

Chalk Fire

CORRECTED

Incident #: CA-LPF-002754



Photo Courtesy of Communications Unit

Friday, October 10, 2008

Day/Night Operational Periods

0600-1800/1800-0600

Incident Objectives	1. Incident Name CHALK	2. Date Prepared 10/09/08	3. Time Prepared 1320
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4. Operational Period
10/10/08 Friday Day/Night Shift 0600-1800/1800-0600

5. General Control Objectives for the incident (include alternatives)

Management Objectives:
 Provide for Firefighter and Public Safety..
 Protect threatened, endangered, and sensitive plant and animal species.
 Protect wilderness, critical steelhead habitat, wildlife, soil, water, heritage, and scenic resources.
 Utilize Minimum Impact Suppression Tactics (MIST) within the Ventana Wilderness areas and Mill Creek Drainage.
 Manage costs to keep them commensurate with values at risk and minimize costs plus loss.
 Provide clear and timely communications to fire personnel, the public, and all affected agencies.

Control Objectives:
 Keep the fire north of Prewitt Ridge Road.
 Keep the fire west of Del Venturi Road.
 Keep the fire south of the Carrizo Trail.
 Keep the fire east of Highway 1 and Twin Peak.

Operational Priorities:
 Hold the current perimeters of the fire.

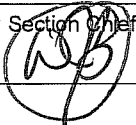
6. Weather Forecast for Period
See attached Fire Weather Forecast

7. General Safety Message
See attached Safety Message

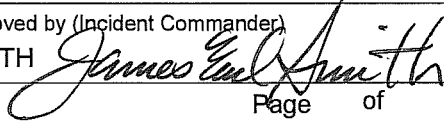
8. Attachments (mark if attached)

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> Organization List - ICS 203 | <input checked="" type="checkbox"/> Incident Map | <input checked="" type="checkbox"/> Fire Behavior Forecast |
| <input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204 | <input checked="" type="checkbox"/> Safety Message | <input checked="" type="checkbox"/> ICS 215A LCES Analysis |
| <input checked="" type="checkbox"/> Communications Plan - ICS205 | <input checked="" type="checkbox"/> Traffic Plan | <input checked="" type="checkbox"/> Finance Message |
| <input checked="" type="checkbox"/> Medical Plan - ICS 206 | <input checked="" type="checkbox"/> Base Camp Map | <input checked="" type="checkbox"/> Human Resources |
| <input checked="" type="checkbox"/> Air Operations Summary - ICS 220 | <input checked="" type="checkbox"/> Fire Weather | <input checked="" type="checkbox"/> MIST Guidelines/Foam Tracking |

9. Prepared by (Planning Section Chief)
BILL BRICKEY (t)



10. Approved by (Incident Commander)
JIM SMITH



1. Incident Name Chalk		9. Operations Section	
2. Date 10-09-08		3. Time 2200	
4. Operational Period 10-09-08 Day Shift 0600-1800/ Night Shift 1800-0600		Chief Mike Boone/ Steve Stoll (t)	
Position		Name	
5. Incident Commander and Staff		Planning Ops Scott Schuster	
Incident Commanders Jim Smith/ / Mark Nunez (t)		a. Day Branch - Division/Groups	
Deputy IC Dana D' Andrea		Branch Director	
Liason Officer Herb McElwee / Randy Graham / Warner McGrew / Craig Thomas (t)		Division/Group A/Z Peter Harris/ Matt Lipson (t)	
Law Liason Officer Greg Nordyke		Division/Group B	
Safety Officer Jeff Saley		Division/Group T Rob Hazard/ Mike Sweany (t)	
Information Officer Manny Madrigal/Helen Tabet/John Alford		Division/Group U Chris Linane	
Human Resources Gene Rose / Steve Branch (t)		Division/Group	
6. Agency Representative		Rehab Group Kenny Ellison	
Agency		Name	
Agency Administrator John Bradford		c. Night Branch - Division/Groups	
Cal Fire Rick Hutchinson		Branch Director	
Resource Advisor Jeff Kwasny		Deputy	
CHP Michael Burno		Division/Group A/B/T/U/Z	
FHL Allian Currier		Division/Group	
Big Sur Vol Frank Pinney		Division/Group	
Monterey Sheriff Kevin Oakley		Division/Group	
USFS Union Rep Robert Ethridge		Division/Group	
CalTrans Danny Millsap		d. Air Operations Branch	
7. Planning Section		Air Operations Branch Director Brad Joos	
Chief Jeff Jones/ Ann Marx		Air Attack Supervisor Kent Haskins	
Deputy Bill Brickey (t) / Robert Kovach (t)		Air Support Supervisor Al Driesbach/ Celine Moomey (t)	
Resources Unit Ken Bates / Mark Cole/Robert Ashby(t)/ Al Yanagisawa / Pat Caprioli		Helicopter Coordinator	
Situation Unit Mike Held / John Germanetti		Air Tanker Coordinator	
Documentation Unit Hal Nolen/ John Lutzow(t)		Helicopter Base Manager Steve Silva / Brian Sexton (t)	
Demobilization Unit Neil Bullock/ Anthony Stornetta(t)		10. Finance Section	
GISS Jason Van Warmerdam		Chief Judy Reynolds	
Training Specialist Doug Dickson		Deputy	
Computer Specialist Jordan Reynolds		Time Unit Elaine Hansen	
Weather Jim Wallman/ Lisa Kriederman (t)		Procurement Unit	
Fire Behavior Graig Carter/ Rich Gonzales(t)		Compensation/Claims Unit Patty Locke	
8. Logistics Section		Cost Unit Keith Fletcher (t)	
Chief Jamie Copple		Equipment Time Shawn Hukan	
Deputy Tom Crakes (t)			
Supply Unit John Brodbeck / Daron Mafi			
Facilities Unit Kerry Kellogg / Mel Sanchez			
Ground Support Unit Mike Nelson			
Communications Unit Rick Smith		Prepared by (Resource Unit Leader) Mark Cole	
Medical Unit Jan Purkett / Joe Tieso			
Security Manager Chuck Jones			
Food Unit Sharon Nordyke/ Kerry Kellogg (t)			

Fire Weather Forecast

FORECAST NO: 21

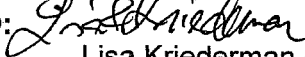
NAME OF FIRE: Chalk

PREDICTION FOR: Friday

SHIFT Day/Night

UNIT: CA-LPF

SHIFT DATE: 10/10/08 0600-1800

SIGNED: 

Lisa Kriederman (T)

Jim Wallmann

Incident Meteorologist

TIME AND DATE

FORECAST ISSUED: 2100 10/9/08

...Red Flag Warning in effect until 1800 Saturday for Strong Winds...

WEATHER DISCUSSION: Stronger gusty winds are expected today as a dry cold front and shortwave passes over the area. Expect the strongest winds during the event along the ridges and along the coast. Valleys should mainly see gusty and erratic eddies due to the steepness of the terrain. Temperatures are expected to be about 10 degrees cooler over the fire than yesterday with increasing RH levels through the day. Winds will begin to decrease on Saturday and turn northeasterly...prompting a warming and drying trend again expected to last through Sunday.

WEATHER FORECAST:

WEATHER: Mostly Sunny.

TEMPERATURES: MAX 55-65.

HUMIDITY: MIN 18-25% in the morning...increasing to 30-40% after 1200.

EYE LEVEL WINDS:

SLOPE (1500-3000 feet) - Erratic 4-9 mph increasing to 8-13 mph after 1400.

RIDGETOP (3000 feet and above) - North-northwest 5-10 with gusts to 20 mph. Becoming North 10-20 with gusts to 30 mph after 1400.

LAL: 1

CWR: 0%

MARINE LAYER: None.

HAINES INDEX (mid level): 5

36 HOUR OUTLOOK (Temps/RH overnight is for areas above 2000 ft):

FRIDAY NIGHT 10/7-8

WEATHER: Clear.

TEMP: Min: 40-50 RH: 30-40%

WINDS: Slope: Erratic 6-12 mph
Ridge: North 10-20 mph, gusts to 30 mph.

LAL: 1 **CWR:** 0%

MARINE LAYER: None.

SATURDAY 10/8

WEATHER: Sunny.

TEMP: Max: 58-66 RH: 18-25%

WINDS: Slope: Erratic 4-8 mph.
Ridge: N-Northeast 10-15 gusts 20 mph

LAL: 1 **CWR:** 0%

MARINE LAYER: None. **Haines Index:** 5

OUTLOOK FOR SATURDAY NIGHT: Clear. Winds Northeast on ridges 5-10 mph with evening gusts to 15 mph. Temperature - MIN 43-50. RH 15-20%. No marine layer is expected.

OBSERVED WEATHER 10/8/08:

Div AZ (NW aspect - 3100 ft): Temp: 73. RH: 16%. Winds N 4 mph, gusts to 8 mph.

Highlands Peak (5 NW Div Z - 2490ft): Temp: 74. RH: 10%. Winds NW 10 gusts to 20 mph.

Div U (East aspect - 3200 ft): - Temp: 72. RH: 18%. Winds NE 6-8 gusts 10 mph.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 21 10-10-08 Day/Night Shift

TYPE OF FIRE: Wildland Vegetation

FIRE NAME: Chalk

OPERATIONAL PERIOD: Day/Night

DATE ISSUED: 10-09-08

TIME ISSUED: 20:00 hrs

UNIT: CA-LFP

SIGNED: *Craig Carter* FBAN *Craig Carter*

WEATHER SUMMARY

*****RED FLAG WARNING FOR DRY, GUSTY NORTHERLY WINDS CONTINUES*****

Temperatures cooling with increased winds and drying conditions. Dry, North winds will continue into tomorrow. Temperatures down, RH values up, and wind speed up over yesterday.

Mid-Level Haines is 5 today and LAL's of 1.

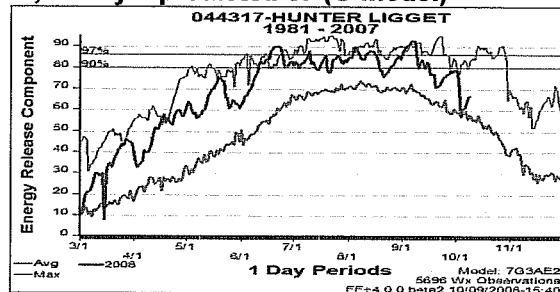
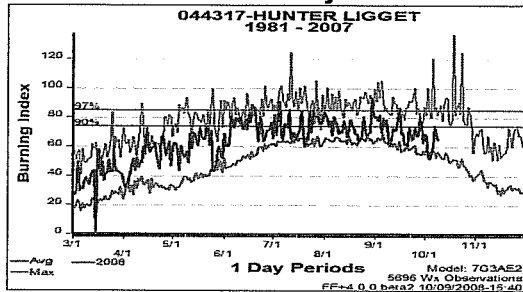
*****See attached spot weather forecast number 21 for specifics*****

FIRE BEHAVIOR

GENERAL: Expect increased fire activity with the potential for increased fire behavior and perimeter growth due to changing weather. Fire suppression efforts may mitigate this.

Thursday's observed BI: 65, Friday's predicted 69 (G model)

Thursday's observed ERC: 68, Friday's predicted 67 (G model)



Expect an increase in fire growth potential due to lowering RH values and increasing North wind speeds.

Topography is extremely steep terrain at sea level to 3800 ft elevation. Mill Creek drainage generally oriented west to east with a dogleg to the south. The main coastal ridge runs northwest to southeast. The Naciminto drainage runs to the east on the inland side of the ridge. Both Hare Canyon the upper San Antonio River canyon are oriented Southwest. Watch for wind alignment with the drainages. The upper 2/3 of the slope will be affected by the increasing winds. Residual holdover fire will increase in activity. Expect mid to long range spotting potential. Continued suppression activity will limit fire spread.

Ignition Component: 92%.

SPECIFIC:

Any spread will come from a single point flare up along or near the black. Rollouts and wind spotting can be the most significant factors now. Smoldering lingers in all divisions. Under peak conditions, expect the following:

FM 1 (Grass): ROS >200 ch/hr, FL 5-8 ft.

FM 4 (Brush): ROS >300-400 ch/hr, FL 40-50 ft.

FM 9 (Hardwood forest): ROS > 50 ch/hr, FL 8-10 ft.

Div A, B, T, U: FM 4 and 9 (Brush and Timber Litter)

Div Z: FM 1, 4 and 9 (Grass, Brush, and Timber Litter)

AIR OPERATIONS:

Sunrise 07:07 Sunset 18:34 (King City. 11 hours and 27 minutes, a -2 minute change from yesterday)

SAFETY

*****RED FLAG WARNING! WEATHER CONDITIONS HAVE CHANGED*****

Expect an elevated threat in the fire weather environment. Do not violate LCES

Division Assignment List

1. Branch

DAY

2. Division/Group

REHAB GROUP PG 1

3. Incident Name

CHALK

4. Operational Period

10/10/08 Friday Day Shift 0600 - 1800

5.

Operations Personnel

Operations Chief	MIKE BOONE	Division/Group	KENNETH ELLISON
Operations Chief	STEVE STOLL (T)	Air Attack Supervisor	KENT HASKINS
Branch Director		Safety Officer	JEFF SALEY

6

Resources Assigned this Period

Strike Team/Task Force/ Resource Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time
CRW1 (C52) SQF BRECKENRIDGE	ADAM SANDERS	20	N	ICP 0600	ICP 1800
CRW1 (C-53) MDF MODOC IHC	TERRY WARLICK	18	N	ICP 0600	ICP 1800
CRW2 (C-46) SQF COBRAS 1	GUADALUPE TORRES	20	N	ICP 0600	ICP 1800
DOZR2 LPF CACHAGUA 7755	TIM COASTER	1	N	ICP 0600	ICP 1800
DOZR (E-21) CACHAGUA 7756	TERRY BISHOP	1	N	ICP 0600	ICP 1800
WT2 PVT D&L E-9	DOUGLAS BROSSARD	2	N	ICP 0600	ICP 1800
WT 2 KRITZ E-150	BRIAN DAVIS	1	N	ICP 0600	ICP 1800
CHIPPER	FRED MONTEZ	1	N	ICP 0600	ICP 1800
EXCAVATOR E-224	JONATHON ZAVALA	1	N	ICP 0600	ICP 1800
EXCAVATOR E-225	DOUG MOORE	1	N	ICP 0600	ICP 1800
EXCAVATOR E-226	JOHN MCFEELY	1	N	ICP 0600	ICP 1800
EXCAVATOR E-227	MIKE ALAMILLO	1	N	ICP 0600	ICP 1800
DOZB	SHANE MINOR	1	N	ICP 0600	ICP 1800
DOZB	ALEX IHLE (T)	1	N	ICP 0600	ICP 1800
DOZB	ANTHONY BURROWS	1	N	ICP 0600	ICP 1800
FALC	CRAIG MARTIN	1	N	ICP 0600	ICP 1800
FELB	RAY CECIL	2	N	ICP 0600	ICP 1800
FEMT	SHAWN ALLOIS	1	N	ICP 0600	ICP 1800
FEMT	DAVE C BENSON	1	N	ICP 0600	ICP 1800
EMTB	MARTIN SILVA	1	N	ICP 0600	ICP 1800

7. Control Operations

1. Conduct Re-Hab per attached plan.
2. Backhaul equipment and trash.
3. Insertion of 1 squad from Modoc into Helispot 3. Patrol, mop up and hold existing line.

8. Special Instructions

1. Report any applications of retardent, foam, or wetting agents within 300' of waterways or other bodies of water to Resource Advisor.
2. For unplanned dozer work, please contact a READ before commencing.
3. Avoid ground disturbance of archaeological resource areas marked with red/white, and blue flagging.

9

Division/Group Communications Summary

Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	168.1000N	170.4500N	110.9	King	1	NIFC	CMD 2
Tactical	168.2500N	168.2500N	0.0	King	10	NIFC	TAC 7
Logistics							
Air to Ground	168.0125N	168.0125N		King	13		

Prepared by (Resource Unit Leader) Mark Cole	Approved by (Planning Section Chief) Bill Brickey (t)	Date Prepared 10/09/08	Time Prepared 1320
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Chalk Fire

NIGHT OPERATIONS



Photo Courtesy of Communications Unit

10/10/08-10/11/08

1800-0600

AIR OPERATIONS SUMMARY

START: 0700 END: 1900

OPERATIONAL PERIOD DATE: DAY SHIFT DATE: 10/10/08

(Expanded Form for Large Operations)

1. INCIDENT NAME: Chalk	2. PREPARED BY: Brad Joos	PREPARED DATE/TIME: 10/9/08 2200	3.
4. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): Report in to Fort Hunter Liggett on 126.200 to Tusi advisory (Range Control)			
LIVE MUNITION FIRING on FHL Military Base 10-8-08 to 10-30-08 (24 hr/7 day). Enter and Exit Tusi Helibase from the west along coast to the fire perimeter, then proceed east to Tusi Helibase			
*****When demobing from fire along coast line, follow proper altitude above wildlife areas. *****			
Tusi Helibase: Lat 35 59.618 Long 121 14.134 Tusi FAX # 831-385-3510 (IAP & maps posted on ftp.nifc.gov) Be alert for powerlines that are present on the FHL Base near Tusi and crossing throughout the field of operations and near some ponds. ((DEMOMB - Excess Water tenders, toilets))			

5. TFR: Radius: 7NM
Altitude: 9000' MSL

Centerpoint: Lat: 35° 59' 28"
Long: 121° 25' 47"

FHL Crash Rescue rig, toilets, wash basins, water tenders, Roll-off dumpster, and Ops Trailer at Tusi,

6. PERSONNEL		Phone	7. FREQUENCIES		AM	FM	8. FIXED-WING # Avail / Type/ Make-Model / FAA N# / Base(s)	
AODB: Brad Joos Deputy AODB:		805 886-6970	AIR/AIR FW:	118.950		172.6750	Air Tactical	AA-07
ATGS: Kent Haskins ATGS: Pat Smiley		661-330-5048	AIR/AIR RW:	130.200				AA-15
HLCO:			AIR/GROUND:			168.0125	Leadplanes	
ASGS: Al Driesbach		805-479-1837	DECK:			163.100		
Tusi HEBM: Shawn Walters Trainee HEBM: Brian Sexton		559-359-2478 805-350-3717	COMMAND RPT			RX168.1000 TX170.4500 Tone (110.9)	Airtankers	
HEBM Torch Base:			Air Guard			168.625		
							Other :	Medivacs (SBC H-309,CHP H-70 or CalStar)

9. HELICOPTERS (Use Additional Sheets As Necessary)

FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS
9121Z	2	B-212HP	Tusi	0700	0730	Ocean & Fresh H2O							
H-522	2					Demob							
H-525	3	A-Star	Tusi	0700	0730	Demob @ End of Shf							
H-510	2	B-212	Tusi	0700	0730	Demob @ Ed of Shft	202WM	1	K-Max	Tusi	0700	0730	Ocean& FreshH2O
22EA	3	206 B3	Tusi	0700	0730	IR Mapping	9RH	1	K-Max	Tusi	0700	0730	Ocean& FreshH2O

10. TASK/MISSION/ASSIGNMENT (Use ICS-220a if additional space needed; Type/Function includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, etc.)

TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (if applicable) OR INSTRUCTIONS FOR TACTICAL AIRCRAFT	MISSION START	FLY FROM	FLY TO
Air Tactical	Direct A/C operations, coordinate with Ops.			
Bucket support	HELICOPTERS. SUPPORT CREWS ON THE LINE. (All dip sites need to have a dip site mgr. present during ops) WHEN DIPPING OUT OF OCEAN, GO BEYOND KELP BEDS DUE TO OTTERS.	As requested		All Divs
Cargo	(Drinking water, have available for crews on line. Slings loads.) ****Avoid making cargo loads in Starthistle that is located at Tusi Helibase.	As requested		
Medevac	Paramedic @ Tusi HB will be sent on 1 st available ship :Helo - 9121Z (See Medical Plan for specifics)			
Recon/IR ship	IC & OSC as requested, FBAN, Situation UL			
Helispot Construction	All helispots in wilderness, need to be approved in conjunction with Res. Advisor and Air Ops. Once helispot established/approved/numbered, notify Air Ops with Lat Long .	**		
Helitack	When on fireline, be sure to follow LCES, 10s and 18s. Use Lookouts and Trigger Points.			
Troop Shuttles	1 st . Fly Springville IHC to H-7, then fly them back to Tusi at end of shift. (Let AOBD know if H-510 is needed) 2 nd . Fly a squad from Modoc IHC to H-3. They will walk out at end of shift.	0730	Tusi	H-7 and H-3
Communications	Be prepared to assist in servicing and removal of radio equipment ((H-525 fly radio techs to repeaters prior to demob))	a.m.		

11. Helispot, Dip Site Portable Retardant Base and Sling Spot Information-

HELI - SPOTS #	DIP SITES	SLING SPOT #	DIVISION	LATITUDE	LONGITUDE	REMARKS
#1				36° 01.763	121° 24.786	Div A 3200 Type 2 HOGE
#2				36° 01.465	121° 23.894	Div A 2500 Type 2 HOGE
#3				36° 02.642	121° 30.695	Div Z 2700 Type 2 HOGE
#4				36° 01.853	121° 30.983	Div Z 2300 Type 2 HOGE
#5				36° 02.424	121° 27.052	Div A
#6				36° 02.183	121° 26.583	Div A 2800 Type 2 HOGE
#7				36° 00.960	121° 29.060	Div Z 3100 Type 2 HOGE
#8				35° 59.031	121° 24.835	Div T 2900 Type 2 HOGE
#9				35° 58.706	121° 24.691	Div T Type 2 HOGE
#10				36° 00.731	121° 30.565	Div Z 1500 Type 2 HOGE
Torch B	Coleman			36° 04.956	121° 17.025	Avoid flying over camp
	Merle Rch			35° 57.851	121° 17.89	
				36° 04.17	121° 23.30	backup to Coleman

Incident: Chalk Fire

Date: October 10, 2008 Day/Night

Safety Message

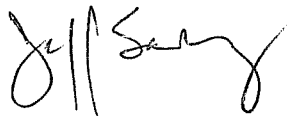
Safety Quote for the Day:

Trust safety, not luck (luck makes you dumb).

- **No more one way traffic plan but please keep max speeds to 35**
- **Poison oak will always be there**
- **Extreme slopes are with you until it's over**
- **Tree hazards exist throughout the fire area**

EVERYONE PRACTICE GOOD SITUATIONAL AWARENESS

Safety Officer: *Jeff Saley*



LCES Analysis of Tactical Actions

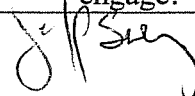
Incident: Chalk

Date: 10/09/08

Shift: Day/Night

LOCATION

Tactical Hazards	Div A/Z	Div	Div T	Div U	Div	Rehab			LCES MITIGATIONS
Indirect Fireline									LCES
Downhill Fireline	X		X						Small sections. DH mitigations
Underslung Fireline	X		X						LCES. Trench.
Mid-slope Fireline	X		X						Small segments. Scout. LCES
Anchor Points									Reestablish to new footprint
Extreme Weather									
Unburned Areas	X		X	X		X			Predominant throughout. LCES
Extremely Steep Terrain	X		X	X					Scout in daylight. Spacing.
Snags (Sudden Oak Death)	X		X	X		X			Look up, down, around. Scout.
1+Hour Transportation	X		X	X		X			Speed down. Focus on driving
Poor Communications									Assure current clone. Clear, concise directions to air.
Roads/Traffic Problems/ Very Steep	X		X	X		X			Traffic Plan. Drive slow w/ headlights.
Heavy Equipment									Yield right of way. Comm. w/ dozer boss
Medical Evac. Times	X		X	X		X			Hoist still needed
Air Operations Multi-Aircraft	X		X	X					Concise directions to air
Poison Oak	X		X	X		X			Swap or clean PPE whenever possible
Problem Safety Zones									Identify adequate zones before engaging or don't engage!



INCIDENT RADIO COMMUNICATIONS PLAN		Incident Name		CHALK		Date/Time Prepared	Operational Period Date/Time		
						10/09/08 2000hrs.	10/10/08 DAY 0600-1800hrs. 10/10-11/08 NIGHT 1800-0600 hrs.		
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	COMMAND		ALL DIVISIONS	168.1000 N	0.0	170.4500 N	110.9	A	NIFC CMD 2 LINKED TO CMD 6 AND CMD 9
2				170.0125 N	0.0	165.2500 N	110.9	A	NIFC CMD 9 LINKED TO CMD 2 AND CMD 6
3				168.4750 N	0.0	173.81250 N	110.9	A	NIFC CMD 6 LINKED TO CMD 2 AND CMD 9
4	TACTICAL		DIVISION A/Z	168.0500 N	0.0	168.0500 N	0.0	A	NIFC TAC 1
5	TACTICAL		UNASSIGNED	168.2000 N	0.0	168.2000 N	0.0	A	NIFC TAC 2
6	TACTICAL		DIVISION T	168.6000 N	0.0	168.6000 N	0.0	A	NIFC TAC 3
7	TACTICAL		DIVISION U	164.1375 N	0.0	164.1375 N	0.0	A	NIFC TAC 4
8	TACTICAL		UNASSIGNED	166.7250 N	0.0	166.7250 N	0.0	A	NIFC TAC 5
9	TACTICAL		UNASSIGNED	166.7750 N	0.0	166.7750 N	0.0	A	NIFC TAC 6
10	TACTICAL		REHAB GRP	168.2500 N	0.0	168.2500 N	0.0	A	NIFC TAC 7
11	TACTICAL		UNASSIGNED	173.9125 N	0.0	173.9125 N	0.0	A	R5 TAC 4
12	BACKUP COMMAND		ALL DIVISIONS	170.5500 N	0.0	169.9000 N	103.5	A	LPFN CONE PK. TONE 8
13	AIR/GROUND		ALL DIVISIONS	168.0125 N	0.0	168.0125 N	0.0	A	
14/16	AIR GUARD		ALL DIVISIONS	168.6250 N	0.0	168.6250 N	110.9	A	AIR EMERGENCIES ONLY

5. Prepared by (Communications Unit)
Rick Smith COML



Incident Location
County
W

State
Latitude
Longitude

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)

CHALK FIRE EMERGENCY PHONE LIST

Incident Commander & Staff			
Incident Commander	Jim Smith	805-878-4752	866-534-9676/866-534-8967
Safety	Jeff Saley	805-866-2624	866-534-8968
Information	Manny Madrigal	805-550-6905	866-534-5249/866-534-8865
Operations			
Operations	Mike Sandwick/ Mike Boone	805-377-0498/805-596-1698	
Planning Operations	Scott Schuster	805-766-7458	
Air Opts.	Brad Joos	805-866-6970	
Helibase	Steve Silva	559-359-2478	
Planning			
Plans	Bill Brickey	949-614-6133	866-534-7977
Situation Unit	Mike Held/John Germanetti	805-291-2617/714-403-3166	866-568-2542/866-598-4142
Ground Support	Mike Nelson	805-698-9395	
Demob	Neil Bullock	661-342-1442	
Weather	Jim Wallman	240-778-5299	866-534-5188
Logistics			
Logistics Chief	Jamie Copple	805-455-5923	866-534-9680
Communications	Rick Smith	805-714-8875	866-534-9636/866-534-8972
Medical	Jan Purkett/Joe Tieso	805-896-6332/805-705-3358	866-534-9648
Security	Greg Nurdyke	928-308-8764	866-534-4720
Finance			
Finance Section Chief	Judy Reynolds	805-559-3840	866-534-9639
Other Important Numbers			
CHP Dispatch			831-769-8899
Hunter Leggett Dispatch			831-386-2526/831-386-2513
USFS Law Enforcement			805-938-9142 xt. 0

<< For changes, please stop by the Communications Unit >>

MEDICAL PLAN 206	1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED	4. OPERATIONAL PERIOD DATE / TIME						
	Chalk	10/9/08	1900	10/10-10/11/08 DAY/NIGHT 0600-0600						
5. INCIDENT MEDICAL AID STATIONS										
MEDICAL AID STATIONS			LOCATION			PARAMEDICS				
						YES	NO			
Medical Unit			Base Camp			<input checked="" type="checkbox"/>				
FEMT			As Assigned per Division				<input checked="" type="checkbox"/>			
Squad-1			DP-3 Hwy 1 @ Nac. Ferg. Rd			<input checked="" type="checkbox"/>				
6. AMBULANCE SERVICES										
NAME		ADDRESS		PHONE		PARAMEDICS				
						YES	NO			
SLO Fire Ambulance Squad-1		DP-3 Hwy 1 @ Nac.Ferg Rd				<input checked="" type="checkbox"/>				
Life Line Ambulance M-502		ICP – Medical Unit		805-746-3473		<input checked="" type="checkbox"/>				
Cal Star Helicopter/No hoist		Santa Maria/Salinas/Gilroy		831-769-8899 CDF Dispatch		<input checked="" type="checkbox"/>				
CHP Helicopter H-70 Hoist (unavailable after 23:30)		Paso Robles		831-769-8899 CDF Dispatch		<input checked="" type="checkbox"/>				
SBC Helicopter 308 Hoist/Night Vision/Paramedic (available from SBC Helibase for single mission requests)		Santa Ynez Airport		805-692-5723 SBC Dispatch		<input checked="" type="checkbox"/>				
7. HOSPITALS										
NAME	ADDRESS		TRAVEL TIME		PHONE		HELIPAD		BURN CENTER	
			AIR	GROUND			YES	NO	YES	NO
Mee Memorial Lat: 36°12'30" Long: 121°07'50"	300 Canal St. King City, CA		8 min	35 min	831-385-7220		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
Twin Cities Lat: 35°-33'-20" Long: 121°-07'-50"	1100 Las Tablas Templeton, CA		16 min	1 hr.-15 min.	805-434-4553		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
Valley Medical Lat: 37°18'51" Long: 121°56'03"	751 S. Bascom Ave. San Jose, CA		40 min	N/A	408-885-6912		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
8. MEDICAL EMERGENCY PROCEDURES										

LINE EMERGENCY:

Crew Supervisor to contact Division Supervisor with patient complaint/condition and location.

- Division Supervisor contacts:
 1. Line EMT
 2. Communications Unit
- Communications Unit contacts:
 1. Medical Unit
 2. Operations
 3. Safety
- *Division Supervisor will run medical emergency on command channel*
- Communication Unit will clear command channel for emergency traffic
- Medical Unit will:
 1. Dispatch ground ambulance to nearest drop-point for ground transport only.
 2. Or after patient pickup, dispatch ambulance to Heli-base for Medical AIR EVAC Flight if needed
 3. Notify receiving hospital of injury status.

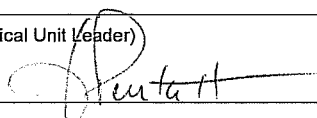
CAMP EMERGENCY:

Contact Medical Unit with patient complaint/condition and location. Medical Staff will respond to stabilize incident:

- Medical Unit contacts Communications, Safety and Operations

Prepared by (Medical Unit Leader)

Jan Purkett



10. Reviewed by (Safety Officer)

Jeff Saley

FINANCE MESSAGE OF THE DAY

The shift tickets below are examples of how Government Officers should fill them out. Please make sure that the Government Officer Signature block has a printed name and readable signature.

EMERGENCY EQUIPMENT SHIFT TICKET					
NOTE: The responsible Government Officer will update this form each day or shift and make initial and final equipment inspections.					
1. AGREEMENT NUMBER 55-91S8-2-1234			2. CONTRACTOR (name) Acme Trucking		
3. INCIDENT OR PROJECT NAME Silver Creek		4. INCIDENT NUMBER CA-KNF-123		5. OPERATOR (name) Ray Ban	
6. EQUIPMENT MAKE Freightliner		7. EQUIPMENT MODEL F4699 - Transport		8. OPERATOR FURNISHED BY <input checked="" type="checkbox"/> CONTRACTOR <input type="checkbox"/> GOVERNMENT	
9. SERIAL NUMBER CA413BD0865356		10. LICENSE NUMBER A99998B		11. OPERATING SUPPLIES FURNISHED BY <input checked="" type="checkbox"/> CONTRACTOR (wet) <input type="checkbox"/> GOVERNMENT (dry)	
12. DATE MO/DAY/YR		13. EQUIPMENT USE HOURS/DAYS/MILES (circle one)		14. REMARKS (released, down time and cause, problems, etc.)	
10/5/08		START STOP WORK SPECIAL 0630 2000 1		Assigned to Division A. <u>Transports are released unless directed to stay in writing. One acceptable way to capture this is on the JAP or a General Message ICS 213 in file.</u>	
				15. EQUIPMENT STATUS <input checked="" type="checkbox"/> a. Inspected and under agreement <input type="checkbox"/> b. Released by Government <input type="checkbox"/> c. Withdrawn by Contractor	
				16. INVOICE POSTED BY (Recorder's Initials)	
17. CONTRACTOR'S OR AUTHORIZED AGENT'S SIGNATURE <i>Ray Ban</i>			18. GOVERNMENT OFFICER'S SIGNATURE <i>John Doe, Equip. Manager (Print Name below signature)</i>		19. DATE SIGNED 10/5/08

EMERGENCY EQUIPMENT SHIFT TICKET					
NOTE: The responsible Government Officer will update this form each day or shift and make initial and final equipment inspections.					
1. AGREEMENT NUMBER 55-91S8-2-1234			2. CONTRACTOR (name) Smokey Bear Logging		
3. INCIDENT OR PROJECT NAME Silver Creek		4. INCIDENT NUMBER CA-KNF-123		5. OPERATOR (name) Smokey T. Bear	
6. EQUIPMENT MAKE Cat. Dozer		7. EQUIPMENT MODEL D5H		8. OPERATOR FURNISHED BY <input checked="" type="checkbox"/> CONTRACTOR <input type="checkbox"/> GOVERNMENT	
9. SERIAL NUMBER D5H45897		10. LICENSE NUMBER N/A		11. OPERATING SUPPLIES FURNISHED BY <input checked="" type="checkbox"/> CONTRACTOR (wet) <input type="checkbox"/> GOVERNMENT (dry)	
12. DATE MO/DAY/YR		13. EQUIPMENT USE HOURS/DAYS/MILES (circle one)		14. REMARKS (released, down time and cause, problems, etc.)	
10/5/08		START STOP WORK SPECIAL 0630 1830		Dozer was broken down from 1300 to 1430. <u>Dozers are paid daily rates. We prefer actual hours worked on shift ticket.</u>	
				15. EQUIPMENT STATUS <input checked="" type="checkbox"/> a. Inspected and under agreement <input type="checkbox"/> b. Released by Government <input type="checkbox"/> c. Withdrawn by Contractor	
				16. INVOICE POSTED BY (Recorder's Initials)	
17. CONTRACTOR'S OR AUTHORIZED AGENT'S SIGNATURE <i>Smokey T. Bear</i>			18. GOVERNMENT OFFICER'S SIGNATURE <i>John Doe, Div. Sup. (Print Name below signature)</i>		19. DATE SIGNED 10/5/08

If equipment paid on a daily rate breaks down, an hourly rate will be determined by dividing that daily rate by the shift length. The hourly rate will be paid for those hours of actual work time.

CHALK FIRE SUPPRESSION REHABILITATION/REPAIR

REHABILITATION OBJECTIVES

1. Minimize surface and gully erosion
2. Expedite regrowth of vegetative cover
3. Minimize visual impacts

General:

- Pick up and remove all garbage.
- Report any damages or needs to the ICP, Resource Advisor.
- Repair fences damaged resulting from fire suppression activities, identify locations to Plans Section.

Trail Rehabilitation

- Remove cut vegetation, rocks, trees, and soil from trail.
- Where trees or shrubs were felled, cut stumps flush with ground and scatter limbs.
- Re-establish minimum 24" tread and repair cross drains where segments of trail have been affected by suppression activities.
- To keep hikers off firelines, use native materials to construct barriers across fireline where it intersects with recreation trails.
- Knock down berms where created and pull back over trail.

Helispots, Drop Points

- Replace native material (soil & duff)
- Pull back brush, berms, rocks, and spread over width of helispot/drop point.
- Pick up and remove all flagging, garbage, litter, and equipment

Hand Lines

- Move displaced native material (soil & duff) back onto line.
- Fill in troughs.
- Pull back brush and berms and spread over the width of break. (On sites with high potential for erosion, you may need to cut additional brush from adjacent non-impacted areas – flush cut with ground)
- Leave tops of felled trees attached, this will appear more natural.
- Cut waterbreaks diagonal to fire line, where natural drains occur and construct as natural as possible. If possible, at natural drain direct outlet of water into a clump of brush or rocks.

Dozer Lines, Safety Zones

- Use small dozer (e.g., D5) and/or excavator to rehab line.
- When line cuts through chaparral: pull back brush, berms and rocks, and spread over width of break.
- When line cuts through grassland: pull back berms and rocks, and spread over width of break.
- Back blade berms perpendicular to fire line on moderate grades (0-10%).
- Install water bars on all dozer lines over 10% slope (as per attached table) or as marked/indicated by Suppression Rehab Team member.
- Assure no water bars channel water into unstable terrain (landslides) below.
- Where grade is too steep or line too narrow for effective dozer work, water bars will be hand constructed.

CHALK FIRE SUPPRESSION REHABILITATION/REPAIR

So remember, when locating and building water bars, place them the right **distance** apart, at a **diagonal** to the fireline, so that they **divert**, then **discharge**, then **dissipate** the energy of the flowing water. Be sure to make them durable.

Fireline slope %	Maximum Distance Apart (feet)
1-6.....	300
7-9.....	200
10-14.....	150
15-20.....	90
21-40.....	50
41-60.....	25

Recommended spacing for waterbars on firelines.
Waterbars should be no further apart than this, but they may be closer. When in doubt, put in more. From: UDSA-Forest Service, "Sale Administrator's Handbook"

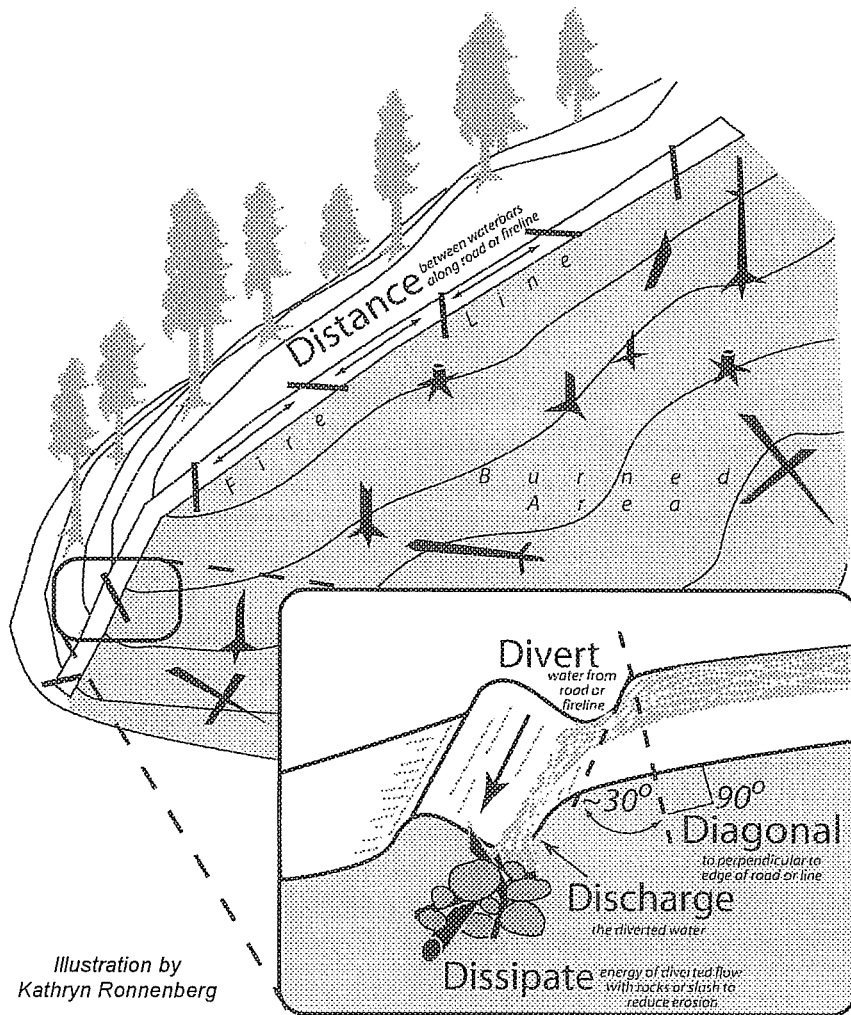


Illustration by
Kathryn Ronnenberg

Wilderness Minimum Impact Fire Suppression Guidelines
MIST
Minimum Impact Suppression Guidelines
for Forest Service Wilderness Areas

Fuel Management

Hot-line/Ground Fuels

- Allow fire to burn to natural barriers.
- Use cold-trail, wet line or combination when appropriate.
- If constructed fire line is necessary, use only width and depth to check fire spread.
- Constantly re-check cold trailed fire line.

Hot-line/Aerial Fuels

- Limb vegetation adjacent to fire line only as needed to prevent additional fire spread.
- During fire line construction, cut shrubs or small trees only when necessary. Make all cuts flush with the ground.
- Minimize felling of trees and snags unless they threaten the fire line or seriously endanger workers. In lieu of felling, identify hazard trees with a lookout or flagging.
- Scrape around tree bases near fire line if it is likely they will ignite.

Mop up/Ground Fuels

- Do minimal spading; restrict spading to hot areas near fire line.
- Cold-trail charred logs near fire line; do minimal tool scarring.
- Minimize bucking of logs near fire line or to check for hot spots; roll the logs instead if possible.
- Return logs to original position after checking and when ground is cool.
- Refrain from making bone yards; burned and partially burned fuels that were moved should be returned to a natural arrangement.
- Consider allowing large logs to burnout. Use a lever rather than bucking to manage large logs which must be extinguished.
- Use gravity socks in stream sources and/or a combination of water blivits and fold-a-tanks to minimize impacts to streams.
- Consider using infrared detection devices along perimeter to reduce risk.

Mop up/Aerial Fuels

- Remove or limb only those fuels which if ignited have potential to spread fire outside the fire line.
- Before felling consider allowing ignited tree/snag to burn itself out. Ensure adequate safety measures are communicated if this option is chosen.
- Identify hazard trees with a lookout or flagging.
- Align saw cuts to minimize visual impacts from more heavily traveled corridors. Slope cut away from line of sight where possible.

Logistics

Campsite Considerations

- Locate facilities outside of wilderness whenever possible.
- Coordinate with the Resource Advisor in choosing a site with most reasonable qualities of resource protection and safety concerns.

- Evaluate short-term low impact camps such as cyote or spike versus use of longer-term higher impact camps.
- New site locations should be on impact resistant and naturally draining areas such as rocky or sandy soils, or openings.
- Avoid camps in meadows, along streams or on lakeshores. Locate at least 200 feet from lakes, streams, trails, or other sensitive areas.
- Consider impacts on both present and future users. An agency commitment to wilderness values will promote those values to the public.
- Lay out the camp components carefully from the start. Define cooking, sleeping, latrine, and water supply.
- Minimize the number of trails and ensure adequate marking.
- In NFS wilderness use brief relief portable toilet system.
- Do not use nails in trees.
- Constantly evaluate the impacts which will occur, both short and long term.

Aviation Management

One of the goals of wilderness managers is to minimize the disturbance caused by air operations during an incident.

Aviation use Guidelines

- Maximize back haul flights as much as possible.
- Use long line remote hook in lieu of constructed helispots for delivery or retrieval of supplies and gear. (Promote the use of llamas.)
- Take precautions to insure noxious weeds are not inadvertently spread through the deployment of cargo nets and other external loads.
- Use natural openings for helispots and paracargo landing zones as far as practical. If construction is necessary, avoid high visitor use areas.
- Consider maintenance of existing helispots over creating new sites.
- Obtain specific instructions for appropriate helispot construction prior to the commencement of any ground work.
- Consider directional falling of trees and snags so they will be in a natural appearing arrangement.
- Buck and limb only what is necessary to achieve safe/practical operating space in and around the landing pad area.

Hazardous Materials

Flammable/Combustible Liquids

- Store and dispense aircraft and equipment fuels in accordance with National Fire Protection Association (NFPA) and Health and Safety Handbook requirements.
- Avoid spilling or leakage of oil or fuel, from sources such as portable pumps, into water sources or soils.
- Store any liquid petroleum gas (propane) downhill and downwind from fire camps and away from ignition sources.

Flammable Solids

- Pick up residual fuses debris from the fire line and dispose of properly.

Fire Retardant/Foaming Agents

- Do not drop retardant or other suppressants near surface waters.
- Use caution when operating pumps or engines with foaming agents to avoid contamination of water sources.

Retardant and Foam Information Tracking Form

Use this form to record your observations of retardant or foam that lands within 300 feet of any water bodies. Water bodies include all wet areas (streams, ponds, seeps). Return all Information and this form to the Resource Advisor.

Incident Name:

Name of observer and position:

Date of delivery or discovery:

Location (Name of water body, division, landmark, GPS if possible):

Retardant / Foam present / Gel (water enhancer)? (circle one)

Note kind of material, if known:

Type of delivery: Air / Ground (circle one)

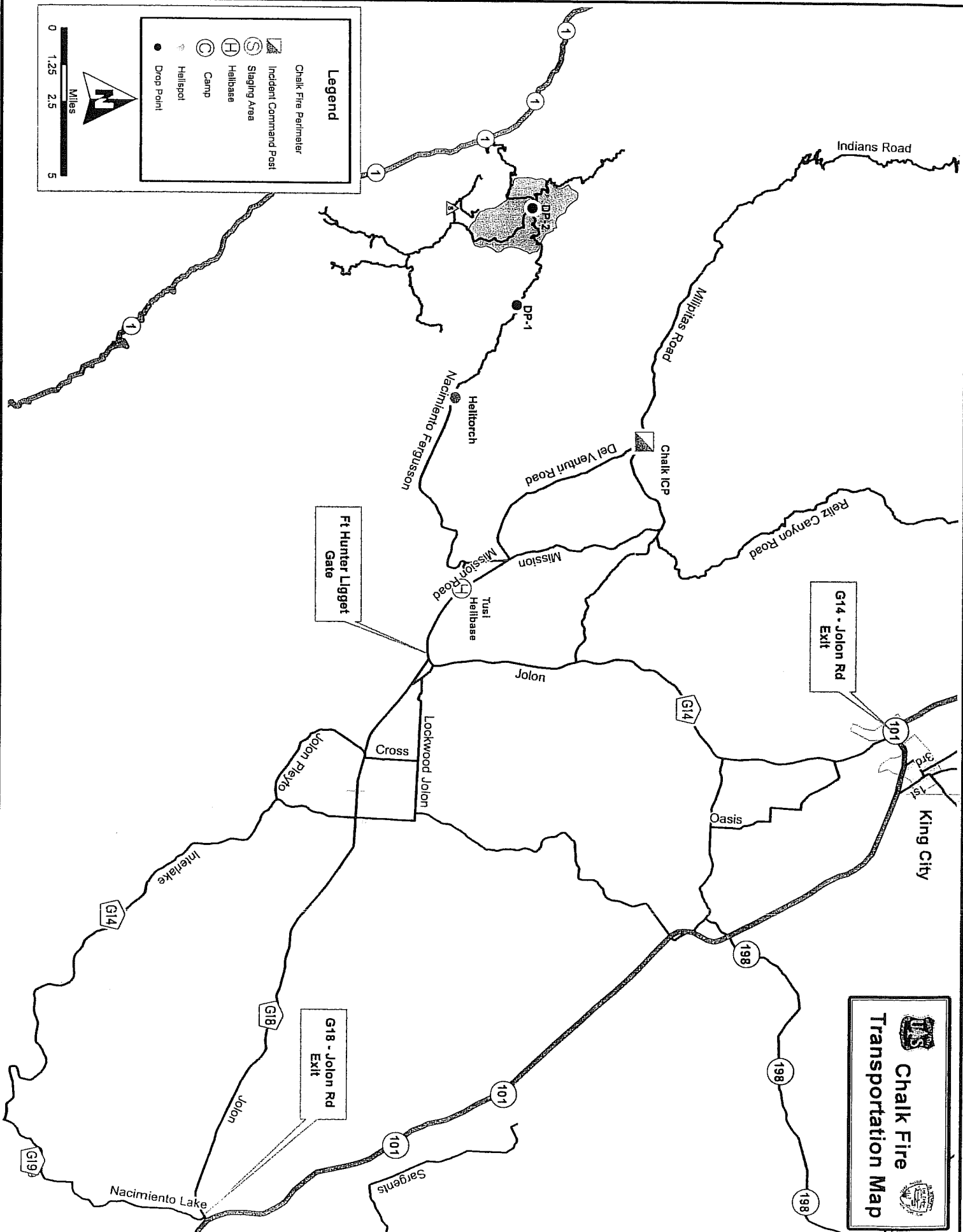
Estimated amount (gallons)?

Chalk Fire
Transportation Map

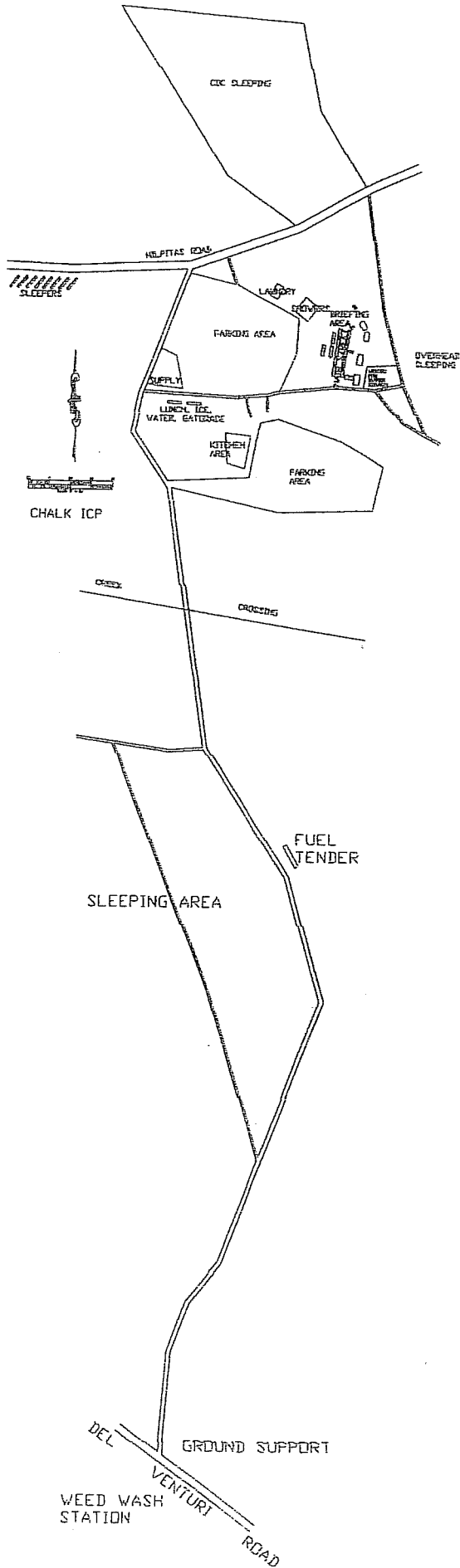
Legend

- Chalk Fire Perimeter
- Incident Command Post
- Staging Area
- Helibase
- Camp
- Helispot
- Drop Point

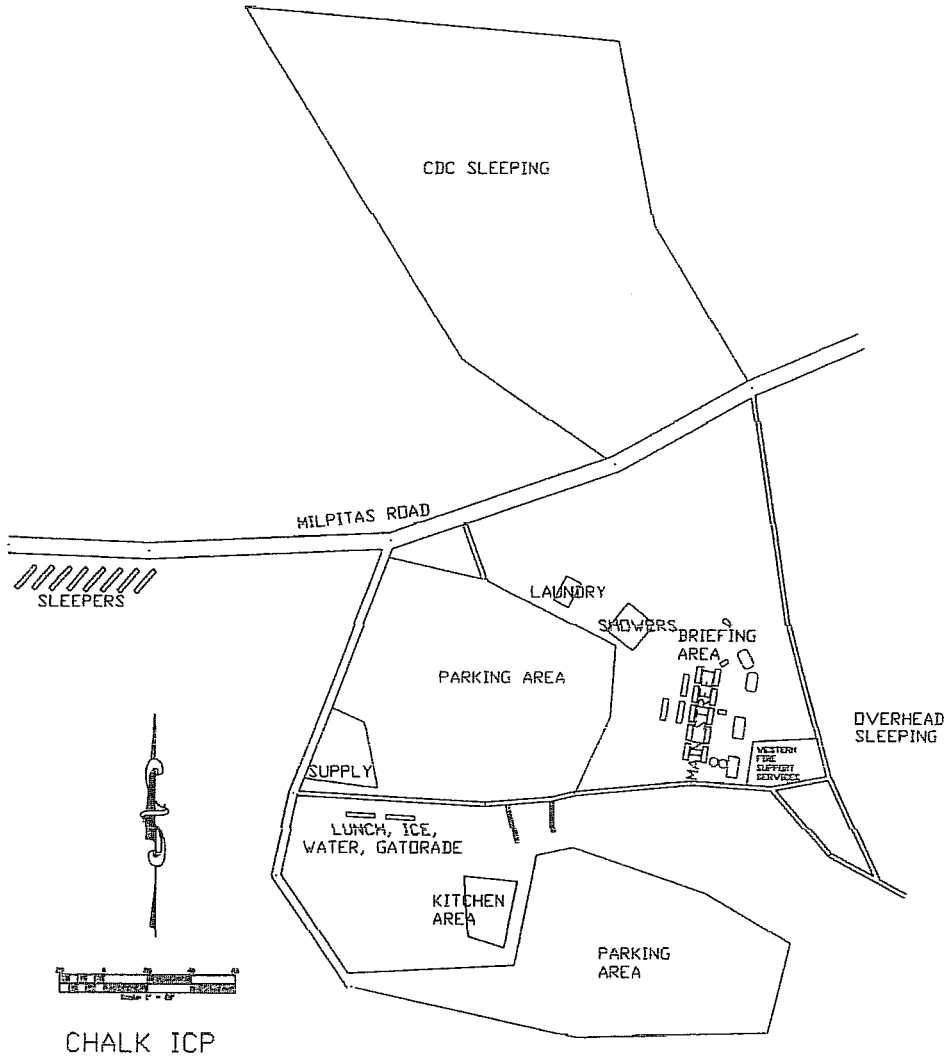
Miles
 0 1.25 2.5 5

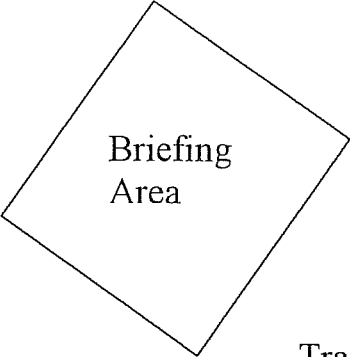


BASE CAMP
CHALK ICP
10/1/2008



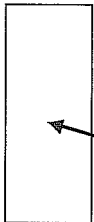
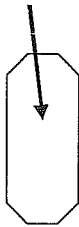
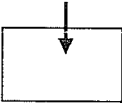
BASE CAMP CHALK ICP 10/1/2008



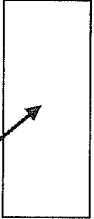


Training Specialist

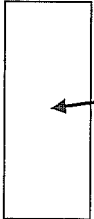
Situation Unit



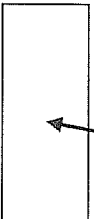
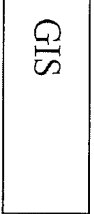
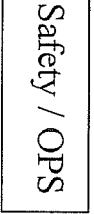
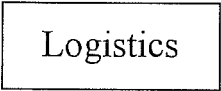
Resource Advisor Forest Admin



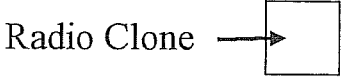
Human Resources Ordering



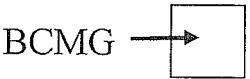
FBAN Plans



Resource Unit



Radio Clone



BCMG



Check-in Demob



Documentation Cal Fire Time

