

FLAT Fire

Incident Action Plan

JULY 17, 2012

0600 to 2000

Thunderstorms

- Refer to Page 19 of the IRPG
- Heavy Rains Will Affect Roads, Discuss Plans for Orderly Withdrawal.

Hydration

- Even With the Predicted Temperatures lessening, Maintaining proper Hydration is Still Very Important.

Steep Slopes and Rolling Material

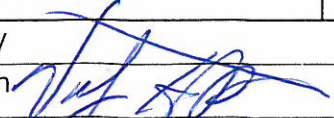
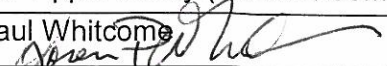
- Burn Operations Increased Potential for Rocks
- Scout Work Area for Potential Hazards
- Communicate the Locations and Avoid them

Hazard Trees


- Fire Weakened Trees ARE Out There
- Identify Areas or Individual Trees
- Communicate Locations
- **DO NOT PARK or WORK IN THESE AREAS**

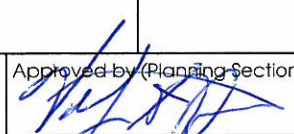
KEEP A HIGH LEVEL OF
SITUATIONAL AWARENESS

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

INCIDENT OBJECTIVES	1. Incident Name	2. Date Prepared	3. Time Prepared		
ICS 202	Flat Incident	07/16/2012	1900		
4. Operational Period					
07/17/2012 Day Shift 0600 - 2000					
5. General Control Objectives for the Incident (include alternatives)					
Control Objectives <ol style="list-style-type: none"> 1. Provide for firefighter and public safety by utilizing the risk management process. 2. Protect private property and infrastructure within or adjacent to the fire area. 3. Protect the Trinity River Wild and Scenic River Corridor. 4. Keep the fire within the established perimeter. 5. Initiate fire suppression damage repair. 					
Management Objectives <ol style="list-style-type: none"> 1. Keep fire suppression expenditures commensurate with resource values at risk. 2. Utilize the weed wash upon demobilization. 					
6. Weather Forecast for Period					
See attached spot weather forecast					
7. General Safety Message					
See attached safety message					
8. Attachments					
x	Organization List-ICS 203	x	Air Ops Plan ICS-220	x	Fire Weather Forecast
x	Division Assignment List-ICS 204	x	Incident Map	x	Fire Behavior Forecast
x	Communications Plan-ICS 205		Traffic Plan		Unit Log ICS-214
x	Medical Plan-ICS 206	x	Safety Message		Vicinity Map
9. Prepared by			10. Approved by (Incident Commander)		
Valery Lambeth 			Paul Whitcome 		

ORGANIZATION ASSIGNMENT LIST	
1. Incident Name Flat Fire	
2. Date July 16, 2012	3. Time 1830
4. Operational Period Day Shift July 17, 2012, 0600-2000	
Position	Name
5. Incident Commander and Staff	
Incident Commander	Paul Whitcome, Steve Burns (t)
Deputy	Mike Minton
Safety Officer	Rich Rubin, Jeff Barnhart, Dave Kirste, Mike Frederick (t)
Information Officer	Jim Mackenson, Phyllis Swanson
Liaison Officer	Kent Swartzlander
6. Agency Representative	
Agency Admin.	Tina Lynsky
Resource Advisors	Eric Wiseman, Mark Arnold
Trinity Co. Sheriff and OES	Larry Masterman
Calif. OES Rep.	
Cal Fire Rep.	Andy Reiling
Trinity County Sup.	Debra Chapman
Cal Trans Rep.	Joe Baltazar
7. Planning Section	
Chief	Valery Lambeth
Deputy	Dave Sinclair
Resources Unit	Gary Deboi, Chris Wikeen (t)
Situation Unit	Walter Herzog(t)
Documentation Unit	Louann Charbonnier
Demobilization Unit	Melissa Hennessey
Human Resources	
Training	Julie Buel
CTSP	George Steel
GIS	Kyle Felker , Melanie Hans
FBAN	Jessica Wade, John Wood (t)
IMET	Jeff Tonkin
8. Logistics 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 (t), Patrick Howard (t)
Communications Unit	Rick Cartoscelli, Phil Shafer
Medical Unit	Josh Ramey, Clayton Thomas
Receiving & Distribution	Fred Johnson
Security Unit	Gary Skunkcap
Food Unit	Jay Westlake
9. Operations Section	
Chief	Alec Lane
Planning Ops	Robin Wills
a. Branch 1 - Division/Groups	
Branch Director	DAY SHIFT
Division/Group A	Mark Vardanega, Mike Klimek(t)
Division/Group B	Randy Jennings, Don Fregulia(t)
Division/Group Z	Rico Gonzalez, Kyle Jacobson(t)
Division/Group Structure	Jeffrey Hinson, Mike Hughes(t)
Division/Group	
b. Branch 2 - Division/Groups	
Branch Director	NIGHT SHIFT
Deputy	
Division/Group All Divisions	William Schaal / Tyler Attebury(t)
Division/Group	
Division/Group	
Division/Group	
Division/Group	
c. Air Operations Branch	
Air Operations Branch Director	Curtis Coots
Air Attack Supervisor	
Air Support Supervisor	Ken Crawford
Helicopter Coordinator	
Air Tanker Coordinator	
10. Finance Section	
Chief	Joann Hereford, Rachel Corkill (t)
Time Unit	Mandi Heitman
Procurement Unit	Katie Pasini
Compensation/Claims Unit	Millie Ferguson
Equipment Time	Nicole Savage (t)
Prepared by (Resource Unit Leader) Gary R. Deboi / Chris Wikeen (t)	

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group A		
3. Incident Name Flat Fire			4. Operational Period Date: July 17, 2012 Time: 0600 - 2000				
5. Operations Personnel							
Operations Chief		Alec Lane		Division/Group Supervisor		Mark Vardanega / Mike Klimek (†)	
Planning Ops		Robin Wills		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
Iron Mountain T2IA	David Halcomb		19	N	Per DIVS		Per DIVS
PAS #4 T2IA	James Stiteler / Floyd Hartman (†)		20	N	Per DIVS		Per DIVS
SOFR	Larry Dorshorst		1	N	Per DIVS		Per DIVS
TFLD	Jesse Knox		1	N	Per DIVS		Per DIVS
EMT-P	Emily Geries		1	N	Per DIVS		Per DIVS
EMT-B	Alex Lynn		1	N	Per DIVS		Per DIVS
7. Control Operations							
<ul style="list-style-type: none"> Continue mop up, securing control lines 200 feet from perimeter. Fell remaining fire weakened trees. Complete suppression repair. 							
Special Instructions:							
<ul style="list-style-type: none"> Backhaul hose, appliances and excess equipment. ALS ambulance staged at Del Loma. 							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command Repeat	RX 168.7000N TX 170.9750N	Command 1	1 110.9 Tone 1	Backup Command	RX TX		
Tactical Div/Group	RX 168.0500N TX 168.0500N	NIFC T-1	3	Air to Ground	RX 168.7375N TX 168.7375N	Flat Air/Ground	9
Prepared by (Resource Unit Leader) Gary R. Deboi & Chris Wikeen (†)			Approved by (Planning Section Chief) 		Date July 16, 2012		Time 1730

SDIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group B			
3. Incident Name Flat Fire		4. Operational Period Date: July 17, 2012 Time: 0600 - 2000					
5. Operations Personnel							
Operations Chief	Alec Lane	Division/Group Supervisor		Randy Jennings / Don Fregulia (†)			
Planning Ops	Robin Wills	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		
Happy Camp #2 T2IA	Damon McCartney	20	N	Per DIVS	Per DIVS		
SHF Engine 331	Brian Carman	5	N	Per DIVS	Per DIVS		
EMT-P	Brad Setterland	1	N	Per DIVS	Per DIVS		
7. Control Operations							
<ul style="list-style-type: none"> Continue mop up, securing control lines 200 feet from perimeter. Fell remaining fire weakened trees. Complete suppression repair. 							
Special Instructions:							
<ul style="list-style-type: none"> Backhaul hose, appliances and excess equipment. ALS ambulance staged at Del Loma. 							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command Repeat	RX 168.7000N TX 170.9750N	Command 1	1 110.9 Tone 1	Backup Command	RX TX		
Tactical Div/Group	RX 168.6000N TX 168.6000N	NIFC T-3	4	Air to Ground	RX 168.7375N TX 168.7375N	Flat Air/Ground	9
Prepared by (Resource Unit Leader) Gary R. Deboi & Chris Wikeen (†)		Approved by (Planning Section Chief) 		Date July 16, 2012		Time 1800	

DIVISION ASSIGNMENT LIST	1. Branch	2. Division/Group Z
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3. Incident Name Flat Fire	4. Operational Period Date: July 17, 2012 Time: 0600 - 2000
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5. Operations Personnel

Operations Chief	Alec Lane	Division/Group Supervisor	Rico Gonzalez / Kyle Jacobson (†)
Planning Ops	Robin Wills	Air Attack Supervisor No.	

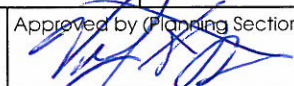
6. Resources Assigned this Period

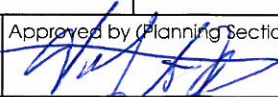
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
Fulton IHC	Ron Bollier	18	N	Per DIVS	Per DIVS
Smith River IHC	Glen Tingley	19	N	Per DIVS	Per DIVS
El Cariso IHC	Jay Bertek	19	N	Per DIVS	Per DIVS
Black Mesa IHC	Frank Auza	20	N	Per DIVS	Per DIVS
MAS #1 T2IA	Shawn Bush, Aaron Whiddan (†)	20	N	Per DIVS	Per DIVS
NHS #2 T2IA	Jim Litevich	20	N	Per DIVS	Per DIVS
OHS #1 T2IA	Aaron Kloss / Brian Porter (†)	19	N	Per DIVS	Per DIVS
Firestorm #5 T2IA	Stan Hankins	20	N	Per DIVS	Per DIVS
ANF ST 1610C	Bruce Steinberg / Darren Kaye (†)	27	N	Per DIVS	Per DIVS
WT Cattaneo (E-24)	Ed Swanson	1	N	Per DIVS	Per DIVS
WT Cattaneo (E-31)	Shawn Williamson	1	N	Per DIVS	Per DIVS
SFH Dozer 29	Dave Brown	2	N	Per DIVS	Per DIVS
Fallers Shasta Brown	Michael Brown / Richard Bolton	2	N	Per DIVS	Per DIVS
North Zone Fallers	Jess Lowry / Kent Parker	2	N	Per DIVS	Per DIVS
FELB	Carrie Roose	1	N	Per DIVS	Per DIVS
FELB	Chris Stevens	1	N	Per DIVS	Per DIVS
TFLD	Keith Dietz	1	N	Per DIVS	Per DIVS
TFLD	Jeff St. Clare	1	N	Per DIVS	Per DIVS
SOFR	Don Tashima	1	N	Per DIVS	Per DIVS
EMT-P	Jody Hughes	1	N	Per DIVS	Per DIVS
EMT-B	Kirk Potter	1	N	Per DIVS	Per DIVS

7. Control Operations
- Secure and improve control lines
 - Begin mop up 200'
 - Fell fire weakened trees

- Special Instructions:
- Backhaul all trash and unnecessary equipment
 - ALS ambulance staged at Del Loma.

Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command Repeat	RX 168.7000N TX 170.9750N	Command 1	1 110.9 Tone 1	Backup Command	RX TX		
Tactical Div/Group	RX 166.7750N TX 166.7750N	NIFC T-6	6	Air to Ground	RX 168.7375N TX 168.7375N	Flat Air/Ground	9

Prepared by (Resource Unit Leader) Gary R. Deboi & Chris Wikeen (†) ICS 204	Approved by (Planning Section Chief) 	Date July 16, 2012	Time 2000 NEES 1328
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DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group Structure			
3. Incident Name Flat Fire		4. Operational Period Date: July 17, 2012 Time: 0600 - 2000					
5. Operations Personnel							
Operations Chief	Alec Lane	Division/Group Supervisor		Jeffrey Hinson / Mike Hughes (t)			
Planning Ops	Robin Wills	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		
PAS#3 T2IA	Joe Kellert	20	N	Per DIVS	Per DIVS		
SRF Engine 32	James Collins	5	N	Per DIVS	Per DIVS		
SNF Engine 41	Carlos Cabanas	5	N	Per DIVS	Per DIVS		
SNF Engine 42	Richard Morris	5	N	Per DIVS	Per DIVS		
SNF Engine 53	Thomas Goode	5	N	Per DIVS	Per DIVS		
SNF Engine 14	Harvey McGovran	5	N	Per DIVS	Per DIVS		
SRF Engine 351	Harold Reed/Matt Salmon(t)	5	N	Per DIVS	Per DIVS		
WT 35 (SRF)	Earnest Kurran	1	N	Per DIVS	Per DIVS		
WT 36 (SHF)	Kirby Bennett	1	N	Per DIVS	Per DIVS		
WT Let *ER Buck (E-30)	Steve Lassen	1	N	Per DIVS	Per DIVS		
WT CJ Fire Support (E-28)	Chris Hall	1	N	Per DIVS	Per DIVS		
WT CJ Fire Support (E-29)	Red Jackson	1	N	Per DIVS	Per DIVS		
DOZB	Jacob Ching	1	N	Per DIVS	Per DIVS		
TFLD	Ken Watkins/David Dukart (t)	2	N	Per DIVS	Per DIVS		
Fellers North Zone Fallers	Jeremy Mason/Tom Neely	2	N	Per DIVS	Per DIVS		
7. Control Operations							
<ul style="list-style-type: none"> Continue mop up, securing control lines 200' from the perimeter Fell remaining fire weakened trees Complete fire suppression repair Back haul hose, appliances and excess equipment 							
Special Instructions:							
<ul style="list-style-type: none"> Back haul hose, appliances and excess equipment ALS ambulance staged at Del Loma. 							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command Repeat	RX 168.7000N TX 170.9750N	Command 1	1 110.9 Tone 1	Backup Command	RX TX		
Tactical Div/Group	RX 168.2500N TX 168.2500N	NIFC T-7	7	Air to Ground	RX 168.7375N TX 168.7375N	Flat Air/Ground	9
Prepared by (Resource Unit Leader) Gary R. Deboi & Chris Wikeen (t)		Approved by (Planning Section Chief) 		Date July 16, 2012		Time 1930	



Flat Fire Incident Weather Forecast



FORECAST NO: 4 D
 PREDICTION FOR: Tuesday Day Shift
 SHIFT DATE: July 17, 2012
 FORECAST ISSUED: 1800 July 16th, 2012

NAME OF FIRE: Flat Fire
 UNIT: SHF Big Bar RD
 Incident Meteorologist: Jeff Tonkin

WEATHER DISCUSSION: Cool and moist conditions can be expected through the day. The current weather system will persist over the region through Wednesday before exiting on Thursday. Friday will see a return to near normal conditions...with a continued trend toward warm and dry weather through the weekend. A threat of dry thunderstorms exists for Sunday and Monday as mid level sub-tropical moisture moves up the state and across northwest CA.

WEATHER FORECAST TODAY (TUESDAY DAY SHIFT):

WEATHER: Mostly cloudy, cooler, rain at times and a chance of wet thunderstorms.
 MAX TEMPERATURES: 69 – 76.
 MIN HUMIDITY: 46 – 57%. Much higher during and after rain.

WINDS (EYE LEVEL): Upper Slopes - South and Southwest 7 to 12 mph...gusts to 15.

Drainages - Light and variable until 1100PDT...Then Southeast to Southwest 5 to 8 mph
 ...gusts 8 to 13 mph.

STABILITY / INVERSION: Moderately Un-Stable. Very shallow to no inversions.
 LAL: 2
 FORECASTED PRECIP AMOUNT AT BIG BAR: 0.19 inches.

WEATHER FORECAST WEDNESDAY:

WEATHER: Mostly Cloudy and warmer. A slight chance of showers.
 MAX TEMPERATURES: 78 – 84.
 MIN HUMIDITY: 29 - 34%.
 WINDS (EYE LEVEL):
 RIDGETOP - South 8 to 12 mph...Gusts to 20 mph.
 DRAINAGE - South or Southwest 4 to 8 mph. Gusts 10 to 14 mph.

OUTLOOK FOR THURSDAY: Mostly sunny and warmer. Max Temps: 88 to 94. Min RH: 24-30%.
 Wind: Mainly west and southwest 4 to 8 mph...gusts to 15 mph after 1400 PDT along the 299 Corridor.

EXTENDED FORECAST FOR FRIDAY THROUGH SUNDAY: Sunny with afternoon cumulus. Trending a little warmer and drier each day. Max Temps...92 to 98. Min RH 15-20%. Wind mainly upslope or west 4 to 8 mph with gusts to 12 mph after 1500 PDT. A slight chance of dry thunderstorms on Sunday.

Observations from Yesterday (Monday)

	<u>Max T</u>	<u>Min RH</u>	<u>Wind Dir.</u>	<u>Wind Speed / Gust</u>
Big Bar RAWS (2700 ft) :	91	26%		SW 5-9 mph / 12-14

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 08	TYPE OF FIRE: Wildfire
FIRE NAME: FLAT Fire	OPERATIONAL PERIOD: 07/17/12 0600-2200
DATE ISSUED: 7/16/12	TIME ISSUED: 1900
UNIT: Shasta-Trinity NF, Big Bar RD	SIGNED: Jessica Wade (FBAN), John Wood (FBAN-t)

WEATHER SUMMARY

~See Attached Weather Forecast ~

Temp: Around 76

Min RH: 46% to 57%.

Eye Level Wind: Ridges- S-SW 7-12 Gust 15; Drainages- West 5-8 Gust 8-13 along river.

*** .15 inches of rain predicted***

FIRE BEHAVIOR

GENERAL:

- Light timber litter:
 - High humidity conditions - Head fire spread rates near 1 ch/hr with approx. ½ ft. flame lengths.
 - Spotting Distance: Minimal distance today, however spots from Monday could be ¼ mile away
- >> ERC forecast is 62 for the Shasta-Trinity NF which is slightly below average for this time of year.
>> BI forecast is 53 on the Shasta-Trinity NF which is slightly below average for this time of year.
>> Fine Fuel Moisture for this afternoon is 10%
>> Probability of ignition is 30%.
>> Live fuel moisture measured on 7/7/12 in the Manzanita was at 140%

SPECIFIC Fire Behavior:

Division A, B and Structure Division – Repair work continues in these divisions. Expected fire behavior in these divisions will be constrained to smoldering and creeping in heavies and sheltered duff further in than where crews have worked.

Division Z – Firing was completed toward the end of the shift yesterday and burn down of fuels is ongoing. Potential exists for falling trees and rolling materials to cross the line. Be extra cautious behind the structures in Del Loma. Heavies will continue to burn and there is potential to get smoldering in sheltered areas. Pockets may continue to burn out if they are sheltered.

AIR OPERATIONS

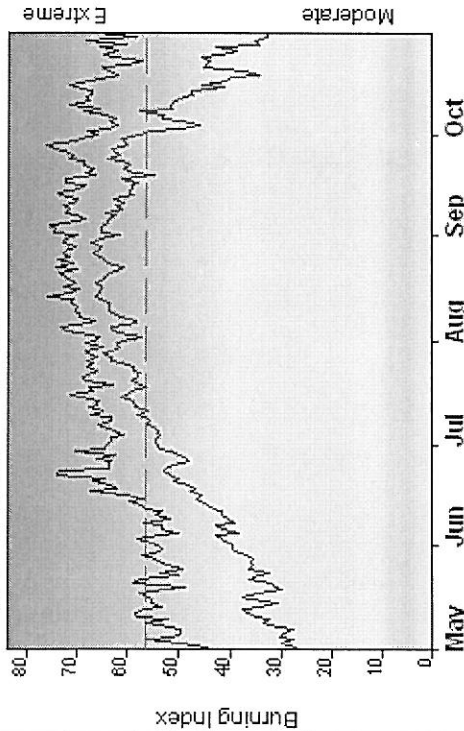
Smoke may mix with clouds and create a visibility hazard.

SAFETY

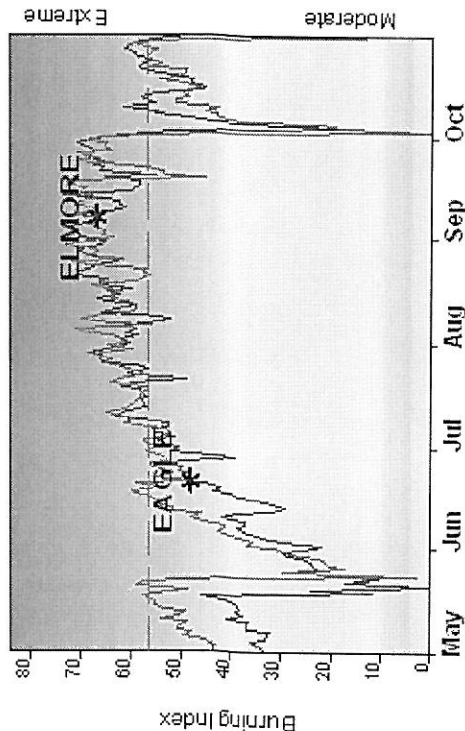
Stump holes can burn very hot and quickly cause injury. Watch your footing and be aware of the signs of intense burning such as white ash.

FIRE DANGER -- Shasta-Trinity National Forest

Maximum, Average, and 52th Percentile, based on 10 years data



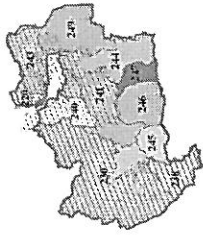
Years to Remember: 2006 2008



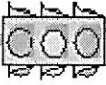
Fuel Model: G - Short-Needle (Heavy Dead)

Fire Danger Area:

- ◆ Fire Danger Rating Areas: 230, 238, 240, 241, 243
- ◆ * Meets NWCG Wx Station Standards



Fire Danger Interpretation:



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

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

Remember what Fire Danger tells you:

- ✓ Burning Index gives day-to-day fluctuations calculated from 2 pm temperature, humidity, wind, daily temperature & rh ranges, and precip duration.
- ✓ Wind is part of BI calculation.
- ✓ Watch local conditions and variations across the landscape -- Fuel, Weather, Topography.
- ✓ Listen to weather forecasts -- especially WIND.

Past Experience:

Dry lightning July - September produces multiple starts.
Large fire growth is common under little or no wind conditions.
Ten acre fires can begin with BI's in the mid 30's and become more frequent with BI's of 50 or higher.

RAMIS stations used: Mt. Shasta, Round Mtn, Ash Creek, Big Bar, Hayfork, Yolla Bolla, Friend Mtn, Sugarloaf, Partymocus.

Responsible Agency: Shasta-Trinity National Forest

Design by NWCG Fire Danger Working Team

INCIDENT RADIO COMMUNICATIONS PLAN			Incident Name FLAT		CA-SHF-002290		Date/Time Prepared 07/16/12 1600		Operational Period Date/Time DAY SHIFT 07/17/12	
Only frequencies listed on this 205 are authorized for use on this incident.										
Ch #	Function	Channel Name	Assignment	RX Freq N or W	RX Tone	TX Freq N or W	TX Tone	Mode	Remarks	
1	CMD 1	CMD 1	ALL DIVISIONS	168.7000N		170.9750N	T1, 110.9	A	COVERS FIRE AREA	
2	CMD 2	CMD 2	COMMAND ACCESS FR ICP	169.5375N		164.71250N	T1, 110.9	A	COVERS TRAVEL ROUTE AND IN CAMP	
3	TACTICAL	NIFC T-1	DIVISION A	168.0500N		168.0500N		A		
4	TACTICAL	NIFC T-3	DIVISION B	168.6000N		168.6000N		A		
5	CONTINGENCY TAC	NIFC T-5	UNASSIGNED	166.7250N		166.7250N		A	IF NEEDED ASSIGNED BY OPS	
6	TACTICAL	NIFC T-6	DIVISION Z	166.7750N		166.7750N		A		
7	TACTICAL	NIFC T-7	STRUCTURE DIVISION	168.2500N		168.2500N		A		
8	WT TRAVEL TAC	FS R5 T-4	WTs ON ROAD 5N13	166.5500N		166.5500N		A	TRAFFIC FLOW CONTROL ON FRENCH CR ROAD	
9	FLAT A/G	FLAT A/G	ALL DIVISIONS	168.7375N		168.7375N		A		
10	CALCORD	CALCORD	MED HELO CONTACT	156.0750W		156.0750W		A		
11	SHF FOR RPT	SHF RPT	ALTERNATE CMD	171.5750N		169.1000N		A	ZONE 9 IN ICP, 4 OR 5 IN THE FIRE AREA	
12	SHF LOCAL IA	NIFC T-2	IA OUTSIDE FLAT INCIDENT	168.2000N		168.2000N		A		
13	SHF A/G PRI	SHF A/GP	IA ON SHF	167.6000N		167.6000N		A	ASSIGNED BY SHF DISP UPON IA	
14	URGENT AIR CONTACT	AIR GUARD	ALL DIVISIONS	168.6250N		168.6250N	T1, 110.9	A	USE ONLY FOR URGENT AIRCRAFT IF HAND PROGRAMMING USE TONE 1	
15	SHF A/G SEC	SHF A/GS	IA ON SHF	166.8750N		166.8750N			ASSIGNED BY SHF DISP UPON IA	
16	URGENT AIR CONTACT	AIR GUARD	ALL DIVISIONS	168.6250N		168.6250N	T1, 110.9	A	USE ONLY FOR URGENT AIRCRAFT IF HAND PROGRAMMING USE TONE	

Incident Location

Prepared by

 Rick Caroscelli/Phil Shaffer, COML NetCdr IMT 1

DEL LOMA, CA LAT N40° 47.1009, W123° 20.4566'

AIR OPERATIONS SUMMARY PREPARED BY: Ken Crawford PREPARED DATE/TIME: 7/16/12 18:00

1. INCIDENT NAME: Flat 2. OPERATIONAL PERIOD DATE: 7/17/12 START TIME:0600 END TIME:2000 SUNRISE: 05:25 SUNSET: 20:00

3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.):
 Ensure to conduct a high level recon before for descending into the Trinity River Corridor. THINK WIRES!
 Initial Attack responsibility area consists of the TFR perimeter.
 Watch for intruder aircraft within TFR.
 Ensure ground personnel are working with aviation assets when conducting bucket drops.
 Divisions order backhaul request directly through Helibase.
 Divisions order logistical support through communications

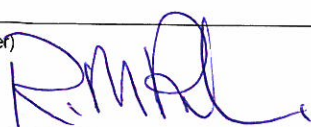
4. MEDEVAC A/C:
 7BL
 Internal litter capability

5. TFR: Radius: 5 NM
 Notam 2/7288
 Altitude: 8000 = MSL
 Centerpoint: Lat: 40 47.00N
 Long: 123 21.00W

6. PERSONNEL	Phone	7. FREQUENCIES	AM	FM	8. FIXED-WING	# Avail / Type/Make-Model / FAA N# / Base(s)
AOBD:		AIR/AIR FW:		168.6375 (A-16)	Airtankers	TBA
ATGS: Paul Thornton O-111	530 524-9577	AIR/AIR RW:	128.075 (A-24)		Leadplanes	TBA
ATGS: Peter Koerber A-37.5	530-277-9261	AIR/GROUND:		168.7375 (A-17)	Base FAX #:	
ASGS: Ken Crawford	(530) 412-2534 (530) 598-9231	AIR/AIR TFR:	123.7250 (A-15)		ATGS Aircraft	N1385L (A-29) 507 Relief (A-28)
HEB-1 Jeff Quick	(928) 499-9420	COMMAND RPT	Rx:168.7000 Tx:170.9750	Tone 110.9	Other	Helicopters on ground by 2045 hrs
HEB-2 (T) Virgil Lookingback	(928) 899-0810	DECK FREQ:	163.100	163.100		
ATB MGR: Lisa Smith	(530) 226-2796	TOLC FREQ:				

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
(A-5) 7BL	3	Bell L4	054	0700	0800	Recon/Medivac/ IA							
(A-26) N20PA	2	Bell 212 HP Standard Cat	054	0700	0800	Tank/IA							

MEDICAL PLAN	1. Incident Name	2. Date Prepared	3. Time Prepared	4. Operational Period					
	Flat Fire	June 16, 2012	1900	July 17, 2012 0600-2000					
5. Incident Medical Aid Station									
Medical Aid Stations		Location	Phone	Paramedics					
				Yes	No				
Front Line Medical		Junction City Park area	530-941-5590	X					
6(A). AIR Transportation									
Name		Location	Phone	Paramedics					
				Yes	No				
Reach Medivac	Day/Night	Redding	911 or 530-623-8126	RN					
PHI	Day/Night	Redding	911 or 530-623-8126	RN					
CHP (Hoist)		Redding	911 or 530-623-8126	X					
7BL (designated Medivac)		Helibase – Weaverville airport	928-499-9420		X				
6(B). Ground Ambulances									
Name		Location	Phone	Paramedics					
				Yes	No				
Trinity 308 – Incident Amb.		Del Loma	Flat communications or 530-623-8126	X					
Trinity County Ambulance		Weaverville	911 or 530-623-8126	X					
Hoopa Ambulance		Willow Creek	911 or 530-625-4180	X					
7. Hospitals									
Name		Address	Travel Time		Phone	Helipad		Burn Center	
			Air	Ground		Yes	No	Yes	No
Mercy Medical Level 2 Trauma Center		2175 Rosaline Ave, Redding N 40° 34.2' / W 122° 23.7'	40 min	1.5 hrs	530-225-7201 (ER)	X			X
Shasta Regional		1100 Butte st, Redding N 40° 35.1' / W 122° 23.8'	40 min	1.5 hrs	530-244-5400	X			X
Trinity Hospital		410 N. Taylor st Weaverville Ca N 41°15. 48' / W 122°16.15'	12 min	40 min	530-623-5541 (ext, 1 for ER)	X			X
UC Davis Burn Center		2315 Stockton Blvd, Sacramento N 38° 33.17' / W 121° 27.05'	1.5 hrs	6 hrs	916-734-3636 916-734-3790	X		X	
8. Medical Emergency Procedures									
<input type="checkbox"/> Contact Flat communications and declare a medical emergency on Command, advising your location and situation <input type="checkbox"/> The closest Division Supervisor will respond to the location to take control and direct necessary actions <input type="checkbox"/> The closest Safety Officer and EMTs will respond to the location to assist with patient care <input type="checkbox"/> Use the attached Injury/Incident Communications Worksheet to coordinate appropriate care and transportation <input type="checkbox"/> Secure the scene area and identify witnesses for later investigation – Keep a log									
Prepared by (Medical Unit Leader)					10. Reviewed by (Safety Officer)				
Clayton Thomas MEDL Ph: 530-906-6964					Rich Rubin SOF 2 				

Injury or Incident Communications Protocol

Location _____

Situation _____

Any special equipment required _____

Number of injured _____ Type of injuries _____

Immediate transport required: Yes No Best method: Ambulance Helicopter Vehicle

Closest pick up point (DP, Helispot) _____

LOC _____ Resp. _____ Pulse _____ BP _____ Weight _____

Injury _____

Medical History/Allergies _____

Air Transportation Triage Contact EMS Helicopters on Calcord (CH10)

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

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 (Hazardous Actions or Conditions)	LCES Mitigations/Warnings/Remedies
All	Hydration	<ul style="list-style-type: none"> • Dehydration is preventable. Drink a minimum of 250ml/hour; $\frac{1}{4}$ of canteen • Drink water & Sports drinks before, during, and after shifts. (2 waters to 1 sports drink)
All	Thunderstorms	<ul style="list-style-type: none"> • Use the 30/30 rule. <ol style="list-style-type: none"> 1. If thunder follows flashes of lightning within 30 seconds seek shelter. 2. Do not resume work until 30 minutes after storm passes. • Use IRPG for appropriate Hazard Controls.
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 Zones Long and Difficult	Pre-plan escape routes and safety zones, make known to all personnel, as work progresses re-evaluate, base distances on slowest crewperson
B, Z	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 and make them known.
All	Bees and Snakes	ID EMT personnel on crews. If stung or bit, reactions could become extreme within minutes. Evaluate and notify Division Supervisor immediately!
All	Difficult terrain and conditions for providing for emergency medical needs.	Review Med Plan before the need arises. Limit high risk activities. Identify Medivac sites and provide info to you DIVS.
All	Hazard Trees	Identify, Flag, Communicate to adjoining forces, and mitigate if safe to do so. Limit exposure. Use qualified fallers
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 16, 2012 @ 1800

Prepared By: M.S. Frederick, SOF2 (T)

Operational Period: July 17, 2012 from 0600-2000

CA-SHF-002290 P5G1YE (0514)
 Shasta-Trinity National Forest
 Northern California Incident Management Team 1



Today's discussion is from the
Miscellaneous Category.

Six Minutes Home Page

DRIVING SAFETY

Driving is one of the most hazardous tasks that we perform when assigned to fires. Because of the fact that we perform the task literally hundreds of times in the course of our daily lives we tend to take it for granted. Based on recent accident trends, vehicle accidents are the source of more deaths and serious injuries to wildland firefighters than any other single cause. Vehicle operators need to recognize their own poor driving habits and strive to develop proper defensive driving techniques.

- A good starting point is attitude. A positive attitude towards improving your defensive driving skills will help you achieve the necessary changes in your driving habits. Most of what you do in operating vehicles is performed from habit. You do not consciously think about every thing you do when you drive. Rather, your subconscious performs most techniques. It's important to remember that a bad habit is as easy to develop as a good one. Take a good, hard look at your driving habits. Are you training yourself to do the right things the right way, like fastening your seat belt, checking your mirrors, and maintaining safe following distances?
- Inattentiveness is a major contributing factor in motor vehicle accidents within the wildland firefighting community. Because driving is such a common component of our lives, it is difficult to realize that it requires 100% of our attention. Since the average adult attention span is 15-20 minutes we must develop techniques that allow us to refocus our attention on the task at hand, operating a motor vehicle safely. There are many forms of inattentive driving; fatigue, telematics, daydreaming, eating, drinking, reading, writing, and talking. Here are some techniques for maintaining your attention while driving.
 - Drive only when you are well rested and alert; avoid driving during the hours of 10:00 PM and 6:00 AM. Take a 10 to 15 minute break after every 2 hours of driving.
 - Practice situational awareness when driving; be aware of what is happening in front, behind, and on both sides of your vehicle. Never drive when taking medications that make you drowsy.
 - Avoid using cell phones, radios, GPS units, CD players or computers while driving. Have a passenger operate them, or pull off the road and park.
 - By constantly moving your vision, checking mirrors and distant road conditions, you can avoid highway hypnosis and daydreaming.
 - Avoid eating or drinking while driving. Take frequent breaks to perform these activities.
 - Do not attempt to read maps or write directions while driving, pull over and park.
 - When talking with passengers, keep your eyes on the road and both hands on the steering wheel. Keep conversations causal and limited to small talk. Avoid conversations of a serious or technical nature. Do not engage in confrontational or argumentative conversations.
 - Do not be in a hurry, be patient. The more impatient you are, the more agitated you can become. Agitation will only magnify other inattentive driving behaviors.

TRAINING SPECIALIST MESSAGE

BEAT THE RUSH !

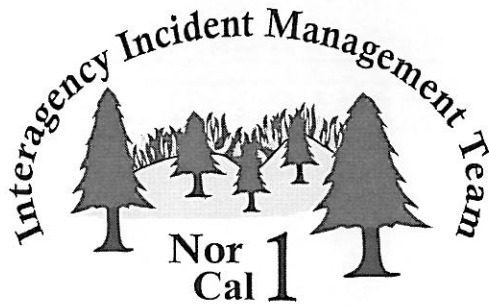
If as much work as possible has been completed in the position task book and you know your demob date, Trainees may close their assignment with the TNSP prior to the demob process.

Bring the following to the exit interview

- A completed and signed Performance Evaluation
- A completed Exit Interview Form
- Your Task Book, filled in by your trainer
- Your Trainer

Forms are available at the Training Unit

Julie Buel
Training Specialist



SOCIAL MEDIA

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, 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

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 (4-6 inches) wide and 12-24 inches high for handlines.

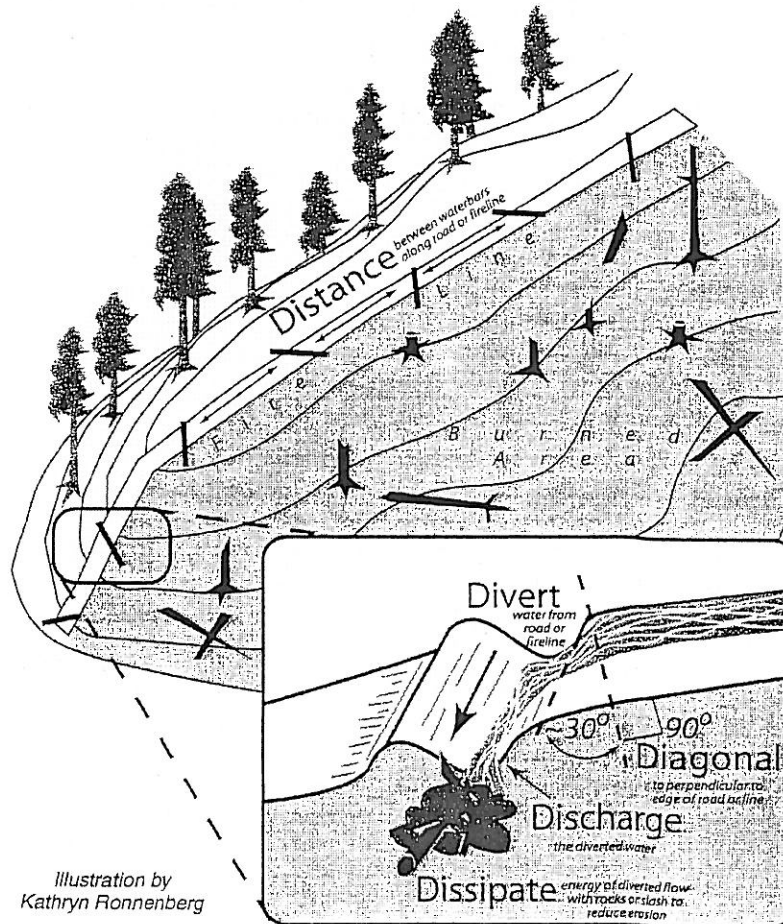


Illustration by
Kathryn Ronnenberg