FLAT Fire Incident Action Plan

JULY 15, 2012 1800 to 0800

Firing Operations

- Were conducted in Div Z during Day Shift
- Be aware of spot fire potential

Steep Slopes and Rolling Material

- o Burn operations Increase Potential for Rocks
- o Scout potential Hazardous Areas Before Dark
- Communicate Locations and Avoid

Hazard Trees

- o Fire Weakened trees ARE out there
- o Identify Areas or Individual Trees Before Dark
- Communicate Locations and Avoid
- O DO NOT PARK OF WORK IN THESE AREAS

KEEP A HIGH LEVEL OF SITUATIONAL AWARENESS

CA-SHF-002290 P5G1YE (0514) SHASTA-TRINITY NATIONAL FOREST Northern California Incident Management Team 1

INCIDENT OBJECTIVES	1. In	cident Name	- 1 - 3	2. Date Prepared	3. Time Prepared		
ICS 202	Flat	Incident		07/15/2012	1200		
4. Operational Period	000						
07/15-16/2012 Night Shift 1800 - 0							
	5. General Control Objectives for the Incident (include alternatives) Control Objectives						
Provide for firefighter and p	ublic s	afety by utilizing the risk	ma	ınagement pr	ocess.		
2. Protect private property and	d infras	structure within or adjacer	nt t	to the fire area	a.		
3. Protect the Trinity River Wi							
 4. Keep the Flat fire: North of Highway 299 and Hayden Flat, West of French Creek and Barnum Ridge South of Swede Creek East of the 5N04 road 							
Management Objectives 1. Keep fire suppression expe	1. Keep fire suppression expenditures commensurate with resource values at risk.						
See attached spot weather forec	ast						
7. General Safety Message							
See attached safety message							
0	ttaahm	onto					
8. A A A A A A A A A A A A A A A A A A A	ttachm		х	Fire Weather	Forecast		
x Division Assignment List-ICS 204	- x	Incident Map	X	Fire Behavior			
x Communications Plan-ICS 205	-	Traffic Plan		Unit Log ICS-	1980) Beautiful (Color Shortes) and Color (Color Shortes)		
x Medical Plan-ICS 206	×	Safety Message		Vicinity Map			
9. Prepared by		10. Approved I	bv		nander)		
Dave Sinclear	10	Paul Whitcome					
June June	Lei	- Maria	7	211			

ORGAN	IZATION ASSIGNMENT LIST
1. Incident Name	
Flat Fire	
2. Date	3. Time
July 15, 2012	1200
4. Operational Period	
	-16, 2012, 1800 - 0800
Position	Name
5. Incident	Commander and Staff
Incident Commander	Paul Whitcome, Steve Burns (†)
Deputy	Mike Minton
Safety Officer	Rich Rubin, Jeff Barnhart, Dave Kirste, Mike Frederick (t)
Information Officer	Jim Mackenson, Phyllis Swanson
Liaison Offier	Kent Swartzlander
6. Agency F	Representative
Agency	
Agency Admin.	Tina Lynsky
Resource Advisors	Eric Wiseman, Mark Arnold
Trinity Co. Sheriff and OES	Larry Masterman
Calif. OES Rep.	Marvin Howard
Cal Fire Rep.	Andy Reiling
Trinity County Sup.	Debra Chapman
Cal Trans Rep.	Joe Baltazar
	g Section
Chief	Valery Lambeth
Deputy	Dave Sinclear
Resources Unit	Gary Deboi, Chris Wikeen (†)
Situation Unit	Walter Herzog(t)
Documentation Unit	Louann Charbonnier
Demobilization Unit	Melissa Hennessey, Kathy Murphy
Human Resources	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Training	Julie Buel
CTSP	George Steel
GIS	Kyle Felker , Melanie Hans
FBAN	Jessica Wade, John Wood (†)
IMET	Jeff Tonkin
8. Logistics	s Section
Chief	Paul Montgomery
Deputy	Brett Shurr
Supply Unit / Ordering	Richard Sheets (t) / Brett Shurr
Facilities Unit	Jeff Huhtala, Frank DelCarlo
Ground Support Unit	Tom Carter, Ken Kumpe (†), Patrick Howard (†)

	Rick	Cartoscelli, Phil Shafer,
Medical Unit	Josh	Ramey, Clayton Thomas
Receiving & Distribution	Fred	Johnson
Security Unit		
Food Unit Jay		Vestlake
9.	Ope	erations Section
Chief		Alec Lane
Planning Ops		Robin Wills
a, Branch 1	- Divisio	on/Groups
Branch Director		DAY SHIFT
Division/Group A		Mark Vardanega, Mike Klimek(1
Division/Group B		Randy Jennings, Don Fregulia(†)
Division/Group Z		Rico Gonzalez
	turo	
Division/Group Struc Division/Group	iule	Jeffrey Hinson, Mike Hughes(t)
	District	10
b. Branch 2 Branch Director	- DIVISIO	on/Groups
		NIGHT SHIFT
Deputy		
Division/Group All Divi	sions	William Schaal / Tyler Attebury(t
Division/Group		
Division/Group Division/Group		
Division/Group		
Division/Group Division/Group	ations Br	ranch
Division/Group Division/Group Division/Group		ranch Curtis Coots
Division/Group Division/Group Division/Group C. Air Opero		
Division/Group Division/Group Division/Group C. Air Operations Branch Dire		
Division/Group Division/Group C. Air Opero Air Operations Branch Dire Air Attack Supervisor		Curtis Coots
Division/Group Division/Group C. Air Operations Branch Dire Air Attack Supervisor Air Support Supervisor		Curtis Coots
Division/Group Division/Group C. Air Opera Air Operations Branch Dire Air Attack Supervisor Air Support Supervisor Helicopter Coordinator Air Tanker Coordinator	ector	Curtis Coots
Division/Group Division/Group C. Air Opera Air Operations Branch Dire Air Attack Supervisor Air Support Supervisor Helicopter Coordinator Air Tanker Coordinator	ector	Curtis Coots Ken Crawford / Steve Beall Section
Division/Group Division/Group Division/Group C. Air Operations Branch Dire Air Operations Branch Dire Air Attack Supervisor Air Support Supervisor Helicopter Coordinator Air Tanker Coordinator	ector	Curtis Coots Ken Crawford / Steve Beall Section Joann Hereford, Rachel Corkill (t)
Division/Group Division/Group C. Air Opero Air Operations Branch Dire Air Attack Supervisor Air Support Supervisor Helicopter Coordinator Air Tanker Coordinator 10.	ector	Curtis Coots Ken Crawford / Steve Beall Section Joann Hereford, Rachel Corkill (t) Mandi Heitman
Division/Group Division/Group Division/Group C. Air Operations Branch Dire Air Operations Branch Dire Air Attack Supervisor Air Support Supervisor Helicopter Coordinator Air Tanker Coordinator 10, Chief Time Unit	Finance	Curtis Coots Ken Crawford / Steve Beall Section Joann Hereford, Rachel Corkill (t)
Division/Group Division/Group C. Air Opero Air Operations Branch Dire Air Attack Supervisor Air Support Supervisor Helicopter Coordinator Air Tanker Coordinator 10. Chief Time Unit Procurement Unit	Finance	Curtis Coots Ken Crawford / Steve Beall Section Joann Hereford, Rachel Corkill (t) Mandi Heitman

ICS 203

DIVISION ASSIGNMENT LIST					1. Bran	ch			2. 0	ivision/Group)	
		_			All Divisions					sions		
3. Incident Name					4. Operational Period							
Flat	Fire				Date: July-15/16-2012 Time: 1800 - 0800					0		
5.				Ор	perations Personnel							
Operations Ch	ief		Steve Burns		Division	/Group St	upervisor	William Sc	haal	/ Tyler Att	ebury	(T)
Planning Ops			Robin Wills		Air Atta	ck Super	risor No.					
6.				Res	sources	Assign	ed this Pe	riod				
strike Team/Task F Desigr		е	Leader			Number Persons	Trans. Needed	Drop Off F	Υ./Tim	е	Pick (Jp PT./Time
T SHF 3676C	¥		Sean John	nny		27	N	Per D	Per DIVS Per D		er DIVS	
RF Engine 43	. Oto 2 White		Tim Ritche	Э У		3	N			er DIVS		

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Control Operat		ng con	trol lines.									
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Improve and	d hold existil	ed at De		Cha	annel	Fu	unction	Frequence	/	System		Channel
Improve and Special Instruc ALS ambula	d hold existing ctions: nce is stage	ed at De	el Loma. System	Cho	annel		unction	-	′	System		Channel
Improve and Special Instruction	ctions: nce is stage Frequence RX 168.700	ed at De	el Loma.		annel 1 0.9			RX	′	System		Channel
Improve and Special Instruction Function Command	d hold existing ctions: nce is stage	ed at De	el Loma. System		1			-	/	System		Channel
Improve and Special Instruction Function Command Repeat	ctions: nce is stage Frequence RX 168.700 TX 170.9756	ed at De	el Loma. System		1	To	actical	RX TX				Channel
Improve and Special Instruction Function Command	ctions: nce is stage RX 168.700 TX 170.9750 RX 168.250	ed at De	el Loma. System	11	1	To		RX		System Flat Air/Gra	pund	Channel 9
Improve and Special Instruction Function Command Repeat	ctions: nce is stage Frequence RX 168.700 TX 170.9756	ed at De	el Loma. System Command 1	11	1 0.9	To	actical	RX TX	5N		pund	
Improve and Special Instruction Function Command Repeat	ctions: nce is stage RX 168.700 TX 170.9756 RX 168.250 TX 168.250	ed at De	el Loma. System Command 1	11	1 0.9 7	Air to	actical	RX TX RX 168.7375	5N		und	







FORECAST NO: 3 N

PREDICTION FOR: Sunday Night / Monday Morning Shift

SHIFT DATE: July 15/16, 2012

FORECAST ISSUED: 1000 July 14th . 2012

NAME OF FIRE: Flat Fire UNIT: SHF Big Bar RD

Incident Meteorologist: Jeff Tonkin

WEATHER DISCUSSION:

Weather pattern begins to change tonight as a stronger upper level low pressure system moves south into Northwest CA. Main affects to the fire area tonight will be an increase in marine layer influence and better RH recovery. The upper low will bring cooler and more moist air to the area Tuesday through Wednesday with a chance of rain and isolated thunderstorms. Gusty south and southwest winds at times...mainly above 3500 ft.

WEATHER FORECAST TONIGHT (SUNDAY NIGHT SHIFT):

WEATHER: Clear.

MIN TEMPERATURES: 55 - 59 drainages. 60 - 64 Upper Slopes. MAX HUMIDITY: 80-90% drainages. 53 - 63 % Upper Slopes.

WINDS (EYE LEVEL):

RIDGES/UPPER SLOPES:

West 4 to 6... Gusts to 12 mph early evening... variable 1 to 2 mph after

midnight.

LOWER SLOPE

DRAINAGE:

Trinity River wind west 5 to 8...gusts to 15 mph until 2000 then becoming calm

or downslope 1 to 2 mph.

STABILITY / INVERSION: Morning drainage inversions to about 1800ft.

WEATHER FORECAST MONDAY NIGHT:

WEATHER: Partly cloudy, cooler and more moist.

MIN TEMPERATURES: 52 to 58. MAX HUMIDITY: 50-60%. WINDS (EYE LEVEL):

RIDGETOP -

West 4 to 6 mph early evening... variable 1 to 2 mph after midnight.

VALLEY -

Upslope/Up Canyon 6 to 9...gusts to 15 mph until 1900 then becoming calm.

After midnight...downslope 1 to 2 mph.

OUTLOOK FOR TUESDAY NIGHT: Partly to Mostly Cloudy...a chance of showers or thunderstorms. Temps: 48 to 53. RH: Above 90%. Wind: Southwest 4 to 6 mph...6 to 10 mph above 3500 ft

EXTENDED FORECAST FOR WEDNESDAY THROUGH FRIDAY: Continued cool and moist. Showers Wed. Drier trend beginning Thursday and into Friday. Southwest or downslope winds 6 to 10 mph. Min Temps...43-50. Max RH 100%.

Observations from Last Night (Saturday Night):

Min T

Max RH

Wind Dir.

Wind Speed / Gust / none

Big Bar RAWS (1500 ft):

58

62%

Calm

FIRE BEHAVIOR FORECAST				
FORECAST NUMBER: 06	TYPE OF FIRE: Wildfire			
FIRE NAME: FLAT Fire OPERATIONAL PERIOD: 07/15/12 1800-				
DATE ISSUED: 7/15/12 TIME ISSUED: 1000				
UNIT: Shasta-Trinity NF, Big Bar RD	SIGNED: Jessica Wade (FBAN), John Wood (FBAN-t)			
MEATURN CUMMANY				

WEATHER SUMMARY

~See Attached Weather Forecast ~

Temp: 55-65

Min RH: 80 – 90% drainages, 53 - 63% upper slopes

Eye Level Wind: Westerly river winds 4-6 in the evening. Diminishing after 2400 to downslope 1-2.

FIRE BEHAVIOR

GENERAL:

Light timber litter –

Before Dark head fire rate of spread 5 - 7 ch/hr with appx 3 ft flame lengths After dark head fire rate of spread 1 - 3 ch/hr with appx. 2 ft flame lengths

- Backing/Flanking rate of spread 1 chain/hr with 1' flame lengths can be expected
- Spots Before dark can reach: 3 acres in an hour. After dark: 1/10 acre in an hour
- Snags and green tree root systems are unstable. Spotting and safety hazards exist here.
 - ERC for today for the Shasta-Trinity NF is 69, which is slightly above ave. for this time of year.
 - BI for the Shasta-Trinity NF is 56 which is slightly above average for this time of year.
 - Fine Fuel Moisture for late afternoon is 8%, after sunset is 13%
 - Probability of ignition this evening is 40%, tonight is 20%
 - Live fuel moisture on 7/7/12 in the Manzanita was at 140%

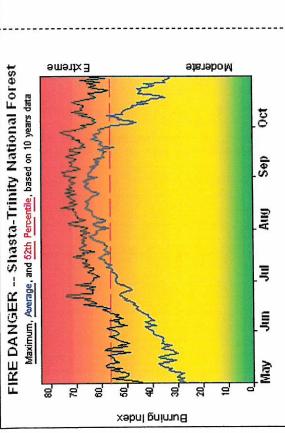
SPECIFIC:

All Divisions -

- > Dead timber litter and fine fuels are the primary carrier of this fire
- > With steep slopes, rollout causing short upslope runs is a high potential.
- > Some torching could occur, generally single-tree where pockets of dead-down fuels are.
- > Upper slopes will be dryer above the inversion and will expect more fire activity tonight.
- > Live fuel moistures in the brush are acting as a heat sink to help reduce fire spread.

SAFETY

Unburned islands continue to pose a threat to firefighters. Sudden increases to fire behavior can compromise your safety and increase spotting.





- Fire Danger Rating Areas:
- 230, 238, 240, 241, 243
- * 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 Buming Index by day for 2000 - 2009

Average -- shows peak fire season over 10 years (1839 observations) 52th Percentile .. Only 48 % of the 1839 days from 2000 - 2009 had an Burning Index above 56

Local Thresholds - Watch out: Combinations

Temperature over 73, Energy Release Component over 72 of any of these factors can greatly increase fire behavior: 20' Wind Speed over 3 mph, RH less than 21%,

Remember what Fire Danger tells you:

calculated from 2 pm temperature, humidity, wind • Burning Index gives day-to-day fluctuations

2008

2006

Years to Remember:

8 2 8 5

daily temperature & rh ranges, and precip duration

✓ Watch local conditions and variations across ✓ Wind is part of BI calculation.

Listen to weather forecasts -- especially WIND. the landscape -- Fuel, Weather, Topography.

Past Experience:

Large fire growth is common under little or no wind conditions. Dry lightning July - September produces multiple starts.

Ten acre fires can begin with BI's in the mid 30's and become more frequent with BI's of 50 or higher. RAMS stations used: Mt. Shasta, Round Mtn. Ash Creek, Big Bar, Hayfork, Yolla Bolla, Friend Mtn, Sugarloaf, Pattymocus.

Moderate

Responsible Agency: Shasta-Trinity National Forest

G - Short-Needle (Heavy Dead)

Fuel Model:

50

Sep

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Design by NWCG Fire Danger Working Team

Ехігете

			Incident Name			Date/Time Prepared	red		Operational Perlod Date/Time
INCIDE	NT RADIO COMM	INCIDENT RADIO COMMUNICATIONS PLAN		CA-SHF-002290	290	07/15/12 1000	2 1000		NIGHT SHIFT 07/15-16/12
	Only frequencies	listed on this 205 are au	Only frequencies listed on this 205 are authorized for use on this incident.	+ :	Radio progra frequencies.	rogrammers a cies.	ccept a	II respo	Radio programmers accept all responsibility for the use of unauthorized frequencies.
Ch #	Function	Channel Name	Assignment	RX Freq N or W	RX Tone	RX Tone TX Freq N or W	TX Tone Mode	Mode	Remarks
-	CMD 1	CMD 1	ALL DIVISIONS	168.7000N		170.9750N	110.9	4	NIFC C-1 ON EAGLE ROCK RD
2	CMD 2	CMD 2	COMMAND ACCESS FR ICP	169.5375N		164.71250N	110.9	4	NIFC C-8 ON WEAVER BALLY
ო	TACTICAL	NIFC T-1	UNASSIGNED	168.0500N		168.0500N		<	
4	TACTICAL	NIFC T-3	DIVISION B	168.6000N		168.6000N		<	
S.	TACTICAL	NIFC T-5	DIVISION C	166.7250N		166.7250N		∢	
9	TACTICAL	NIFC T-6	DIVISION Z	166.7750N		166.7750N		∢	
7	TACTICAL	NIFC T-7	NIGHT ENGINES	168.2500N		168.2500N		∢	
∞	CONTINGENCY	FS R5 T-4	AS ASSIGNED BY OPS	166.5500N		166.5500N		<	IF NEEDED ASSIGNED BY OPS
٥	FLAT A/G	FLAT A/G	ALL DIVISIONS	168.7375N		168.7375N		<	
01	CALCORD	CALCORD	MED HELO CONTACT	156.0750W		156.0750W		4	
=======================================	SHF FOR RPT	SHF RPT	ALTERNATE CMD	171,5750N		169.1000N		⋖	SHOULD INCIDENT CMD FAIL
12	SHF LOCAL IA	NIFC T-2	IA OUTSIDE FLAT INCIDENT	168.2000N		168.2000N		4	TONE 9 IN ICP, 4 OR 5 IN THE FIRE AREA
13	SHF A/G PRI	SHF A/GP	IA ON SHF	167.6000N		167.6000N		⋖	ASSIGNED BY SHF DISP UPON IA
14	URGENT AIR CONTACT	AIR GUARD	ALL DIVISIONS	168.6250N		168.6250N	110.9	∢	USE ONLY FOR URGENT AIRCRAFT IF HAND PROGRAMMING USE TONE I
15	SHF A/G SEC	SHF A/GS	IA ON SHF	166.8750N		166.8750N	*** VIII ***	¥	ASSIGNED BY SHF DISP UPON IA
16	URGENT AIR CONTACT	AIR GUARD	ALL DIVISIONS	168.6250N		168.6250N	110.9	∢	USE ONLY FOR URGENT AIRCRAFT IF HAND PROGRAMMING USE TONE 1
Rick Cartosce	Prepared by Rick Cartoscelli Phil Shafer, COML NorCal IMT 1 2S 205 – 2007H	SML NorCal IMT 1			Incident Location DEL LOMA, CA	incident Location DEL LOMA, CA LAT N40° 47.1009, W123° 20.4566'	009, W123	20.4564	

	1. Incident Name 2. Date				Time Prepared 4. Operational					al Period	
MEDICAL PLAN	Flat Fire		June 15, 20	012		1030 July 1:			5, 2012 800-0800		
		5.	Incident Med	lical Aid S	Station						
Medical Aid Stations			Location		Phone				Param Yes	edics No	
Front Line Medical			Junction Ci	ity Park a	rea	530	530-941-5590				
			6(A). AIR Tra	ansporta	tion						
Name		Location				Ph	one		Param Yes	edics No	
Reach Medivac	Day/Night	Redding				91	1 or 530-6	23-8126	RN		
PHI	Day/Night Redding					91	1 or 530-6	23-8126	RN		
CHP (Hoist)	Redding					91	1 or 530-6	23-8126	Х		
7BL (designated Med				irport	port 928-499-9420					х	
		(S(B). Ground	l Ambula	nces						
Name	Location				Phone				Param Yes	edics No	
Trinity 308 – Incident Amb.					Flat communications or Cell: 530-604-7572				х		
Trinity County Ambulance Weaverville				911 or 530-623-8126			Х				
Hoopa Ambulance Willow Creek			k		911 or 530-625-4180				х		
			7. Ho	spitals							
Name	Address			Travel Tir Air Gr	ne ound	Phone		Helipad Yes	No Ye	rn Center s No	
iviercy ivieucai	2175 Rosaline Ave, Redding N 40° 34.2' / W 122° 23.7'			40 min	1.5 hrs	530-23 (ER)	25-7201	х		Х	
Shasta Regional	1100 Butte st, Redding N 40° 35.1' / W 122° 23.8'			40 min	1.5 hrs	530-244-5400 X			х		
Trinity Hospital	410 N. Taylor st Weaverville Ca			12 min	40 min	530-623-5541 X (ext, 1 for ER)			х		
UC Davis	2315 Stoc	kton Blvd, S	acramento	1.5	6	916-7	34-3636	х	X		
Burn Center	N 38° 33.1	7' / W 121° 2	27.05'	hrs	hrs	916-7	34-3790				
		8. N	ledical Emer	gency Pr	ocedu	ires					
☐ Contact Flat o	communicati	ons and declare	e a medical em	nergency o	n Com	mand, a	dvising your	location an	d situation	on	
		visor will respor						y actions			
		and EMTs will									
		cident Commu						nd transpo	rtation		
		d identify witne	sses for later i							· · · · · · · · · · · · · · · · · · ·	
Prepared by (Medical Unit		1	• •	1		(Safety C	,) h	$(\setminus ())$	1		
Josh Ramey MEDL Ph: 530-277-1213	1	Shuo	Kamas	KICH	KUDIN	SOF	· KI	VIOR	1		

Injury or Incident Communications Protocol

Location			
Situation		-	
Any special equipment required			
Number of injured Type of inj	juries		
Immediate transport required: Yes N	No Best method: Ambulance	Helicopter	<u>Vehicle</u>
Closest pick up point (DP, Helispot)			
LOCResp	Pulse BP	Weight	
Injury			- 7
Medical History/Allergies			
Air Transportation Triage Cont	act EMS Helicopters on Cal	cord (CH10)	

	Air Ambulance	Transport to Med Unit
Mechanism	Struck by tree	Minor dehydration
	Fall of 10' or more	Cut or laceration with bleeding controlled
	Snake bite with pain and swelling	Minor bites and Stings
	Insect bite with shortness of breath	Minor burns
	Signs of heat stroke (hot, dry, disoriented)	
	Burn Injury greater than 1% body area	
Area Injured	Significant Blunt or Penetrating Trauma to	Minor blunt trauma
, a ou mjurou	Head, Neck, Chest, Abdomen or pelvis	Minor penetrating trauma
	Any Arm or Leg fracture	Extremity sprains and strains
Symptoms	Disoriented	Alert and oriented
- jp.tomo	Chest Pain or Shortness of Breath	No shortness of breath
	Weak or absent radial pulse	Good pulses
	Pale cold and sweating	and the second s

Medivac Sites (may need to be cleared or improved)

*DP 6 - N 40°47.18 / W 123°19.06 (Div.Z)

*Sling 1 - N 40°48.59 / W 123°20.05 (Div.B) – Only with significant improvement *DP 5 - N 40°47.51 / W 123°21.02

*Del Loma - N 40°46.67 / W 123°19.92 *Flat ICP (gravel pit) - N 40°43.35 / W 123°02.84

If air or ground ambulance is DELAYED:

Package and transport patient to rendezvous with Incident Ambulance. Re-route EMS helicopter to rendezvous point as appropriate.

If Declaring an "Incident within the Incident"

The closest DIVS will respond to manage the incident. They are responsible for giving an accurate size up, ensuring scene safety, setting priorities and initiating an appropriate response.

The closest Safety Officer and Line EMS will respond to the scene to assist the Branch Director or DIVS. Secure site and begin initial investigation when situation is stabilized.

Flat Fire Incident Risk Analysis (215A)

Div.	LCES Analysis of Tactical Applications	LCES Mitigations/Warnings/Remedies
	(Hazardous Actions or Conditions)	a communication of the communi
All	Hazard Trees	Identify, Flag, Communicate to adjoining
		forces. Do Not work in the area and limit
		exposure when absolutely necessary to be in
		the area
ALL	Steep terrain and Rolling material.	Watch out for rolling material on steep
		terrain igniting fuels below. Keep eyes in the
		green. Stay alert and watch your footing.
		Post lookouts. Have escape routes <u>and make</u>
		them known.
All	Poison Oak	Identify and Avoid Contact when Possible
		Seek Early Treatment in Medical Unit
		Launder Clothing to Avoid Repeat Reaction
B, Z	Terrain Makes Escape Routes to Safety	Pre-plan escape routes and safety zones,
	Zones Long and Difficult	make known to all personnel, as work
		progresses re-evaluate, base distances on
		slowest crew person
B, Z	Cliffs	Give yourself room for recovery. Ensure
		your footing. Stay away if possible.
All	Bees and Snakes	ID EMT personnel on crews. If stung or
		bitten, allergic reactions could become
		extreme within minutes. Evaluate and notify
		Division Supervisor immediately!
52044	Difficult terrain and conditions for	Review Med Plan before the need arises.
All	providing for emergency medical needs.	Limit high risk activities.
All	Highway 299 traffic	Entering and exiting ICP and side roads use
		extreme caution when crossing traffic lanes,
		or merging onto 299.

Date & Time Prepared: July 15, 2012 @ 0920

Prepared By: Richard Rubin, SOF2

Operational Period: July 15, 2012 from 1800-0800

CA-SHF-002290 P5G1YE (0514)

Shasta-Trinity National Forest

Northern California Incident Management Team 1



Today's discussion is from the Miscellanneous Category.

Six Minutes Home Page

General Risk Management

- "Risk management doesn't get in the way of doing the mission it is the way we do the mission."
- Identify the hazards! Make this a mandatory step in your daily decision making routine.
- Assess the risk levels. Exposure time x probability of hazard occurrence = Risk
- Analyze control measures. Limiting exposure is almost always an option
- Make control decisions. Make certain the right person with good information makes the tough calls.
- Implement risk controls. Deliberate actions designed to get the job done safely.
- Supervise and review. Stay on top of the situation and adjust risk controls as necessary.

Communications / Briefings

One of the hallmarks of high reliability organizations (an organization which operates in a hazardous environment, yet accomplishes a very low rate of accidents and incidents) is an understanding of the importance of effective and varied communication.

Good communication patterns have several common elements: frequent briefings, multiple instances and opportunities for shared information, and acknowledgment of the necessity to talk at the individual, team, organizational and system levels.

Good briefings occur both before and after critical events in a system.

Researches who have studied effective crews and teams find that better briefing leads to better performance, particularly when crews or teams work with strangers on fire fighting lines.

Effective leaders establish and reaffirm norms of conduct for behavior in the group, and insist that people keep each other informed on what they were doing and the reasons for their actions, and the situational model that gave rise to those reasons and actions. This would include: 1. Here's what I think we face 2. Here's what I think we should do 3. Here's why 4. Here's what we should keep our eye on 5. Now talk to me

It's everybody's responsibility to challenge and to respond to challenges in a trustworthy manner, and to listen carefully and respectfully to the response.



Northern California IMT 1 reminds all personal 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, Flicker, 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

