

FLAT Fire

Incident Action Plan

JULY 15, 2012

0600 to 2000

Terrain can Make Escape Routes Long and Difficult

- As Work Progresses Re-evaluate Your Options
- Base Time Needed to Escape on Slowest Crewmember

Firing Operations

- Communicate with Adjoining Divisions
- Wear All of the Required PPE

Difficult Terrain and Conditions for Providing EMS

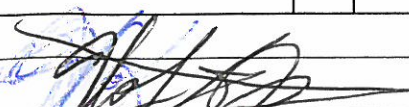
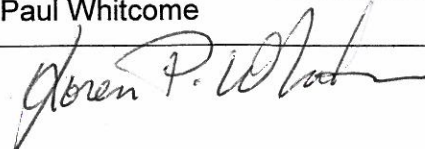
- Review Medical Plan and Communications Protocol
- Identify Medivac Sites and Provide Info to DIVS
- Limit High Risk Activities

Hazard Trees


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


**KEEP A HIGH LEVEL OF
SITUATIONAL AWARENESS**

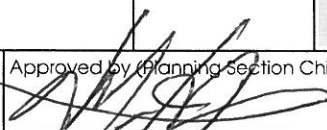
CA-SHF-002290 P5G1YE (0514)
SHASTA-TRINITY NATIONAL FOREST
Northern California Incident Management Team 1


INCIDENT OBJECTIVES	1. Incident Name	2. Date Prepared	3. Time Prepared		
ICS 202	Flat Incident	07/14/2012	2100		
4. Operational Period					
07/15/2012 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 Flat fire: <ul style="list-style-type: none"> - 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					
<ol style="list-style-type: none"> 1. Keep fire suppression expenditures commensurate with resource values at risk. 					
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 14, 2012	3. Time 1300	
4. Operational Period Day Shift July 15, 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		
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	
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		
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	
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 / Steve Beall	
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		
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 15, 2012 Time: 0600 – 2000					
5. Operations Personnel							
Operations Chief	Alec Lane	Division/Group Supervisor		Mark Vardanega / Mike Klimek (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		
Iron Mountain T2IA	David Halcomb	19	N	Per DIVS	Per DIVS		
Firestorm #1 T2 IA	Brian Levine / Ken Bailey (t)	19	N	Per DIVS	Per DIVS		
Firestorm #2 T2 IA	Joshua Bradley/ James Ramirez (t)	20	N	Per DIVS	Per DIVS		
XHU ST 2075 C	Mike Blakke	17	N	Per DIVS	Per DIVS		
WT Let 'ER Buck (E-30)	Steven Lassen	1	N	Per DIVS	Per DIVS		
TFLD	Paul Gibbs	1	N	Per DIVS	Per DIVS		
7. Control Operations Improve and hold existing control lines. Complete firing operations on dozer / hand line.							
Special Instructions: GPS any hand lines, dozer lines or sling sites. Please bring all GPS data to the Situation Unit. 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	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 (t)		Approved by (Planning Section Chief) 		Date July 14, 2012		Time 1930	

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group B			
3. Incident Name Flat Fire		4. Operational Period Date: July 15, 2012 Time: 0600 - 2000					
5. Operations Personnel							
Operations Chief	Alec Lane	Division/Group Supervisor		Randy Jennings / Don Fregulia (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		
Smith River IHC	Glen Tingley	19	N	Per DIVS	Per DIVS		
El Cariso IHC	Jay Bertek	19	N	Per DIVS	Per DIVS		
Happy Camp #2 T2IA	Damon McCartney	20	N	Per DIVS	Per DIVS		
PAS #3 T2	Joe Kellert	20	N	Per DIVS	Per DIVS		
SHF Engine 22	Eugenia Wiebe	5	N	Per DIVS	Per DIVS		
SHF Engine 331	Brian Carman	5	N	Per DIVS	Per DIVS		
SHF Dozer 29	Dave Brown	2	N	Per DIVS	Per DIVS		
Dozer Caldwell Logging (E-9)	Greg Caldwell	1	N	Per DIVS	Per DIVS		
WT Cattaneo (E-32)	Richard Hardcastle	1	N	Per DIVS	Per DIVS		
SRF WT 35	Kirby Bennett	1	N	Per DIVS	Per DIVS		
WT CJ's Fire Support (E-28)	Chris Hall	1	N	Per DIVS	Per DIVS		
WT CJ's Fire Support (E-29)	Red Jackson						
EMT-P	Brad Setterland	1	N	Per DIVS	Per DIVS		
EMT-P	Alex Lynn	1	N	Per DIVS	Per DIVS		
TFLD	Ed Guidi	1	N	Per DIVS	Per DIVS		
TFLD (t)	Zac Cogle	1	N	Per DIVS	Per DIVS		
DOZB	John Peaks	1	N	Per DIVS	Per DIVS		
7. Control Operations Improve and hold existing control lines.							
Special Instructions: GPS any hand lines, dozer lines or sling sites. Please bring all GPS data to the Situation Unit. 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	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 (t)		Approved by (Planning Section Chief) 		Date July 14, 2012		Time 1930	

DIVISION ASSIGNMENT LIST				1. Branch		2. Division/Group Z	
3. Incident Name Flat Fire				4. Operational Period Date: July 15, 2012 Time: 0600 - 2000			
5. Operations Personnel							
Operations Chief		Alec Lane		Division/Group Supervisor		Rico Gonzalez	
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
MAS #1 T2		Shawn Bush, Aaron Whiddan (†)		20	N	Per DIVS	Per DIVS
NHS #2 T2		Jim Litevich		20	N	Per DIVS	Per DIVS
PAS #4 T2		James Stiteler / Floyd Hartman (†)		20	N	Per DIVS	Per DIVS
ANF ST 1610C		Bruce Steinberg / Darren Kaye (†)		27	N	Per DIVS	Per DIVS
SRF Engine 351		Harold Reed / Matt Salmon (†)		5	N	Per DIVS	Per DIVS
SRF Engine 32		Jameson Collins		5	N	Per DIVS	Per DIVS
SHF Engine 43		Ben Hendricks		4	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
SOFR		Don Pashima		1	N	Per DIVS	Per DIVS
EMT-P		Emily Geries		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 Complete firing operations from DP2 to Highway 299.							
Special Instructions: GPS any hand lines, dozer lines or sling sites. Please bring all GPS data to the Situation Unit. ALS ambulance staged at Del Loma.							
Function		Frequency		System		Channel	
Command Repeat		RX 168.7000N TX 170.9750N		Command 1		1 110.9	
Tactical Div/Group		RX 166.7750N TX 166.7750N		NIFC T-6		6	
Backup Command		RX TX		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 14, 2012	
						Time 2100	

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group Structure																											
3. Incident Name Flat Fire		4. Operational Period Date: July 15, 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																								
OHS #1 T2		Aaron Kloss / Brian Porter (t)		19	N	Per DIVS	Per DIVS																								
XSH ST 3150 C		Adrian Rodgers		18	N	Per DIVS	Per DIVS																								
WT 31 (OES)		Martin Ramirez / Erimer Rayan		2	N	Per DIVS	Per DIVS																								
WT 32 (OES)		Kane Edwards		2	N	Per DIVS	Per DIVS																								
WT 36 (SRF)		Earnest Kurran		1	N	Per DIVS	Per DIVS																								
WT Cattaneo (E-42)		Angelo Cattaneo		1	N	Per DIVS	Per DIVS																								
Fellers		Jeremy Mason / Tom Neely		2	N	Per DIVS	Per DIVS																								
DOZB		Jacob Ching		1	N	Per DIVS	Per DIVS																								
7. Control Operations Continue structure protection and assessment at Del Loma, Big Mountain Road, Waldorf Ranch and the Brooks Ranch.																															
Special Instructions: GPS any hand lines, dozer lines or sling sites. Please bring all GPS data to the Situation Unit. ALS ambulance staged at Del Loma.																															
<table border="1"> <thead> <tr> <th>Function</th> <th>Frequency</th> <th>System</th> <th>Channel</th> <th>Function</th> <th>Frequency</th> <th>System</th> <th>Channel</th> </tr> </thead> <tbody> <tr> <td>Command Repeat</td> <td>RX 168.7000N TX 170.9750N</td> <td>Command 1</td> <td>1 110.9</td> <td>Backup Command</td> <td>RX TX</td> <td></td> <td></td> </tr> <tr> <td>Tactical Div/Group</td> <td>RX 168.2500N TX 168.2500N</td> <td>NIFC T-7</td> <td>7</td> <td>Air to Ground</td> <td>RX 168.7375N TX 168.7375N</td> <td>Flat Air/Ground</td> <td>9</td> </tr> </tbody> </table>								Function	Frequency	System	Channel	Function	Frequency	System	Channel	Command Repeat	RX 168.7000N TX 170.9750N	Command 1	1 110.9	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
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Prepared by (Resource Unit Leader) Gary R. Deboi & Chris Wikeen (t)		Approved by (Planning Section Chief) 		Date July 14, 2012		Time 1930																									



Flat Fire Incident Weather Forecast



FORECAST NO: 2 D
 PREDICTION FOR: Sunday Day Shift
 SHIFT DATE: July 15, 2012
 FORECAST ISSUED: 1800 July 14th, 2012

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

WEATHER DISCUSSION:

Stronger marine influence last night will bring a slightly delayed peak burning period along with slightly higher RH values. Weak trough aloft will maintain light wind and warm temperatures through Monday. On Tuesday a stronger upper level low pressure system will move over the region providing relief from the heat and higher rh values. This system will also bring a much more unstable airmass to the region...with a slight risk of thunderstorms.

WEATHER FORECAST TODAY (SUNDAY DAY SHIFT):

WEATHER: Sunny and Smoky.
 MAX TEMPERATURES: 94 – 99. 10 degrees cooler under smoke.
 MIN HUMIDITY: 22 – 29%. 10-15% higher under smoke.

WINDS (EYE LEVEL):

Upper Slopes - Very Light early....Then West and Southwest 4 to 7 mph...gusts to 15 after 1400 PDT.

Drainages - Light and variable until 1100PDT... Then West or upslope 5 to 8 mph in the afternoon...gusts 8 to 13 mph after 1500 especially along the 299 corridor.

STABILITY / INVERSION: Stable. Morning drainage inversions near 1700 ft breaking by 0900.

WEATHER FORECAST MONDAY:

WEATHER: Sunny.
 MAX TEMPERATURES: 89-98.
 MIN HUMIDITY: 20-25%...as low as 16% in some spots.

WINDS (EYE LEVEL):

RIDGETOP - West 4 to 6 mph.

DRAINAGE - Southwest or Upslope 3 to 6 mph. Gusts 10 to 14 mph after 1500 PDT especially along the 299 corridor.

OUTLOOK FOR TUESDAY: Sunny. Max Temps: 88 to 93. Min RH: 22-28% Wind: Mainly west and southwest 4 to 8 mph...gusts to 15 mph after 1400 PDT along the 299 Corridor.

EXTENDED FORECAST FOR WEDNESDAY THROUGH FRIDAY: Partly Cloudy...Cooler with a slight chance of Thunderstorms. LAL 2. Max Temps...82 to 86. Min RH 34-40%. Wind direction varying each day...but light.

Observations from Yesterday (Saturday)

	<u>Max T</u>	<u>Min RH</u>	<u>Wind Dir.</u>	<u>Wind Speed / Gust</u>
Big Bar RAWS (2700 ft) :	100	19%		SW 3-6 mph / none

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 05	TYPE OF FIRE: Wildfire
FIRE NAME: FLAT Fire	OPERATIONAL PERIOD: 07/15/12 0600-2200
DATE ISSUED: 7/14/12	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 97

Min RH: 22% to 29%.

Eye Level Wind: Ridges- West 4-7 Gust 15; Drainages- West 5-8 Gust 13 along river.

FIRE BEHAVIOR

GENERAL:

- Light timber litter:
 - Clear conditions- Head fire spread rates near 15 ch/hr with approx. 5-6 ft flame lengths.
 - Smokey conditions- Head fire spread rates near 7ch/hr with approx. 3-4 ft. flame lengths.
- Backing/Flanking rates of spread – approaching 2 chain/hr with 2' flame lengths can be expected
- Spotting Distance: approximately a quarter of a mile

>> ERC is forecast at 69 for the Shasta-Trinity NF which is near average for this time of year.

>> BI is forecast at 56 on the Shasta-Trinity NF which is near average for this time of year.

>> Fine Fuel Moisture for today shaded is 6%

>> Probability of ignition is 60%

>> Live fuel moisture measured on 7/7/12 in the Manzanita was at 140%

SPECIFIC Fire Behavior:

Division A - Although fire behavior has been low on most of the Division, watch for smoldering especially near the structures if the up canyon winds materialize in the afternoon. Winds should be favorable for completion of the burn out. Watch for roll outs and snags in the area of the burning.

Division B- Favorable West and SW winds should support the completion of the burn operation. Snags near the line could be a potential for spotting, casting embers or falling across the line. Torching is possible where fuels generate enough intensity.

Division Z – Watch for increased fire behavior in Pellatreau Creek, especially near Drop Point 2. The small saddle there works to increase wind speed as it passes through. Winds may be adverse for the burning operation. If winds are blowing smoke across the line, spotting potential will increase. The forecast gusting winds in the afternoon could increase the spotting distances to around three tenths of a mile. Be especially careful where torching occurs near the line.

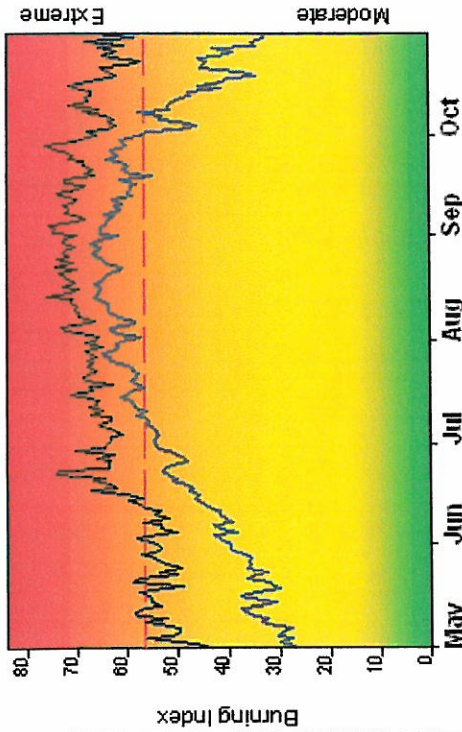
AIR OPERATIONS

With a delay in the burning period, smoke may be a problem until the inversion clears or until wind can start clearing the area of the fire.

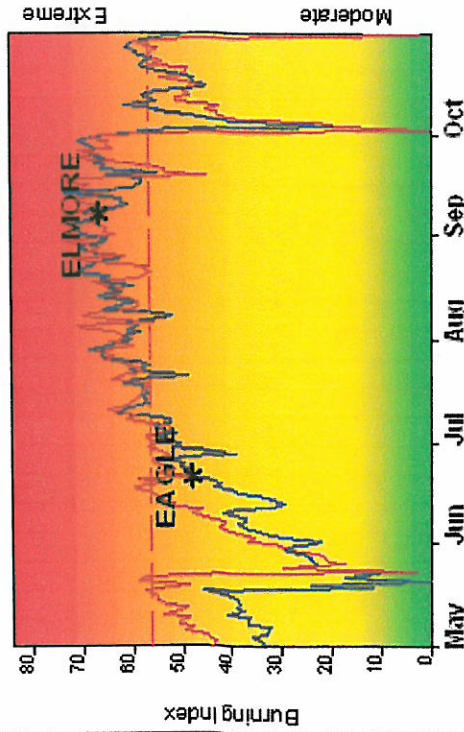
SAFETY- Fire weakened trees. Look for cat faced trees with fire weakened branches or signs of intense burning near the base of trees they may have damaged the root systems of green trees or made snags unstable.

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 10x Station Standards



Fire Danger Interpretation:



- EXTREME** -- Use extreme caution
- (Caution)** -- 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.


RAW's stations used: Mt. Shasta, Round Mtn, Ash Creek, Big Bar, Hayfork, Yolla Bolla, Friend Mtn, Sugarloaf, Pattymocus.

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 07/14/12 1600	Operational Period Date/Time DAY SHIFT 07/15/12
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Only frequencies listed on this 205 are authorized for use on this incident.						Radio 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	CMD 1	CMD 1	ALL DIVISIONS	168.7000N		170.9750N	110.9	A	NIFC C-1 REPEATER		
2	CMD 2	CMD 2	ACTIVE BY 1200HRS	169.5375N		164.71250N	110.9	A	NIFC C-8 REPEATER		
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	TACTICAL	NIFC T-5	UNASSIGNED	166.7250N		166.7250N		A			
6	TACTICAL	NIFC T-6	DIVISION Z	166.7750N		166.7750N		A			
7	TACTICAL	NIFC T-7	STRUCTURE GRP	168.2500N		168.2500N		A			
8	CONTINGENCY TAC	FS R5 T-4	AS ASSIGNED BY OPS	166.5500N		166.5500N		A	IF NEEDED ASSIGNED BY OPS		
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	SHOULD INCIDENT CMD FAIL		
12	SHF LOCAL IA	NIFC T-2	IA OUTSIDE FLAT INCIDENT	168.2000N		168.2000N		A	ZONE 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		A	ASSIGNED BY SHF DISP UPON IA		
14	URGENT AIR CONTACT	AIR GUARD	ALL DIVISIONS	168.6250N		168.6250N	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	110.9	A	USE ONLY FOR URGENT AIRCRAFT IF HAND PROGRAMMING USE TONE		

Prepared by 

Rick Caroscelli, Phil Shaffer, COML No/Cat IMT 1

Incident Location
DEL LOMA, CA LAT N40° 47.1009, W123° 20.4566

AIR OPERATIONS SUMMARY PREPARED BY: Ken Crawford

PREPARED DATE/TIME: 7/14/12 18:00

1. INCIDENT NAME: Flat	2. OPERATIONAL PERIOD DATE: 7/15/12	START TIME: 0600	END TIME: 2200	SUNRISE: 05:19	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 all logistical requests through Flat Communications. Divisions order tactical request directly through Air Attack or Helibase.					
4. MEDEVAC A/C: 7BL Internal litter capability			5. TFR: Radius: 5 NIM Altitude: 8000= MSL Centerpoint: Lat: 40 47.00N Long: 123 21.00W		
8. FIXED-WING # Avail / Type/ Make-Model / FAA N# / Base(s)					
Airtankers		TBA			
Leadplanes		TBA			
Base FAX #:					
ATGS Aircraft		N1385L (A-29)		507 Relief (A-28)	
Other					

6. PERSONNEL	Phone	7. FREQUENCIES	AM	FM
AODB:		AIR/AIR FW:		168.6375 (A-16)
ATGS: Paul Thornton	530 524-9577	AIR/AIR RW:	128.075 (A-24)	
ATGS: Peter Koerber	530-277-9261	AIR/GROUND:		168.7375 (A-17)
HLCO:		AIR/AIR TFR:	123.7250 (A-15)	
ASGS: Ken Crawford	(530) 412-2534	COMMAND RPT	Rx:168.7000	
Steve Beall	(530) 598-9231	DECK FREQ:	Tx:170.9750	Tone 110.9
HEB-1 Jeff Quick	(928) 499-9420	TOLC FREQ:	163.100	
Heb-2 (T) Virgil Lookingback	(928) 899-0810			
ATB MGR: Lisa Smith	(530) 226-2796			

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-25) 15S	2	UH1HS Limited	054	0700	0800	Bucket/Sling							
(A-26) N20PA	2	Bell 212 HP Standard Cat	054	0700	0800	Tank/IA							
(A-27) 4TH	1	Bell 214 Limited	054	0700	1400	Bucket/Sling							

10. TASK/MISSION/ASSIGNMENT (Type/Function includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, S&R, etc.)

TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (if applic) OR INSTRUCTIONS FOR TACTICAL AIRCRAFT	MISSION START	FLY FROM	FLY TO
Recon	As Needed	0800	Helibase	Fire
Bucket Support	As Needed	0800	Helibase	Fire
Cargo / Medivac near ICP location.	Cargo area staffed with helitack.. Turn right on 299 from ICP right on SkyRanch Rd. 1 st right on dirt RD. Legal: 40 43.35 X 123 02.84	TBD		
I/A	Incident complexity/ availability of resource will determine which resource will be assigned			

MEDICAL PLAN	1. Incident Name	2. Date Prepared	3. Time Prepared	4. Operational Period					
	Flat Fire	June 14, 2012	1900	July 15, 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 Cell: 530-604-7572	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)				
Josh Ramey MEDL Ph: 530-277-1213 <i>Joshua Ramey</i>					Rich Rubin SOF 2 <i>Rich Rubin</i>				

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	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 <u>and make</u> <u>them known.</u>
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 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 14, 2012 @ 1536

Prepared By: Richard Rubin, SOF2

Operational Period: July 15, 2012 from 0600-2000

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



HAZARD TREES

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.

• Environmental conditions that increase risk from falling snags:

- Strong winds
- Night operations
- Steep slopes

• 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
- Leaning or hung-up trees
- Absence of needles, bark or limbs

• 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

TRAINING SPECIALIST MESSAGE

ALL TRAINEES

If you have completed a Position Task Book on the Flat Incident, see the Training Specialist.

Bring the following to the “exit interview”:

- Position Task Book
- A completed and signed ICS 225 or 226 Performance Evaluation
- A completed Exit Interview Form

Forms are available at the
Training Specialist Trailer
(Next to Logistics)

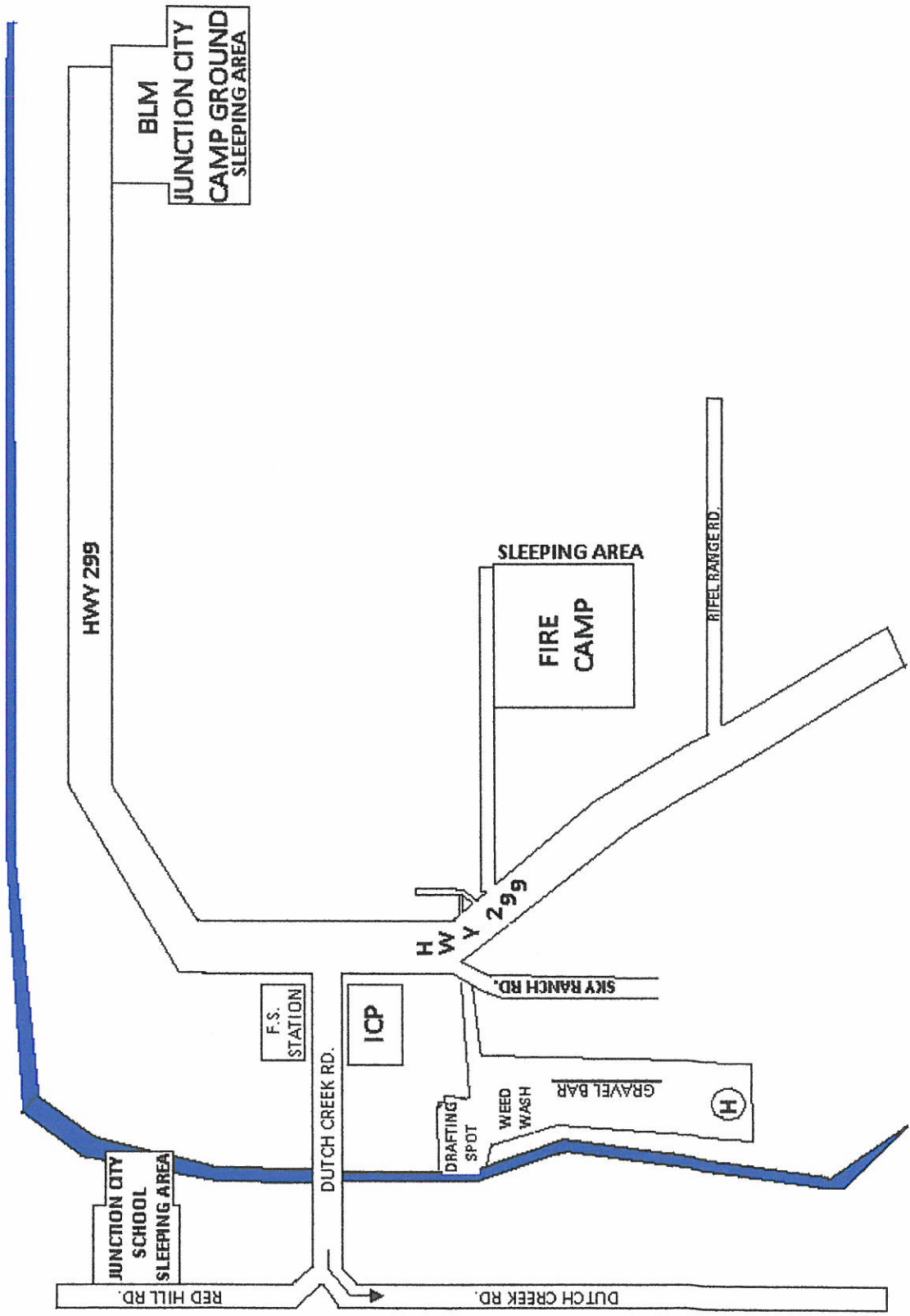
Julie Buel
Training Specialist

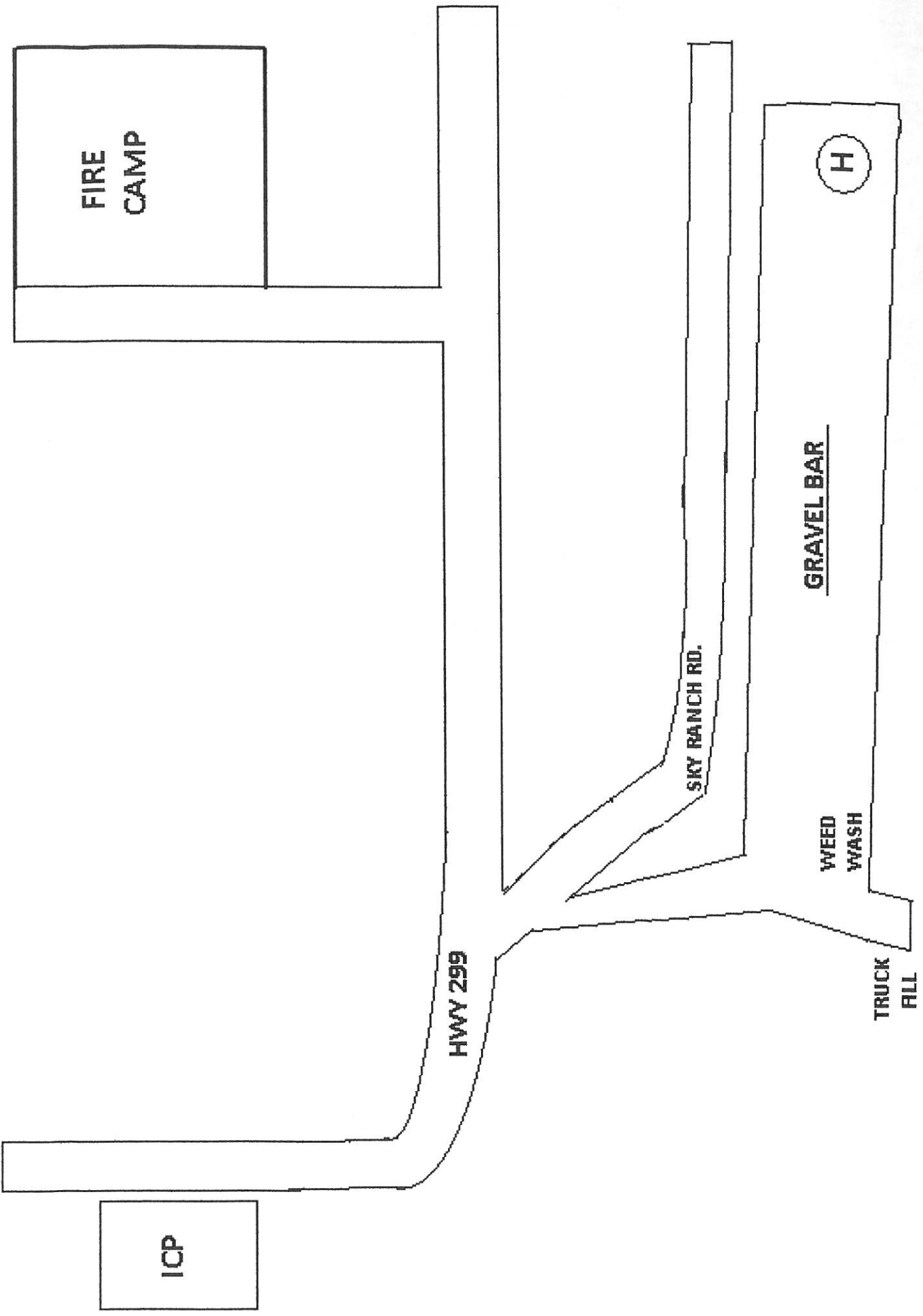


SOCIAL MEDIA

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





FIRE
CAMP

ICP

HWY 299

SKY RANCH RD.

WEED
WASH

TRUCK
FILL

GRAVEL BAR

H

JUNCTION CITY
FIRE DEPARTMENT

FUEL
TRUCK

SUPPLY

COMMUNICATIONS

IC / DEPUTY IC
LIAISON OFFICER
INFORMATION
LOST & FOUND

LOGISTICS
MEDICAL
FACILITIES

FIRE BEHAVIOR
WEATHER
SITUATION

CHECK-IN
DEMOB
FINANCE
ORDERING

BRIEFING
AREA

SAFETY
PLANNING
OPERATIONS
MEETING ROOM

FIRE DOG
COPY TRAILER

PARKING

USFS STATION
OVERHEAD SLEEPING

PARKING
LOT

HWY 299

R I F L E R A N G E R D

SLEEPING AREA

KITCHEN

LUNCH TRAILER

SHOWERS

PARKING

MEDICAL

GROUND SUPPORT
SLEEPING AREA

EXIT

GROUND SUPPORT
VEHICLE INSECTION

ENTRANCE

EXIT

PARKING

Hwy 299

