

BALD FIRE

Incident Action Plan

August 6th-7th 2014 Night Shift

1800-0800

Complacency- The first step to an accident involves the false belief that experience makes you invulnerable.

This five step process provides firefighters with a simple, universal, and consistent way to practice risk management.

- Establish situational awareness
- Identify hazards and assess the risk
- Control or eliminate hazards
- Make decisions based on acceptability of remaining risk
- Evaluate the effectiveness of hazard controls and continuously re-evaluate the situation

**KEEP A HIGH LEVEL OF
SITUATIONAL AWARENESS**

Bald: CA-LNF-003479 P5H94L (0506)

Lassen National Forest, Hat Creek Ranger District
Northern California Incident Management Team 1

INCIDENT OBJECTIVES	1. Incident Name Bald	2. Date 08/06/2014	3. Time 0900
----------------------------	-------------------------------------	----------------------------------	----------------------------

4. Operational Period
August 06 - 07, 2014 NIGHT SHIFT

INCIDENT OBJECTIVES

- 1) Provide for firefighter and public safety.
- 2) Assess operational opportunities, continue securing the perimeter, and implement fire suppression repair work.
- 3) Keep the Bald Fire within the current containment lines.

MANAGEMENT OBJECTIVE

- 1) Keep fires as small as possible to minimize resource damage and cost.
- 2) Use MIST tactics and retardant avoidance to minimize suppression impacts to the wilderness study area when safe to accomplish.
- 3) Weed wash incoming vehicles and demobed resources to avoid spread of noxious weeds.

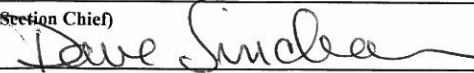
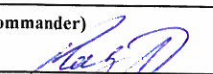
6. Weather Forecast for Period

- See attached weather forecast.

7. General Safety Message
See attached safety messages.

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
<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> ICS215a
<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input checked="" type="checkbox"/> ICS 220	<input type="checkbox"/> Rehab Considerations

9. Prepared by (Planning Section Chief) Valery Lambeth 	10. Approved by (Incident Commander) Mike Minton 
---	---

ORGANIZATION ASSIGNMENT LIST			
1. Incident Name		Ordering	Ken Kumpe, Dave Reynolds
Bald		Facilities Unit	Frank DelCarlo, Ricky Crowther (t), Jeff Huhtala
2. Date	3. Time	Ground Support Unit	Harry Zabel, John Camacho
August 6, 2014	1230	Communications Unit	Phil Shafer, Rick Cartoscelli
4. Operational Period		Medical Unit	Josh Ramey, Ryan Reginato (t)
Night Shift August 06-07, 2014		Receiving & Distribution	Brett Shurr
Position	Name	Security Manager	Clint Robbins
5. Incident Commander and Staff		Food Unit	Jay Westlake, Fred Johnson
Incident Commander	Mike Minton, Kelly Zombro (Cal-Fire), Steve Burns (t)	9. Operations Section	
Deputy		Operations	Alec Lane (Day), Kurt Lindstrand (t) Robin Wills (Night), Dave Hodgekiss (Cal-Fire)
Safety Officer	Michele Tanzi, Jeff Barnhart, Mike Frederick	Planning Ops	Dave Pereira, Jeremy Lusher (t)
Information Officer	Kathy Hardy, Jim Mackenson	a. Division/Groups	
Liaison Officer	Kent Swartzlander	Division/Group A /B/M	Randy Jennings / Kevin Grodi (t)
6. Agency Representative		Division/Group C	Jessie Scofield
Agency Admin Rep – FS	Kit Mullen	Division/Group D/L	Tom Garcia / Patrick Doyle (t)
Agency Admin Rep- BLM	James Gannon	Division/Group	
Shasta Co. Sheriff's Office	Mark Lillibridge	Division/Group	
Lassen Co. Sheriff's Office	Scott Withrow	Division/Group	
Lassen Co. OES	Eric Ewing		
Lead Field Resource Advisor	Mike Dolan	b. Division/Groups	
Lead Resource Advisor	Paul White		
OES AREP	John Clary	Division/Group	
Suppression Repair Specialist – Cal Fire	Bruce Beck	Division/Group	
7. Planning Section		Division/Group	
Chief	Valery Lambeth	Division/Group	
Deputy	Gabe Schultz (Cal-Fire), Dave Sinclear	Division/Group	
Resources / Demob Units	Gary Deboi, LouAnn Charbonnier, Rita Mustatia	c. Air Operations Branch	
Documentation Unit	Bill Kunesh	Air Operations Branch Director	Curtis Coats, Glenn Dietz (t)
Situation Unit	Alan Taylor	Air Attack Supervisor	
Training	Seneca Smith, Alejandra Pena (t)	Air Support Supervisor	Jeff Dupras (t)
CTSP	George Steel	Helicopter Coordinator	
GIS	Matt Dickenson, Kyle Felker, Jim Gonzalez (t)	Air Tanker Coordinator	
FBAN	John Wood	10. Finance Section	
IMET	Jack Messick	Chief	Rachel Corkill
Human Resources	Daniel Gonzalez	Time Unit	Maggie Prochazka
8. Logistics Section		Cost Unit	Wendy McCartney (t)
Chief	Patrick Howard	Compensation/Claims Unit	Debbie McIntosh
Deputy	Mike Jellison	Equipment Time	Nicole Savage
Supply Unit	Tom Charlton, Ron Pierce (t)	Cost Apportionment Team	Kenny Lucien, Mike Borelli (Cal-Fire)
		Prepared by (Resource Unit Leader)	
		L. Charbonnier	

Fire Weather Forecast

FORECAST NO: 8
PREDICTION FOR: NIGHT SHIFT

NAME OF FIRE: Bald CA-LNF-3479
UNIT: Lassen NF

SHIFT DATE: 06-07 August 2014

SIGNED:



TIME AND DATE:
FORECAST ISSUED: 1200 / 06 Aug

Incident Meteorologist

WEATHER DISCUSSION: The low that caused all the rain will leave the region slowly, allowing another round of showers and thunderstorms tonight, only there will be much less coverage in this part of California. The threat of showers and thunderstorms will slowly decrease over the next couple of days.

WEATHER FORECAST:

WEATHER: Partly cloudy. A slight chance of showers and thunderstorms until midnight. Gusts to 20 mph near thunderstorms.

TEMPERATURES: Ridge lows 46 to 52. Valley lows 42 to 52.

HUMIDITY: Ridge maximum 65 to 75 percent. Valley maximum 70 to 85 percent.

20 FT WINDS:

RIDGETOP - Southwest 3 to 9 mph gusts to 16 mph, by 0100 becoming northeast 2 to 8 mph.

SLOPE/VALLEY - Southwest 2 to 8 mph gusts to 14 mph, by 2000 shifting to northwest. By 2300, slope-valley wind becoming downslope/down valley 1 to 5 mph.

HAINES INDEX: 3 Very Low

LIGHTNING ACTIVITY LEVEL: 2.

STABILITY/INVERSION: Strong inversion developing.

OUTLOOK FOR THURSDAY: Partly cloudy. After 1100, a slight chance of showers and thunderstorms. High temperatures: Ridges 74 to 82. Valleys 78 to 88. Minimum humidity: Ridges 24 to 30 percent. Valleys 18 to 26 percent. Ridge wind east 2 to 6 mph, by 1400 becoming west 6 to 12 mph gusts to 22 mph. Valley wind down valley/downslope 1 to 5 mph, by 1400 becoming west 4 to 12 mph gusts to 22 mph. Haines Index 3 Very Low. LAL 2

OUTLOOK FOR THURSDAY NIGHT: Partly cloudy. A slight chance of showers and thunderstorms until 2000. Low temperatures: Ridges 48 to 54. Valleys 46 to 54. Maximum humidity: Ridges 48 to 56 percent. Valleys 52 to 62 percent. Ridge wind west 4 to 10 mph gusts to 18 mph, by midnight becoming northeast 1 to 5 mph. Valley wind west 4 to 9 mph gusts to 16 mph, by 2200 becoming downslope/down valley 1 to 5 mph.

EXTENDED FORECAST: Friday: partly cloudy with a slight chance of showers and thunderstorms. Lows 47 to 57. Highs 77 to 87. Afternoon southwest wind 10 to 20 mph gusts to 35 mph. Saturday: mostly sunny. Lows 45 to 55. Highs 81 to 91. Light wind. Sunday: sunny, becoming partly cloudy with a slight chance of showers and thunderstorms. Lows 44 to 54. Highs 85 to 95. Light wind.

OBSERVATIONS:

Observations from yesterday/this morning					
Location/Elevation:	Low T:	High T:	Max. RH	Min. RH	Precipitation
Ladder Butte RAWS / 5672	55	61	100%	82%	0.17 inch
Soldier Mountain RAWS / 3704	57	70	100%	70%	0.27 inch
LNF 07 Portable RAWS / 3355	49	63	100%	87%	0.29 inch
LNF 08 Portable RAWS / 5748	56	74	100%	59%	0.07 inch

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 10	TYPE OF FIRE: Wildland Fire
FIRE NAME: Bald	OPERATIONAL PERIOD: 8/6 to 8/7 1800 to 0600
DATE ISSUED: 8/6/14	TIME ISSUED: 1200
UNIT: Lassen N.F.	SIGNED: /s/ John Wood FBAN

INPUTS

WEATHER SUMMARY: A slight chance of showers and thunderstorms until midnight. Gusts to 20 near thunderstorms. Minimum temperatures Ridges 42-52 degrees, Valleys 42-52. Maximum relative humidity Ridges 65-75 percent. Valleys 70-85 percent. Winds Ridges Southwest 3-9 mph, gusts to 16 mph by 0100 becoming Northeast up to 2-8 mph. Valley Southwest 2-8 mph gusts to 14 mph by 2000 shifting to Northwest. By 2300, slope valley wind becoming downslope down valley 1-5 mph.

Haines: 3

OUTPUTS

GENERAL: Showers and increased relative humidity have moderated potential fire behavior. Approximately 3 tenths of an inch of rain have fallen on the fire area. This rain will be effective in minimizing the potential of fire behavior for the majority of the shift. Thunderstorms with showers are possible today which will extend the period of low fire behavior. Outflow winds from the thunder storms are not likely to cause significant increases in fire behavior. Drought stressed, critically dry fuels will take only a few days of drying before they will support active burning. Higher relative humidity will have a greater impact reducing fire behavior in lighter fuels. Spotting will be a minor consideration with a very low probability of ignition. In grass fuels rates of spread around 1 ch/hr with flame lengths around 1 ft. In shrub fuels, rates of spread around 1 ch/hr, with flame lengths around 1 foot and in the timber fuels, rates of spread 1-3 ch/hr with flame lengths 2-3 feet.

SPECIFIC:

Fuel moisture: **1hr 16% 1000 hr 8% Live 76 -108%** Prob. of ign. **up to 10%** Spot distance up to **1/3 of a mile.**

Division A and B: No significant fire behavior expected.

Division C: Minimal fire behavior is expected as heavy fuels continue to burn down.

Division D and L: Minimal fire behavior is expected as heavy fuels continue to burn down.

Division M: No significant fire behavior expected.

AIR OPERATIONS

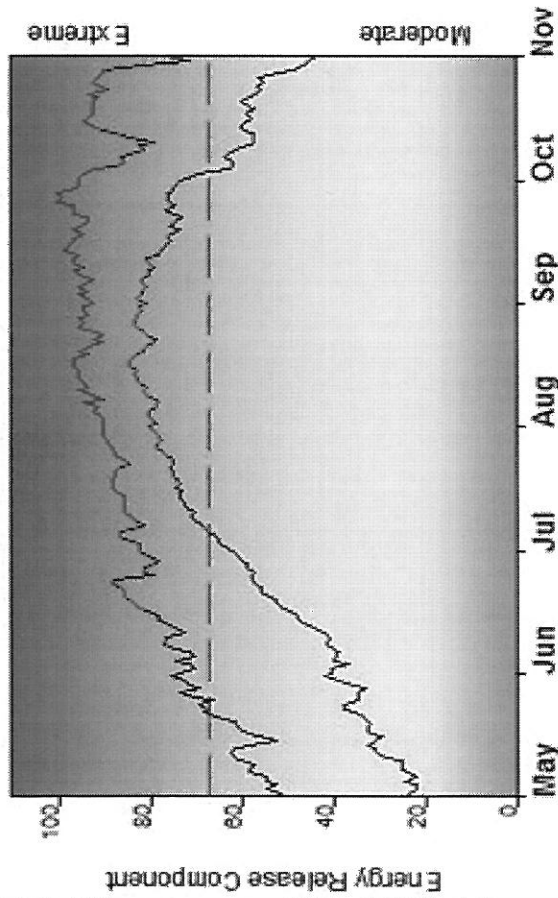
Smoke production has decreased on the Bald fire and the Eiler fire. Skies should be clear at the beginning of shift, skies will be partly cloudy. A strong inversion will develop overnight and smokey and low visibility conditions should be expected before the end of shift.

Safety Message

Be aware of hazard trees. Trees have been burning for a few days now and may be burned through at the roots, in the base or branches up in the tree. Rain may have loosened the soil around the roots. Be aware of the potential that hazard trees have.

FIRE DANGER -- Hat Creek RD Ladder Butte

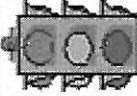
Maximum, Average, and 51th Percentile, based on 21 years data



Fire Danger Area:

- ◆ (Hat Creek RD North)
- ◆ Northern Sierra
- ◆ Ladder Butte RAWs
 - * Meets NWCG Wx Station Standards

Fire Danger Interpretation:



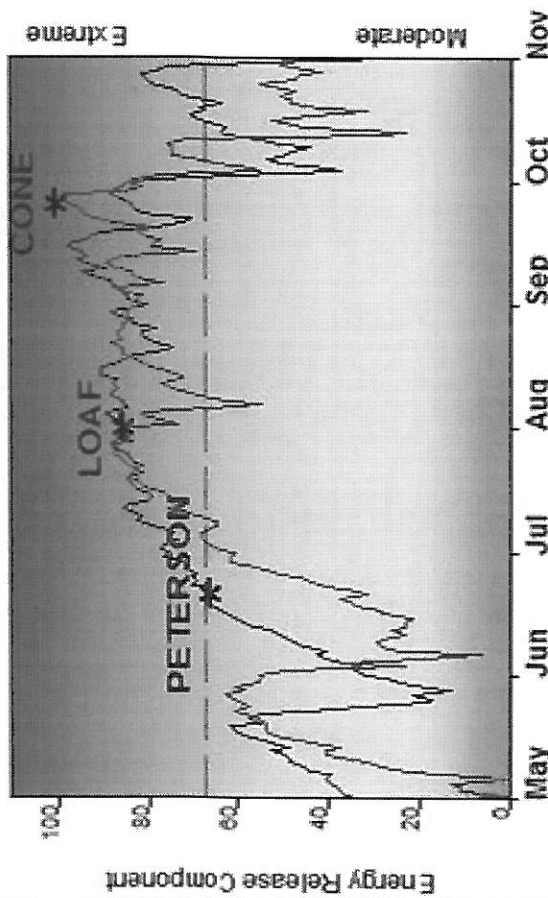
- EXTREME -- Use extreme caution
- (Caution) -- Watch for change
- Moderate -- Lower Potential, but always be aware

Maximum -- Highest Energy Release Component by day for 1993 - 2013
 Average -- shows peak fire season over 21 years (3654 observations)
 51th Percentile -- Only 49% of the 3654 days from 1993 - 2013 had an Energy Release Component above 67

Local Thresholds - Watch out:

Combinations of any of these factors can greatly increase fire behavior:
 20' Wind Speed over 10 mph, RH less than 15%,
 Temperature over 80, 10-Hour Fuel Moisture less than 5

Years to Remember: 2008 2009



Fuel Model: G - Short-Needle (Heavy Dead)

Remember what Fire Danger tells you:

- ✓ Energy Release Component gives seasonal trends calculated from 2 pm temperature, humidity, daily temperature & rh ranges, and precip duration.
- ✓ Wind is NOT part of ERC calculation.
- ✓ Watch local conditions and variations across the landscape -- Fuel, Weather, Topography.
- ✓ Listen to weather forecasts -- especially WIND.

Past Experience:

(Past and Local Experience)
 10 Hr fuel moisture 5 % or less expect easy ignition, rapid rates of spread, and increased spotting potential.
 ERC over 67 may have potential for rapid fire growth
 * Thermal low pressure may develop with temperatures above 80 degrees causing downslope winds in areas adjacent to lava fields in the Hat Creek Valley (Loaf 9356 ac.)
 * Numerous large fires in the FDA are associated with a dry cold frontal passage. (Cone 2006 ac. Peterson 2750 ac.)
 Fires over 10 acres are represented as large fires

FDA includes portions of Hat Creek Ranger District North of Hwy 44
 Responsible Agency: USFS Lassen National Forest
 FF-4.1 build 1622 05/28/2014-15:26 (C:\Users\davids01\Documents\Hat Creek Ladder Butte 1cngro)

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group A / B / M			
3. Incident Name Bald Fire		4. Operational Period Date: August 06-07, 2014 Time: 1800- 0800					
5. Operations Personnel							
Operations Chief		Robin Wills		Division/Group Supervisor		Randy Jennings/ Kevin Grodi (t)	
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
ENG T3 CA-KNF 27	Harris Stoner		5	N	1800		0700
ENG T6 Firestorm 9909 (E-92)	Alex Entrup		3	N	1800		0700
ENG T6 Reno 21 (E-91)	William Gentry		4	N	1800		0700
WT Ben's #27 (E-226)	Jerry Ehorn/Keith Van Sickle		1	N	1800		0700
EMTP *	Chad Meketarian		1	N	1800		0700
EMTB *	Michael Poveda		1	N	1800		0700
SOFR (Divisions B/C/D)	Russell Proctor		1	N	1800		0700
SOFR (Divisions A/L/M)	Don Bergstrand		1	N	1800		0700
7. Control Operations							
<ul style="list-style-type: none"> - Patrol and secure fire edge. - Mop up as experience and conditions allow up to 200' 							
Special Instructions:							
<ul style="list-style-type: none"> - Red and white flagging designates do not disturb areas. <p>* Medical personnel will be assigned to Division A/B/M but will be responsible for coverage in A/M/L</p>							
Function	Frequency	Name	Channel	Function	Frequency	Name	Channel
Command	RX168.7000N TX170.9750N	CMD 1	1	Air to Ground	RX169.4000N TX169.4000N	A/G 1	11
Tactical Div/Group	RX168.0500N TX168.0500N	NIFC T1	4				
Prepared by (Resource Unit Leader) L. Charbonnier		Approved by (Planning Section Chief) <i>Dave Simcha</i>		Date August 6, 2014		Time 1100	

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group C			
3. Incident Name Bald Fire		4. Operational Period Date: August 06-07, 2014 Time: 1800- 0800					
5. Operations Personnel							
Operations Chief		Robin Wills		Division/Group Supervisor		Jessie Scofield	
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
ENG T3 SHU 559	Jeremy Haker		4	N	1800		0700
ENG T3 SHU 2453	Buck Thomas		4	N	1800		0700
ENG T3 SHU 2495	Dustin Lazzari		4	N	1800		0700
EMTP *	John Vail		1	N	1800		0700
EMTB *	Curtis Benzie		1	N	1800		0700
SOFR (Divisions B/C/D)	Russell Proctor		1	N	1800		0700
7. Control Operations - Patrol and secure fire edge. - Mop up as experience and conditions allow, up to 200'							
Special Instructions: - Red and white flagging designates do not disturb sensitive areas. * Medical personnel will be assigned to Division C, but will be responsible for coverage in B/C/D							
Function	Frequency	Name	Channel	Function	Frequency	Name	Channel
Command	RX168.7000N TX170.9750N	CMD 1	1	Air to Ground	RX169.4000N TX169.4000N	A/G 1	11
Tactical Div/Group	RX168.6000N TX168.6000N	NIFC T-3	5				
Prepared by (Resource Unit Leader) L. Charbonnier		Approved by (Planning Section Chief) <i>Dave Sinclair</i>		Date August 6, 2014		Time 1100	

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group D/L			
3. Incident Name Bald Fire		4. Operational Period Date: August 06-07, 2014 Time: 1800- 0800					
5. Operations Personnel							
Operations Chief	Robin Wills		Division/Group Supervisor	Tom Garcia / Patrick Doyle (t)			
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		
ENG T3 Lone Peak 1668 (E-140)	Brad Chandler	5	N	1800	0700		
WT McGarr (E-100)	Rory Conlan	1	N	1800	0700		
SOFR (Divisions B/C/D)	Russell Proctor	1	N	1800	0700		
SOFR (Divisions A/L/M)	Don Bergstrand	1	N	1800	0700		
7. Control Operations - Patrol and secure fire edge. - Mop up as experience and conditions allow up to 200'							
Special Instructions: Red and white flagging designates do not disturb sensitive areas. * Medical personnel from Divisions A/B/M and Division C are responsible coverage in Division D/L.							
Function	Frequency	Name	Channel	Function	Frequency	Name	Channel
Command	RX168.7000N TX170.9750N	CMD 1	1	Air to Ground	RX169.4000N TX169.4000N	A/G 1	11
Tactical Div/Group	RX166.7750N TX166.7750N	NIFC T-6	7				
Prepared by (Resource Unit Leader) L. Charbonnier		Approved by (Planning Section Chief) <i>Dave Smolan</i>		Date August 6, 2014		Time 1200	

AIR OPERATIONS SUMMARY

PREPARED BY: Jeff Dupras / Glenn Dietz
 PREPARED DATE/TIME: August 5, 2014, 2000 hrs

1. INCIDENT NAME:
 Bald (CA-LNF-003479)

OPERATIONAL PERIOD:
 DATE: 8/6/14 START TIME: 0600 END TIME: 2200 SUNRISE: 0606 SUNSET: 2017
 (Sunset times at Fall River Mills)

3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.):
 Wire rich environment. Terrain influenced wind turbulence. Get a Thorough Briefing.
 Study Flight Hazard Map. General Aviation, See & Avoid. Thunderstorm safety precautions.

Helibase at Fall River Mills Airport (O89): N 41° 01.04' x W 121° 26.10'

4. MEDEVAC A/C:
 * H-202 at Bieber
 * Guard-826 Available at RDD
 * CALCORD 156.0750
 Tone 6 (156.7)

5. TFR # 4/8809
 N 41° 03.00' x W 121° 21.25'
 N 40° 55.50' x W 121° 09.00'
 N 40° 38.00' x W 121° 32.50'
 N 40° 50.33' x W 121° 48.00'
 Ceiling: 10,000 MSL
 TFR Freq: 118.575

6. PERSONNEL		Phone	7. FREQUENCIES		AM	FM	8. FIXED-WING	
AOBD: Curtis Coots		209-419-4408	AIR/AIR FW:			169.2000	Air tankers	# Avail / Type/ Make-Model / FAA N# / Base(s)
AOBD(t): Glenn Dietz		530-227-0017					Order as needed	
ATGS: Walter Bunt		530-310-3506	AIR/AIR AM:		118.575		Lead planes	Order as needed
ATGS: Mike Fralicks		559-760-8379					Base FAX #:	
ASSG(t): Jeff Dupras		530-394-8108	AIR/GROUND 1 (Tactical)			169.4000		
			AIR/GROUND 3 (Briefing)			166.6750		
HLCO:			CMD 1 (All Bald Divisions): Tone 11 (114.8)					
HEBM: Bjorn Burgeson		970-217-2209	CMD 8 (All Bald Divisions): Tone 11 (114.8)				ATGS Aircraft	AA-06, AA-17V
DECK:			DECK FREQ:			163.1000		
			TOLC FREQ:		122.8		HLCO	

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
H-2HX	3	Bell 407	O89	0830	0900	Bucket, Pax Transport, HLCO	H-7BH	1	UH-60	O89	0830	0900	Bucket
H-523	2	Bell 205 A1++	O89	0830	0900	Bucket, Pax Transport	H-73U	1	S-61	O89	0830	0900	Bucket
H-510	2	Bell 205 A1++	O89	0830	0900	Bucket, Pax Transport, PSD	H-509		Bell 209	O89	0830	0900	0800 Release

INCIDENT RADIO COMMUNICATIONS PLAN

Incident Name

BALD CA-LNF-003479

Date/Time Prepared

08/06/14 1030

Operational Period Date/Time

NIGHT SHIFT 08-06-14

Only frequencies listed on this 205 are authorized for use on this incident.

Hand programmers accept all responsibility for the use of unauthorized frequencies.

Ch #	Function	Channel Name	Assignment	RX Freq N or W	RX Tone	TX Freq N or W	TX Tone	Mode	Remarks
1	NIFC CMD 1	CMD 1	ALL DIVISIONS	168.7000N		170.9750N	T11, 114.8	A	
2	NIFC CMD 8	CMD 8	ALL DIVISIONS	169.5375N		164.7125N	T11, 114.8	A	
3	NIFC CMD ?	BLANK	UNASSIGNED	???		???		A	Possible future expansion
4	TACTICAL	NIFC T-1	DIVISIONS A-B-M	168.0500N		168.0500N		A	
5	TACTICAL	NIFC T-3	DIVISION C	168.6000N		168.6000N		A	
6	TACTICAL	NIFC T-5	UNASSIGNED	166.7250N		166.7250N		A	
7	TACTICAL	NIFC T-6	DIVISIONS D-L	166.7750N		166.7750N		A	
8	TACTICAL	NIFC T-7	UNASSIGNED	168.2500N		168.2500N		A	
9	TACTICAL	FS R5 T4	UNASSIGNED	166.5500N		166.5500N		A	
10	TACTICAL	FS R5 T5	UNASSIGNED	167.1125N		167.1125N		A	
11	AIR TO GROUND	AG 1	UNASSIGNED	169.4000N		169.4000N		A	
12	AIR TO GROUND	AG 2	UNASSIGNED	169.8250N		169.8250N		A	
13	AIR TO GROUND	AG 3	ALL DIVISIONS	166.6750N		166.6750N		A	
14	SIFC	SIFC	SUSANVILLE DISPATCH	172.2250N		171.4750N	T3, 131.8	A	IF BALD CMD FAILS COMPLETELY
15	CALCORD	CALCORD	MED HELO CONTACT	156.0750N		156.0750N	T6, 156.7	A	
16	URGENT AIR CONTACT	AIR GUARD	ALL DIVISIONS	168.6250N		168.6250N	T1, 110.9	A	USE ONLY FOR URGENT AIRCRAFT CONTACT IF HAND PROGRAMMING USE TONE 1

Prepared by

Incident Location

Phil Shofer, COML NorCal JMT 1
Rick Cartoscelli, COML *RCartoscelli*

40 54 03, -121 22 06, CA

Bald Incident Contact List

IC'S

530-336-5591

LIAISON

530-336-5474

INFO

530-336-6553

530-336-6494

FINANCE

530-336-6516

PLANS, FBAN, SITL

530-336-6605

OPS, AIR OPS, SAFETY

530-336-6032

SUPPLY

530-336-5992

Ron

SUPL

530-336-5322

Dave

ORDM

530-336-5446

Ken/Brett

ORDM

530-336-6989

FAX

Bald Fire, CA-LINI

Northern California Interagency

Incident Management Team 1

Name	Position	Unit	Work #
Command & General Staff			
Minton, Mike	ICT2	SRF	707-498-4435
Kurth, Jay	ICT2(T)	ENF	530-503-5284
Swartzlander, Kent	LOFR	CHE	707-502-5051
Tanzi, Michele	SOF2	GVF	530-957-0073
Barnhart, Jeff	SOF2	GRV	530-957-4669
Hardy, Kathy	PIO2	GVF	530-919-1381
Wills, Robin	OSC2	PWR	415-203-7162
Pereira, Dave	OSC2	ENF	530-391-9661
Burns, Steve	OSC2	TMU	530-545-3991
Lindstrand, Curt	OPBD(T)	KNF	530-598-8056
Lambeth, Valery	PSC2	CHE	760-616-4292
Sinclear, Dave	PSC2	CHE	530-228-4634
Shurr, Brett	LSC2	CSM	916-747-7906
Jellison, Mike	LSC2	CHE	530-722-7235
Kumpe, Ken	LSC2	ENF	530-217-7305
Howard, Patrick	LSC2(T)	SRF	530-646-9321
Corkill, Rachel	FSC2	SRF	707-672-2204
Coots, Curtis	AOBD	MNF	530-305-9805
Charlton, Louis	FSC2	CHE	530-310-2952
OPERATIONS			
Fregulia, Don	DIVS	PNF	530-394-8075
Vardanega, Mark	DIVS	CHE	530-925-1876
Jennings, Randy	DIVS	PNF	530-394-8075
Air Operations Section			
Dietz, Glenn	ASGS	SHF	530-227-0017
Dupra, Jeff	ASGS-T	PNF	530-394-8108
PLANS			
Wood, John	FBAN(T)	SHF	530-226-2375
Deboi, Gary	RESL	CHE	530-616-0275
Mustatia, Rita	RESL	TMU	530-543-2677
Charbonnier, LouAnn	RESL	CHE	530-680-4153
Taylor, Alan	SITL	INF	760-647-3034
Dickinson, Matt	GISS	TMU	775-297-5699
Gonzales, Jim	GISS(T)	GISS	530-628-1207
Steel, George	CTSP	CHE	530-925-1536
Smith, Seneca	TNSP	INF	760-937-7943
Felker, Kyle	GISS	CHE	530-251-6112
FINANCE			
McIntosh, Debbie	COMP	MNF	707-489-1661
Savage, Nicole	PTRC	BLM	530-640-3699
McCartney, Wendy	TIME	LNF	970-217-1809
Prochazka, Maggie	TIME	SHF	530-604-3290
Rasmussen Veronica	EQTR	KNF	530-598-8679
Mason, Kathleen	PTRC	SRF	805-558-9532
LOGISTICS			
Shafer, Phil	COML	PNF	530-616-0497
Westlake, Jay	FDUL	CHE	707-834-2771
McGuinness, Mark	FDUL(T)	PNF	530-394-8096
DelCarlo, Frank	FACL	CHE	530-261-2832
Crowther, Richard	FACL(T)	LNF	530-249-7581
Zabel, Harry	GSUL	CHE	707-570-5104
Ramey, Joshua	MEDL	PCP	530-277-1213
Johnson, Fred	RCDM	CHE	707-267-8488
Pierce, Ron	ORDM	CHE	916-300-8116
Lake, Mona	ORDM	SHF	530-859-3318
Cartoscelli, Rick	COML	GRV	530-575-7990

INCIDENT RISK ANALYSIS
Bald Fire
(ICS 215A) August 6th – 7th, 2014 Night Shift 1800-0800

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
ALL	Medical Emergencies	<ul style="list-style-type: none"> • Review and understand Medical Plan in IAP. • Base all operational activities on these three questions <ul style="list-style-type: none"> ○ What are we going to do if someone gets hurt? ○ How will we get them out of here? ○ How long will it take to get them to a hospital? • If the answers are insufficient, stop, reassess and consider alternate strategies and tactics! • Review page 2 in IRPG 2014.
ALL	Communications	<ul style="list-style-type: none"> • Ensure you have received the most current communications plan, and your radios have been cloned to it before heading out to your work area. • TEST your radio before you leave camp to ensure you have comms, and then TEST again when you arrive at your work area. • Use human repeaters in areas with sketchy comms. • Refer to the 5 communication responsibilities listed on page ix in the 2014 IRPG
ALL	Driving Hazards	<ul style="list-style-type: none"> • Roads within the burned areas have MANY hazards. Scout prior to committing travel through these areas. Mitigate if capable OR close road entirely until hazards have been mitigated. • Washboard conditions are common on most of the native surface roads. Maintain adequate following distances. Reduce speed in Developed Areas. Be watchful of local traffic. • Both livestock and wildlife are abundant in the fire area. Cattle are continuing to be removed from the fire area so both cattle and ranchers could be anywhere. • Drive defensively! Expect the unexpected around every curve. • Drive with your headlights on. Look before backing and use backcrossers. • Maintain driving situational awareness. • SEAT BELTS ON...LIGHTS ON...BEFORE wheels turn! • Reduce driving speeds to allow for reaction time lag. • On dusty/smoky roads, don't follow too closely behind traffic. Allow time for dust/smoke to clear. • Establish one-way traffic or coordinate traffic flow if necessary. • Drive Defensively! Expect the unexpected around every curve. • Don't drive when fatigued. Adhere to agency driving regulations and guidelines. • Pedestrians in town, Keep speeds down
ALL	Mop Up	<ul style="list-style-type: none"> • Scout area for hazards before sunset. • Flag known hazards and communication location to all personnel • Be aware of stump holes and ash pit hazards in your work area. Flag and Avoid if no threat of escape to perimeter control line. • NO NIGHT felling of DANGER TREES. Flag area and avoid till daylight hours. • Follow mop up control objectives listed in your IAP.
ALL	Aircraft Operations till 1/2hr after sunset (approx 2030)	<ul style="list-style-type: none"> • Ensure resources are clear of "Target Area" during bucket or retardant use. • Use air-to-ground frequency to communicate with aircraft. • Use clear, concise statements when directing aircraft. Use clock directions from pilot's perspective and mirror flashes. • Consider risk vs gain • Ensure use of trained personnel when involved with longline operations. • Keep non-essential personnel away from dip sites (natural and/or man made) • Ensure personnel receive a passenger briefing prior to flight.
ALL	Thunderstorms / Lightning	<ul style="list-style-type: none"> • Monitor changing weather condition, Post Lookouts. • Observe 30/30 rule. • Pre-Plan "Shelter Up" area. • Move down before roads become wet and slick. • Review & brief your resources from page 21 in the 2014 IRPG

INCIDENT RISK ANALYSIS
Bald Fire
(ICS 215A) August 6th – 7th, 2014 Night Shift 1800-0800

ALL	Heavy Equipment/Dozers	<ul style="list-style-type: none"> • Stay 100' in front and 50' behind the equipment. Maintain safe working distances. • If working in Timber and in darkness, increase these distances to 2.5 times the canopy height. • Make eye contact with operator and ensure all implements have been grounded before approaching equipment. • Utilize headlamps and glow sticks to signal operator of your position • Only the operator is authorized on the equipment. • Avoid working below equipment • Operators utilize appropriate PPE and equipment safety mechanisms. • Utilize observer or spotter. • Ensure the use of communication with operator (radio, hand signals). • Refer to page 80 in the 2014 IRPG for further precautions for working around heavy equipment. 	
ALL	Hydration & Heat Illness	<ul style="list-style-type: none"> • Pre-hydrate, Re-hydrate! <u>Dehydration is preventable</u>.....Drink a <u>minimum</u> of 250ml/hour; (¼ of canteen) • Drink water & Electrolyte drinks before, during, and after shifts. (2 waters to 1 sports drink). • Do NOT mix with water or dilute electrolyte drink. It must be consumed as is for the body to absorb properly. • Low volumes of dark, concentrated urine or painful urination indicate a serious need for rehydration, & medical attention. • Ensure your crews take an adequate water/electrolyte supply out to assignment and order more as needed. Take frequent snack breaks to keep blood sugar levels up. • Pace work to avoid heat injuries • Heat exhaustion is characterized by: Weakness, Extreme Fatigue, Nausea, Dizziness & Headaches, clammy skin, persistent muscle cramps, decreased urine output. <ul style="list-style-type: none"> ○ Cool patient as quickly as possible! ○ Move patient to a cooler location and provide cold water and sports drink. ○ Actively reduce core temperature through evaporation by fanning patient. ○ Cover head and neck with wet cloth, increase air movement. ○ Heat exhaustion is characterized by: Weakness, Extreme Fatigue, Nausea, Dizziness Headaches, clammy skin, persistent muscle cramps, decreased urine output. ○ Remove Patient from fireline and seek medical attention. • <u>Mental confusion may develop</u> This is a serious trigger point for the potential onset of Heat Stroke or hyponutremia. • Refer to Medical Plan for additional EMS care and Evacuation 	
ALL	Biting, Stinging Insects (Rattle Snakes, Scorpions, Bees, Mosquitoes, Ticks, etc)	<ul style="list-style-type: none"> • If allergic to bee stings, let your DIVS & EMT's know. • Leave the snakes alone! • Don't stick hands in holes or crevices. • Shake out boots and or sleeping bags prior to use • Use bug spray to minimize mosquito bites. • Check yourself daily for tick bites. 	
ALL	Complacency	<ul style="list-style-type: none"> • The first step to an accident involves the false belief that experience makes you invulnerable. • Don't let your operations fall into the "routine" category. • Maintain situational awareness in all activities. 	
INCIDENT NAME Bald Fire ICS 215a		DATE PREPARED: <p style="text-align: center;">August 6, 2014</p>	OPERATIONAL PERIOD Night Shift 8/6,7/2014, 1800-0800 Prepared by: Tanzi, Barnhart, Frederick
		TIME PREPARED: 1000 HOURS	



Fatigue/Stress

First Aid/Health Category

Accumulated (Chronic) Fatigue is defined as fatigue from which normal rest does not produce recovery. Accumulated fatigue is often caused by extended periods of stress with inadequate recovery periods, which results in decreased productivity, compromised immune function, and reduced alertness. Fatigued workers perform poorly, behave carelessly, tolerate greater errors and become inattentive. Chronic fatigue often results in increased stress, which may present itself through certain behavioral and physiological indicators, such as those described below:

• Behavioral indicators

- Decreased motivation and low morale
- Increased irritability and depression

• Physiological indicators

- Confused, poor problem solving
- Poor abstract thinking
- poor attention/decisions
- poor concentration/memory
- extreme emotional responses
- social/behavioral changes

• Recommendations for chronic fatigue/stress are:

- Take longer periods of rest/recovery
- Ensure that workers are adequately rested before they begin work shifts
- Provide periodic rest breaks to allow physical and mental recovery
- Alternate between heavy and light tasks
- Eat well-balanced meals regularly, with energy supplements during periods of high exertion
- Maintain hydration
- Ensure workers maintain good personal hygiene
- Maintain high standards of physical fitness and work capacity
- In extreme cases, personnel may need to be relieved of their duties

References:

Wildland Firefighter Health & Safety Report, Missoula Technology & Development Center

1) Spring 2004

2) Fall 2000

3) Fatigue Awareness PowerPoint

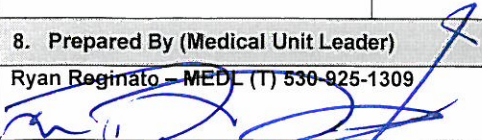
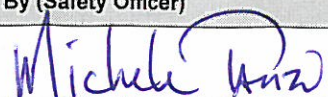
CISM Information Pamphlet, International Critical Incident Stress Foundation. www.icisf.org

Have an idea? Have feedback? Share it.

ONLINE | MAIL: 6 Minutes For Safety Subcommittee • 3833 S. Development Ave • Boise, ID 83705 | FAX: 208-387-5250

[6 Minutes Home](#)

MEDICAL PLAN (ICS 206 WF)

1. Incident/Project Name				2. Operational Period				
Bald				Date/Time 8/6/14 Night				
3. Ambulance Services								
Name		Location		Phone & EMS Frequency		Advanced Life Support (ALS) Yes No		
Mayers Memorial Ambulance		Fall River Mills, CA		911		X		
Burney Fire Ambulance		Burney, CA		911		X		
4. Air Ambulance Services								
Name		Phone		Type of Aircraft & Capability				
REACH		911 or 800-338-4045		Air Ambulance – Day/Night				
PHI / Mercy Air		911 or 800-597-9571		Air Ambulance – Day/Night				
CHP		911 or 530-225-2041		Hoist Rescue – Redding, CA				
Cal-Fire H-202		911		Hoist Rescue - Bieber, CA				
CANG 826		911 - Suzanville		Hoist Rescue – Day/Night - Redding, CA				
5. Hospitals								
Name & Level		GPS Datum – WGS 84 Degrees Decimal Minutes		Travel Time Air Gnd		Helipad Yes No		Address
Mayer's Memorial Hospital		Lat:	N41°01.47	1 min	5 min	530-336-5511	X	43563 Hwy 299E, Fall River Mills, CA
		Long:	W121°25.43					
		VHF:						
Mercy Medical Level 2 Trauma Center		Lat:	N40°34.29	20 min	1.5 hrs	530-225-6000 800-597-9571	X	2175 Rosaline Ave, Redding
		Long:	W122°23.67					
		VHF:						
Shasta Regional Medical Center		Lat:	N40°35.08	20 min	1.5 hrs	530-244-5353	X	1100 Butte, Redding, CA
		Long:	W122°23.25					
		VHF:						
UC Davis Level I Trauma/Burn Center		Lat:	N38°33.17	1.5 hrs	3.75 hrs	916-734-3636 916-734-3790	X	2315 Stockton Blvd. Sacramento, CA
		Long:	W121°27.05					
		VHF:						
6. Division / Crew Pre-plan Update and discuss with assigned resources daily								
Crew EMTs & Equipment								
Fireline EMTs & Location Adv. Life Support?								
Air Hoist site: Lat: / Long:								
Helispot: Lat: / Long:								
Alternate no-fly plan:								
7. Remote Aid Stations								
Frontline Medical – ICP McArthur Fairgrounds N41°03.134 W121°24.098		Point of Contact:		MEDL – Josh Ramey (Cell: 530-277-1213)				
		EMS Responders & Capability:		Advanced Life Support				
		Equipment Available on Site:		Medical supplies				
		Ambulance ETA :		Air – 20 min. Ground – 5 min.				
8. Prepared By (Medical Unit Leader)		9. Date/Time		10. Reviewed By (Safety Officer)		11. Date/Time		
Ryan Reginato – MEDL (T) 530-925-1309 		8/6/14 1000		Michele Tanzi 		8/6/14 1000		

MEDICAL PLAN (ICS 206 WF)

Medical Incident Report

Use items one through nine to communicate situation to communications/dispatch.

1. CONTACT COMMUNICATIONS, DECLARE: "MEDICAL EMERGENCY" OR "NON-EMERGENCY MEDICAL TRANSPORT"

Ex: "Communications, Div. Alpha. Stand-by for a medical emergency on Div. Alpha" (If life threatening request designated frequency be cleared for emergency traffic.)

2. INCIDENT STATUS: *Provide incident summary and command structure.*

- **Nature of Injury/Illness** *Describe the injury (Ex: Broken leg with bleeding)* _____
- **Incident Name** *Geographic Name + "Medical" (Ex: Trout Meadow Medical)* _____
- **Incident Commander** *Name of IC* _____
- **Patient Care** *Name of Care Provider (Ex: EMT Smith)* _____

3. INITIAL PATIENT ASSESSMENT: *Complete this section for each pt. This is only a brief, initial assessment. Provide additional pt. info after completing this report.*

- **Number of Patients:** _____ - **Male / Female:** _____ - **Age:** _____ - **Weight:** _____
- **Conscious?** **YES** **NO = MEDEVAC!** - **Breathing?** **YES** **NO = MEDEVAC!**
- **Mechanism of Injury** *What caused the injury?* _____
- **Location, Lat/Long** *(Datum WGS84) Ex: N 40° 42.45' x W 123° 03.24'* _____

4. SEVERITY OF EMERGENCY, TRANSPORT PRIORITY

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

5. TRANSPORT PLAN:

Air Transport: (Agency Aircraft Preferred)

- Helispot Short-haul/Hoist Life Flight Other

Ground Transport:

- Self-Extract Carry-Out Ambulance Other

6. ADDITIONAL RESOURCE/EQUIPMENT NEEDS:

- Paramedic/EMT(s) SKED/Backboard/C-Collar Crew(s) Burn Supplies Oxygen
 Trauma Bag Medication(s) IV/Fluid(s) Cardiac Monitor/AED
 Other (i.e. splints, rope rescue, wheeled litter)

7. COMMUNICATIONS:

- Run Medical Emergency on COMMAND - Coordinate with air ambulance on CALCORD tone 6

8. EVACUATION LOCATION:

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

9. CONTINGENCY: *If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead...*

REMEMBER:

- Confirm ETA's of resources ordered
- Act according to your level of training
- If air or ground ambulance is DELAYED: Package and transport patient to rendezvous with incoming Ambulance. Re-route EMS helicopter to rendezvous point as appropriate.

MESSAGE FROM YOUR HUMAN RESOURCE SPECIALIST

A few words of wisdom from the Incident Response Pocket Guide

The most essential element of successful wildland firefighting is competent and confident leadership. Leadership means providing purpose, direction and motivation for wildland firefighters working to accomplish difficult tasks under dangerous, stressful circumstances. In confusing and uncertain situations, a good operational leader will:

TAKE CHARGE of assigned resources.

MOTIVATE firefighters with a “can do safely” attitude.

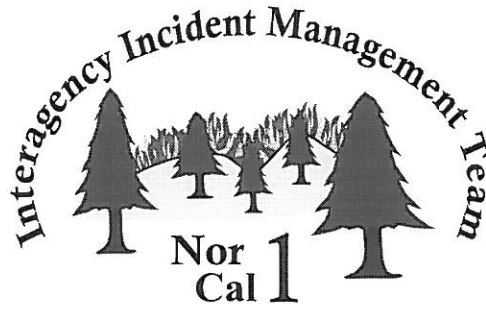
DEMONSTRATE INITIATIVE by taking action within the scope of leadership intent.

COMMUNICATE by giving specific instructions and asking for feedback.

SUPERVISE at the scene of action.

Have a safe and productive shift.

**Your Human Resource Specialist,
Daniel Gonzalez**



SOCIAL MEDIA

Northern California IMT 1 reminds all personnel to think before you post those photos and/or videos taken on this incident. Remember that all of our Agencies have policies in place regarding the taking and/or posting of photos or videos on any media site such as Facebook, YouTube, Flickr, etc. Such activities can easily result in serious, unintended consequences.

If you have photos or video that you would like to share, please bring them by the PIO desk located at the ICP

Nor Cal #1

Expectations for Operational Periods and Shift Length

- The expectations of the I.C. and the team are that all operational resources will proceed directly to their shift assignments at the conclusion of the operational briefing / division break-out. Individuals attending the briefing should attend dressed fire-ready (nomex pants and boots).
- ICS 204 Division Assignment Lists will display anticipated shift duration. The assigned Division Supervisor has the authority to modify these time frames as the situation dictates.
- A minimum of 1 meal break should be taken each day when the fire situation permits. When meals are not recorded, rationale is needed on the CTR. Non fireline assigned resources should plan for a 30 minute break every 6 hours when the situation permits. Command and General Staff will manage workloads to allow for breaks when appropriate.
- Individuals shall only drive if they have had at least 8 consecutive hours off duty before beginning a shift. *Example: if it becomes essential to work until 2300 hours, the individual should not return to duty before 0700 the following day.* Exceptions to this policy should only be to accomplish immediate and critical suppression objectives or critical firefighter / public safety missions as approved by the I.C.
- The Incident Management Organization is committed to a “zero tolerance” policy against inappropriate behavior during incident operations. We expect an attitude of mutual respect for all incident personnel and the public we serve. Any form of harassment, discriminatory practices, or disrespectful behavior will not be tolerated and will be dealt with appropriately. Illegal drug use or other illegal activities will not be tolerated and will be turned over to local law enforcement authorities. Alcohol is strictly prohibited from the fire camp and all other incident locations. Violation of these standards of conduct can result in prompt dismissal from the incident. Individuals who are aware of any inappropriate behavior of incident personnel should tell their supervisor or contact the Human Resource Specialist.

The 5-D System for Effective Waterbars

When locating and building waterbars, 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 deep enough so they'll be durable, and that soil does **not block** the water bar outlet.

Recommended spacing for waterbars on firelines.

Fireline slope %	Maximum Distance Apart (feet)
1-5	200
6-20	125
21-40	60
41-60	40
>60	25

Waterbars should be at least 2 pulaski widths wide and 12-24 inches high.

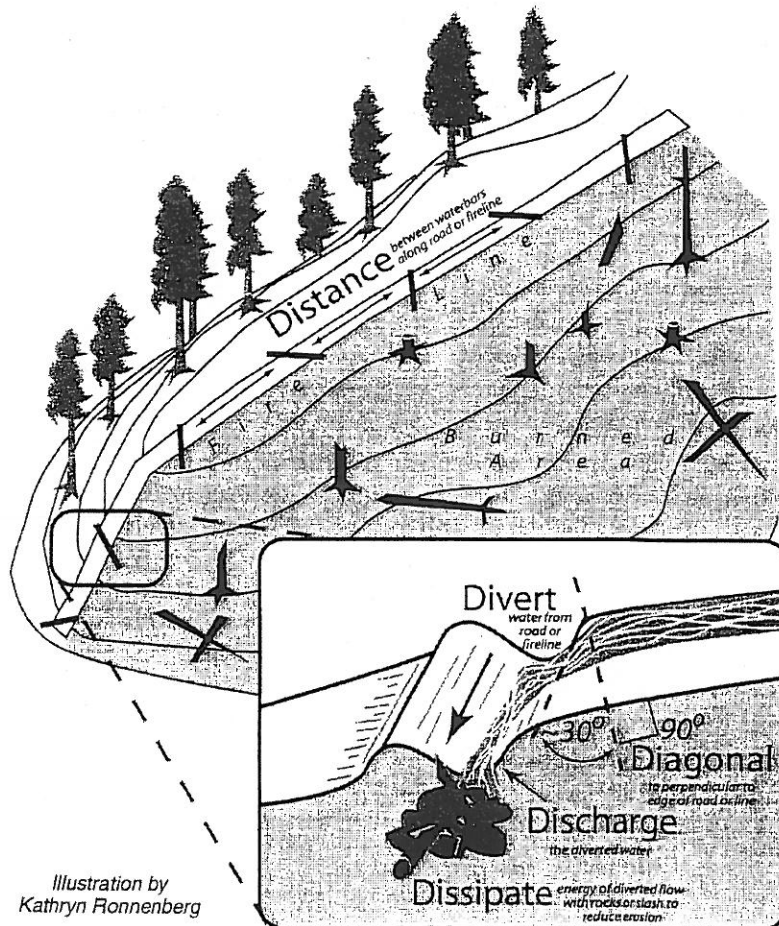


Illustration by
Kathryn Ronnenberg