			Incident Name/Incident Number GRASS VALLEY/SLIDE FIRES CA-BDF		Date/Time Prepared 10/24/2007 1130		Operational Period Date/Time NIGHT OPERATIONS 1800-0700 10/24/07		
EXECUTIVE COPY									
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone/NAC	TX Freq N or W	TX Tone/NAC	Mode	Remarks
1	LOCAL NET	BDF LCL	ALL DIVISIONS	171.4750 N	N/A	169.8750 N	131.8	A	TONE 3 (131.8) & TONE 4 (136.5)
2	TACTICAL	FS TAC-1	DIVS Y	168.0500 N	N/A	168.0500 N	N/A	A	CALFIRE KENWOOD CH 99
3	TACTICAL	FS TAC-3	DIVS Z, U & V	168.6000 N	N/A	168.6000 N	N/A	A	CALFIRE KENWOOD CH 101
4	TACTICAL	R5 TAC 4	DIVS A, E & F	173.9125 N	N/A	173.9125 N	N/A	A	CALFIRE KENWOOD CH 106
5	TACTICAL	R5 TAC 5	DIVISION L	173.9625 N	N/A	173.9625 N	N/A	A	CALFIRE KENWOOD CH 107
6	TACTICAL	WHITE 3	STRUCTURE-GVly	154.2950 W	N/A	154.2950 W	N/A	A	CALFIRE KENWOOD CH 163
7	TACTICAL	WHITE 2	STRUCTURE-SLIDE	154.2650 W	N/A	154.2650 W	N/A	A	CALFIRE KENWOOD CH 162
8	AIR-TO-GROUND	AIR-GND	ALL DIVISIONS	166.9625 N	N/A	166.9625 N	N/A	A	INCIDENT SPECIFIC
9	TACTICAL	BLM TAC-1	UNASSIGNED	166.7250 N	N/A	166.7250 N	N/A	A	
10	TACTICAL	BLM TAC-2	UASSIGNED	166.7750 N	N/A	166.7750 N	N/A	A	
11	TACTICAL	BLM TAC-3	UNASSIGNED	168.2500 N	N/A	168.2500 N	N/A	A	
12	COMMAND	CMD-18	SLIDE FIRE	166.8250 N	N/A	173.6750 N	N/A	A	NO TONE REQUIRED
13	COMMAND	CMD-7	GRASS VLY FIRE	162.9625 N	N/A	171.7875 N	N/A	A	NO TONE REQUIRED
14	AIR GUARD	GUARD	ALL DIVISIONS	168.6250 N	N/A	168.6250 N	N/A	A	REQUIRES TONE 1 (110.9)
15									
16/20	AIR GUARD	GUARD	ALL DIVISION	168.6250 N	N/A	168.6250 N	N/A	A	REQUIRES TONE 1 (110.9)
5. Prepared by (Communications Unit) KODY KERWIN – COML by CHRIS SUTER – COML(t)					Incident Location County SAN BERNARDINO State CA Latitude 34-16-05N Longitude 117-13-00 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 (Project 25)

