

# FLAT Fire

## Incident Action Plan

JULY 19, 2012

0600 to 2200

### Remember to:

- Brief on Your Assignment and Provide Updates to Your Supervisor
- Establish L.C.E.S

### DIFFICULT TERRAIN and CONDITIONS FOR PROVIDING EMS

- Review Medical Plan and Communications Protocol
- Identify Medivac Sites and Provide Info to DIVS
- Limit High Risk Activities

### HAZARD TREES


- Identify, Flag, Avoid and Communicate to Others
- Mitigate IF Safe. Use Qualified Fallers

KEEP A HIGH LEVEL OF  
SITUATIONAL AWARENESS

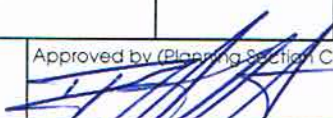
CA-SHF-002290 P5G1YE (0514)  
SHASTA-TRINITY NATIONAL FOREST



<b>INCIDENT OBJECTIVES</b>	1. Incident Name	2. Date Prepared	3. Time Prepared		
ICS 202	<b>Flat Incident</b>	<b>07/18/2012</b>	<b>1830</b>		
4. Operational Period					
<b>07/19/2012 Day Shift 0600-2200</b>					
<b>Control Objectives</b>					
<ol style="list-style-type: none"> <li>1. Provide for firefighter and public safety by utilizing the risk management process.</li> <li>2. Protect private property and infrastructure within or adjacent to the fire area.</li> <li>3. Protect the Trinity River Wild and Scenic River Corridor.</li> <li>4. Keep the fire within the established perimeter.</li> <li>5. Complete fire suppression damage repair.</li> </ol>					
<b>Management Objectives</b>					
<ol style="list-style-type: none"> <li>1. Keep fire suppression expenditures commensurate with resource values at risk.</li> <li>2. Utilize the weed wash upon demobilization.</li> </ol>					
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	Spot Weather Forecast
x	Division Assignment List-ICS 204	x	Incident Map		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)		
Tim Ritchey			Stew Richter		


ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. Incident Name <b>Flat Fire</b>		Chief	Jeff Hinson
2. Date <b>July 18, 2012</b>		Planning Ops	
3. Time <b>1830</b>		<b>a. Branch 1 - Division/Groups</b>	
4. Operational Period <b>EXTENDED Day Shift July 19, 2012, 0600-2200</b>		Branch Director	
Position	Name	Division/Group	A
			Jeff St. Clair
		Division/Group	B
			Ezra Stiles
		Division/Group	Z
			Kyle Jacobson
		Division/Group	
		Division/Group	
<b>5. Incident Commander and Staff</b>		<b>b. Branch 2 - Division/Groups</b>	
Incident Commander	Stew Richter, Billy Gardunio (f)	Branch Director	
Deputy		Deputy	
Safety Officer	Larry Dorshorst	Division/Group	
Information Officer		Division/Group	
Liaison Officer		Division/Group	
<b>6. Agency Representative</b>		Division/Group	
Agency Admin.	Tina Lynsky	Division/Group	
Resource Advisors	Eric Wiseman, Mark Arnold	Division/Group	
Cal Fire Rep.	Andy Reiling	Division/Group	
Trinity County Sup.	Debra Chapman	Division/Group	
Cal Trans Rep.	Joe Baltazar	Division/Group	
<b>7. Planning Section</b>		<b>c. Air Operations Branch</b>	
Chief	Tim Ritchey	Air Operations Branch Director	
Deputy		Air Attack Supervisor	
Resources Unit	Sandy Faulkner	Air Support Supervisor	
Situation Unit		Helicopter Coordinator	
Documentation Unit	Jill Henderson	Air Tanker Coordinator	
Demobilization Unit			
Human Resources			
Training			
Technical Specialist	IBA2 Anna Arnold		
<b>8. Logistics Section</b>		<b>10. Finance Section</b>	
Chief	Dale Stanley	Chief	Joann Hereford
Deputy	Jorge Cervantes	Time Unit	Vicky Wilson
Supply Unit / Ordering		Procurement Unit	
Facilities Unit		Compensation/Claims Unit	Mellie Ferguson
Ground Support Unit		Equipment Time	
Communications Unit	Chris Prindiville	Land Use Agreements	Katie Passini
Medical Unit	Ben Hendricks		
Receiving & Distribution			
Security Unit			
Food Unit			
		Prepared by (Resource Unit Leader)	



<b>DIVISION ASSIGNMENT LIST</b>				1. Branch		2. Division/Group <b>A</b>	
3. Incident Name Flat Fire				4. Operational Period Date: July 19, 2012      Time: 0600 -2200			
5. Operations Personnel							
Operations Chief		Jeff Hinson		Division/Group Supervisor		Jeff St. Clair (†)	
Planning Ops				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
ST 3676 C	Johnney/Molter (T)		27	N	Per DIVS		Per DIVS
SHF WT-36	Ernest Curran		1	N	Per DIVS		Per DIVS
North Zone Fallers	Jeremy Mason/Tom Neely		2	N	Per DIVS		Per DIVS
EMT-P **	Emily Geries		1	N	Per DIVS		Per DIVS
EMT-P **	Melanie Stevens		1	N	Per DIVS		Per DIVS
FELB	Carrie Roose		1	N	Per DIVS		Per DIVS
7. Control Operations							
<ul style="list-style-type: none"> <li>• Hold and improve control lines</li> <li>• Complete suppression repairs</li> <li>• Fell fire weakened trees</li> </ul>							
Special Instructions:							
<ul style="list-style-type: none"> <li>• Finish backhaul of trash and unused equipment</li> <li>• ** EMT's shared with all divisions.</li> </ul>							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command Repeat	RX 164.1250N TX 164.8250N	SHF Service	1 Tone 4 136.5	Backup Command	RX 171.5750N TX 169.1000N	SHF Repeat	4 Tone 4 136.5 Tone 5 146.2
Tactical Div/Group	RX 172.2750N TX 172.2750N	TMRU	2	Air to Ground	RX 168.7375N TX 168.7375N	Flat Air/Ground	3
Prepared by (Resource Unit Leader) Sandy Faulkner		Approved by (Planning Section Chief) 			Date July 18, 2012		Time 1830






<b>DIVISION ASSIGNMENT LIST</b>				1. Branch		2. Division/Group <b>Z</b>																									
3. Incident Name Flat Fire				4. Operational Period Date: July 18-20, 2012 Time: 0600 - 2200																											
5. Operations Personnel																															
Operations Chief		Jeff Hinson		Division/Group Supervisor		Kyle Jacobson (t)																									
Planning Ops				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		David Halcomb		20	N	Per DIVS	Per DIVS																								
EMT-P **		Melanie Stevens		1	N	Per DIVS	Per DIVS																								
EMT-P **		Emily Geris		1	N	Per DIVS	Per DIVS																								
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Prepared by (Resource Unit Leader) Sandy Faulkner			Approved by (Planning Section Chief) 			Date July 18, 2012		Time 1830																							

INCIDENT RADIO COMMUNICATIONS PLAN			Incident Name <b>FLAT</b>		CA-SHF-002290		Date/Time Prepared 07/17/12 1600		Operational Period Date/Time DAY SHIFT 07/19/12		
Only frequencies listed on this 205 are authorized for use on this incident.			Hand programmers accept all responsibility for the use of unauthorized frequencies.						Remarks		
Ch #	Function	Channel Name	Assignment	RX Freq N or W	RX Tone	TX Freq N or W	TX Tone	Mode			
1	COMMAND	SHF SVC	CMD ALL DIVISIONS	164.1250N		164.8250N	T4, 136.5	A	COVERS FIRE AREA AND ICP		
2	DISTRICT TAC	TRMU	TAC ALL DIVISIONS	172.2750N		172.2750N		A			
3	AIR / GROUND	FLAT A/G	ALL DIVISIONS	168.7375N		168.7375N		A			
4	BACKUP CMD	SHF RPT	FOREST NET	171.5750N		169.1000N		A	TONE 4 OR 5 IN ICP AND FIRE AREA, HELIBASE TONE 9		
5	TACTICAL	NIFC T-1	IA TAC	168.0500N		168.0500N		A	LOCAL IA		
6	TACTICAL	NIFC T-2	IA TAC	168.2000N		168.2000N		A	LOCAL IA		
7	TACTICAL	NIFC T-3	IA TAC	168.6000N		168.6000N		A	LOCAL IA		
8	SHF A/G PRI	SHF A/GP	IA ON SHF	167.6000N		167.6000N		A	ASSIGNED BY SHF DISP UPON IA		
9	SHF A/G SEC	SHF A/GS	IA ON SHF	166.8750N		166.8750N		A	ASSIGNED BY SHF DISP UPON IA		
10	CALCORD	CALCORD	MED HELO CONTACT	156.0750W		156.0750W		A			
11	SHU	SHU RPT	MUTUAL AID	151.1600N		159.2700N	T8, 103.5	A	CALFIRE		
12	TRINITY CO	XTR RPT	MUTUAL AID	154.7850W		158.7600W	T10, 107.2	A	COUNTY FIRE NET		
13	TRINITY T6	XTR T6	MUTUAL AID TAC	154.4300W		154.4300W		A	LOCAL VOLUNTEER TAC		
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											
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		
Prepared by				Incident Location							
Chris Prindiville, COML				DELLOMA, CA				LAT N40° 47.1009, W123° 20.4566'			
ICS 205 - 2007H											



<b>MEDICAL PLAN</b>	1. Incident Name	2. Date Prepared	3. Time Prepared	4. Operational Period					
	Flat Fire	June 18, 2012	1730	July 19-20, 2012 0600-2000					
<b>5. Incident Medical Aid Station</b>									
Medical Aid Stations		Location	Phone	Paramedics		Yes	No		
Medical Unit		Big Bar Ranger Station	530-623-1877	<b>X</b>					
<b>6(A). AIR Transportation</b>									
Name		Location	Phone	Paramedics		Yes	No		
Reach Medivac	Day/Night	Redding	911 or 530-623-8126	<b>RN</b>					
PHI	Day/Night	Redding	911 or 530-623-8126	<b>RN</b>					
CHP (Hoist)		Redding	911 or 530-623-8126	<b>X</b>					
7BL (designated Medivac)		Helibase – Weaverville airport (Until Released)	928-499-9420				<b>X</b>		
<b>6(B). Ground Ambulances</b>									
Name		Location	Phone	Paramedics		Yes	No		
Trinity County Ambulance		Weaverville	911 or 530-623-8126	<b>X</b>					
Hoopa Ambulance		Willow Creek	911 or 530-625-4180	<b>X</b>					
<b>7. Hospitals</b>									
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)	<b>X</b>			<b>X</b>
Shasta Regional		1100 Butte st, Redding N 40° 35.1' / W 122° 23.8'	40 min	1.5 hrs	530-244-5400	<b>X</b>			<b>X</b>
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)	<b>X</b>			<b>X</b>
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	<b>X</b>		<b>X</b>	
<b>8. Medical Emergency Procedures</b>									
<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)				
Ben Hendricks Ph: 530-623-1877									



# 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
<b>Mechanism</b>	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
<b>Area Injured</b>	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
<b>Symptoms</b>	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)

\*DP 5 - N 40°47.51 / W 123°21.02

\*Del Loma - N 40°46.67 / W 123°19.92

\*Big Bar Helispot – N 40°43.55 / W 123°16.00

### If air or ground ambulance is DELAYED:

Package and transport patient to rendezvous with 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"> <li>• Dehydration is preventable. Drink a minimum of 250ml/hour; <math>\frac{1}{4}</math> of canteen</li> <li>• Drink water &amp; Sports drinks before, during, and after shifts. (2 waters to 1 sports drink)</li> </ul>
All	Thunderstorms	<ul style="list-style-type: none"> <li>• Use the 30/30 rule.                             <ol style="list-style-type: none"> <li>1. If thunder follows flashes of lightning within 30 seconds seek shelter.</li> <li>2. Do not resume work until 30 minutes after storm passes.</li> </ol> </li> <li>• Use IRPG for appropriate Hazard Controls.</li> </ul>
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 17, 2012 @ 1750

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

Operational Period: Days July 19, 2012 from 0600-2200

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





**Today's discussion is from the Environmental Factors Category.**

**Scenarios:**

Scenario 1

[Six Minutes Home Page](#)

## **FALLING SNAGS**

Falling snags (dead, standing trees without leaves or needles in the crowns) present a significant hazard to wildland firefighters. Snags typically have much lower fuel moistures than live, green trees; and they burn more readily. In the process, they often throw spot fires far in advance of the main fire and often burn through more quickly than green trees, falling with little or no warning.

- The risk of injuries from falling snags increases during the night operational period when visibility is greatly reduced.
- While the cooler, nighttime period is generally a more effective time to gain control of wildfires, the increased risk from unseen falling snags may limit the widespread use of crews at night in areas of dead and dying timber.
- Environmental conditions that increase risk from falling snags:
  - Strong winds
  - Night operations
  - Steep slopes
  - Diseased or bug-killed areas
- Things to consider when assessing the potential hazards of both snags and green trees:
  - Trees have been burning for an extended period.
  - High-risk tree species (those that are known for rot and shallow root systems) are in the area.
  - Numerous downed trees
  - Dead or broken tips and limbs overhead
  - Accumulation of downed limbs
  - Absence of needles, bark or limbs
  - Leaning or hung-up trees
- Mitigation measures to take:
  - Identify and flag all high-risk snags and green trees.
  - Keep personnel out of the high-risk areas until the hazard has been removed.
  - Establish lookouts.

**References:**

Fireline Handbook--PMS410-1, NFES0065, NWCG







### Spot Forecast for FLAT Fire

National Weather Service Eureka

352 PM PDT Wed Jul 18 2012

IF CONDITIONS BECOME UNREPRESENTATIVE,  
CONTACT THE NATIONAL WEATHER SERVICE.

SPOT FORECAST FOR FLAT...USFS  
NATIONAL WEATHER SERVICE EUREKA CA  
352 PM PDT WED JUL 18 2012

FORECAST IS BASED ON REQUEST TIME OF 1529 PDT ON JULY 18.  
IF CONDITIONS BECOME UNREPRESENTATIVE...CONTACT THE NATIONAL WEATHER  
SERVICE IN EUREKA AT (707) 443-6484.

.DISCUSSION...

TEMPERATURES WILL REMAIN BELOW NORMAL THROUGH THURSDAY AS AN  
UPPER LEVEL LOW HOVERS OVER THE REGION. THIS LOW WILL CONTINUE TO  
BRING THE THREAT OF LIGHT SHOWERS TO THE AREA...THOUGH WINDS WILL  
REMAIN RELATIVELY LIGHT. ADDITIONALLY...OVERNIGHT RH RECOVERIES  
WILL REMAIN GOOD. WARMER AND DRIER WEATHER IS EXPECTED THIS  
WEEKEND.

.THURSDAY...

SKY/WEATHER.....PARTLY SUNNY. 40% CHANCE OF RAIN SHOWERS IN THE  
AFTERNOON.

MAX TEMPERATURE....AROUND 82.

MIN HUMIDITY.....40-50 PERCENT.

WIND (20 FT).....EAST WINDS 2 TO 3 MPH BECOMING SOUTHWEST 5 TO 6  
MPH

IN THE AFTERNOON.

EYE LEVEL WINDS....EAST WINDS 1 TO 3 MPH BECOMING SOUTHWEST 5 TO 6  
MPH

IN THE AFTERNOON.

.THURSDAY NIGHT...

SKY/WEATHER.....MOSTLY CLOUDY. 40% CHANCE OF RAIN SHOWERS IN THE  
EVENING.

MIN TEMPERATURE....AROUND 53.

MAX HUMIDITY.....70-80 PERCENT.

WIND (20 FT).....NORTHWEST WINDS 4 TO 6 MPH IN THE EVENING  
BECOMING

CALM.

EYE LEVEL WINDS....NORTHWEST WINDS 3 TO 5 MPH IN THE EVENING  
BECOMING

CALM.

.FRIDAY...

MAX TEMPERATURE....AROUND 84.

MIN HUMIDITY.....35-45 PERCENT.

WIND (20 FT).....UPSLOPE WINDS 1 TO 2 MPH.

SKY/WEATHER.....SUNNY.

EYE LEVEL WINDS....UPSLOPE WINDS 1 TO 2 MPH.