

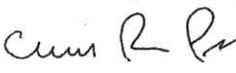
Wragg Incident

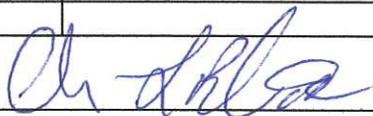
15CALNU006678

Incident Action Plan

**08/2/2015 – 08/3/2015
OPERATIONAL PERIOD
0700 to 0700**



INCIDENT OBJECTIVES	1. INCIDENT NAME WRAGG	2. DATE PREPARED 08/1/2015	3. TIME 1800																				
4. OPERATIONAL PERIOD (DATE/TIME) 08/2/2015 – 08/3/2015 0700-0700																							
5. MANAGEMENT OBJECTIVES <ul style="list-style-type: none"> •Establish and maintain safe work practices to minimize threats to the public and emergency personnel. •Minimize damage to structures, private property and other improvements in the fire area. •Protect natural and heritage resources. •Maintain fiscal accountability keeping costs commensurate with values at risk. •Provide timely and accurate incident information. •Foster and maintain relationships with all local cooperators and stakeholders. 6. GENERAL CONTROL OBJECTIVES <ul style="list-style-type: none"> •Keep fire within the existing control lines. 																							
7. WEATHER FORECAST FOR OPERATIONAL PERIOD See Attached																							
8. GENERAL SAFETY MESSAGE See Attached																							
9. Attachments (☑ if attached) <table border="0" style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> Organization List (ICS 203)</td> <td><input checked="" type="checkbox"/> Medical Plan (ICS 206)</td> <td><input checked="" type="checkbox"/> Finance</td> <td><input checked="" type="checkbox"/> Unit Log 214</td> </tr> <tr> <td><input checked="" type="checkbox"/> Weather Forecast</td> <td><input checked="" type="checkbox"/> Air Ops 220</td> <td><input checked="" type="checkbox"/> Training Message</td> <td><input checked="" type="checkbox"/> Facility Map</td> </tr> <tr> <td><input checked="" type="checkbox"/> Fire Behavior Forecast</td> <td><input type="checkbox"/> Ops Expectations/ DIVS worksheet</td> <td><input checked="" type="checkbox"/> Supply Message/ 101</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> Safety Message</td> <td><input checked="" type="checkbox"/> Assignment List (ICS 204)</td> <td><input checked="" type="checkbox"/> Dmob Plan</td> <td><input type="checkbox"/> _____</td> </tr> <tr> <td><input checked="" type="checkbox"/> Communications Plan (ICS 205)</td> <td><input checked="" type="checkbox"/> Fire Line Suppression</td> <td><input checked="" type="checkbox"/> Traffic Plan</td> <td><input type="checkbox"/> _____</td> </tr> </table>				<input checked="" type="checkbox"/> Organization List (ICS 203)	<input checked="" type="checkbox"/> Medical Plan (ICS 206)	<input checked="" type="checkbox"/> Finance	<input checked="" type="checkbox"/> Unit Log 214	<input checked="" type="checkbox"/> Weather Forecast	<input checked="" type="checkbox"/> Air Ops 220	<input checked="" type="checkbox"/> Training Message	<input checked="" type="checkbox"/> Facility Map	<input checked="" type="checkbox"/> Fire Behavior Forecast	<input type="checkbox"/> Ops Expectations/ DIVS worksheet	<input checked="" type="checkbox"/> Supply Message/ 101		<input checked="" type="checkbox"/> Safety Message	<input checked="" type="checkbox"/> Assignment List (ICS 204)	<input checked="" type="checkbox"/> Dmob Plan	<input type="checkbox"/> _____	<input checked="" type="checkbox"/> Communications Plan (ICS 205)	<input checked="" type="checkbox"/> Fire Line Suppression	<input checked="" type="checkbox"/> Traffic Plan	<input type="checkbox"/> _____
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10. PREPARED BY (PLANNING SECTION CHIEF) Chris Post, PSC1 	11. APPROVED BY (INCIDENT COMMANDER)  ICTI(4)																						

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. INCIDENT NAME WRAGG		Chief	Mike Webb
CA-LNU-006678		Deputy	Mike van Loben Sels
2. Date Prepared 08/01/15		Night	Polo Rodriguez
3. Time 2200		a. Branch I / III / IV - Division/Groups	
4. Operational Period 8/2/2015 - 8/3/2015		Branch Director	Tim Ernst
0700-0700		Division/Group	A / C / G / M / P Keith Hill
Position	Name	Division/Group	T / U / X Gino Degraffenreid
5. Incident Commander and Staff		John Greenberg (T)	
Incident Commanders	Brian Estes / Jim Ferguson (T)	b. Branches - Division/Groups	
Deputy Incident Commander	Kevin Lawson	Branch Director	
Safety Officers	Gabriel Santos / Joe Buchmeier (T)	Division/Group	
Information Officer	Rick Vogt		
Liaison Officer	Mike Martin	Division/Group	
Law Enforcement Liaisons	Scott McCartney / Todd Jennings		
6. Agency Representatives		Division/Group	
Agency	Name		
		Division/Group	
See Next Page		c. Fire Line Supression Repair	
		Division/Group	Megan Scheeline
		d. Contingency Branch	
		Branch Director	
		Division/Group	
		e. Staging	
		g. Air Operations Branch	
7. Planning Section		Air Operations Branch Director	Scott Packwood
Chief	Chris Post	Air Attack Supervisor	
Deputy	Buddy Bloxham (T)	Air Support Supervisor	Tom Swanson
Resource Unit	Gabe Garcia / Steve Oaks	Helicopter Coordinator	Scott Corn
		Air Tanker Coordinator	
Situation Unit	Adam Mitchell / Shane Sherwood (T)	10. Finance Section	
Documentation Unit	Susan Hudson / Sandra Jewell	Chief	Harper Keene
Demobilization Unit	Tom Shevenell / Leonel Plata (T)	Deputy	John Kiszka
Training	Shane Vargas	Time Unit	Andrew Corpuz / Kyle Lunsted (T)
Fire Behavior Analyst	Scott Jones	Procurement Unit	Julie Freeman
IMET	Jason Clapp	Compensation/Claims Unit	Karen Guillemain
8. Logistics Section		Cost Unit	Greg Belk
Chief	Dusty Martin (T)	Hired Equipment	Jason Luckenbach
Deputy	Scott Ernest		
Supply Unit	Paul Lee		
Facilities Unit	Ernie Solis		
Ground Support Unit	Jason Warden		
Communications Unit	Eddy Moore / Tim Maguire (T)		
Medical Unit	Jorge Segura		
Food Unit	Mike Carnesecca / Mario Rivera (T)	Prepared by (Plans Section Chief)	
Motel Unit	Shane Cook	Buddy Bloxham PSC1 (T)	

Agency Representatives	
Agency	Name
City of Winters	John Donlevy
Solano Co. S.O.	Jon Mazer
Yolo Co. S.O.	Dale Johnson
Solano CHP	LT. Dave Ricks
Yolo CHP	CAPT Chuck King
CDCR	LT. Dan Eddy
BLM	Jeff Tunnell
PG&E	Pam Purdue
CAL TRANS	Mike Chappel
Solano Co. Parks	Sean McDowell
Yolo – Solano ARB	Dale Jeff Pinnow
Salvation Army	Kevin Hansen
Red Cross	William Chen
Winters Fire Dept.	Aaron McAlister
Vacaville Fire Dist.	Doug Rogers
CAL OES	John Salvate
Yocha Dehe Wintun Nation	James Sarmento
Solano Co. OP. Area	Aaron McAlister
Yolo Co. Op. Area	Gary Fredrickson
Vacaville Fire Dept.	Ron Karlen
CCC	Mieka Hall



INCIDENT WEATHER FORECAST

FORECAST NO: 10
PREDICTION FOR: Sunday DAY/NIGHT SHIFT

INCIDENT NAME: Wragg Fire
UNIT: CALFIRE Sonoma-Lake-Napa Unit

SHIFT DATE: 2 August 2015
TIME AND DATE
FORECAST ISSUED: 1600 / 1 August 2015

SIGNED: 
Jason Clapp
Incident Meteorologist

WEATHER TODAY:

WEATHER: Partly cloudy with altocumulus (unstable) clouds, mainly to north and east. A good onshore pressure gradient will increase afternoon WSW winds today and into this evening with increased RH.

TEMPERATURES: 84-88 *Trend: Little Change*
RELATIVE HUMIDITY: 35-40% *Trend: Little Change*

20 FT WINDS:

RIDGETOP – WNW 3-7 mph gusting 15 mph shifting WSW 6-9 mph gusting 15-20 mph by afternoon, then increasing 8-12 mph gusting to 20-25 mph (1800-2400).
SLOPE/VALLEY – Upslope/upcanyon 3-7 mph eddying. Downcanyon gusts to 15 mph 1800-2400 (Miller Canyon).

LAL: 1 **Stability/Inversion:** Weak inversion breaking around 1000.

WEATHER FOR TONIGHT AFTER 2400: Partly cloudy.

Low temperatures: 60-64

Max RH: 70-90%.

20FT Winds: Ridgetop: WNW 5-9 mph gusting 15 after midnight. Slope/Valley: Downcanyon 3-6 mph gusting to 10 mph, then weakening toward sunrise.

WEATHER DISCUSSION: Partly cloudy today with altocumulus (unstable) clouds due to monsoon moisture surge. Storms will develop north (Mendocino NF) and east (Sierra). Upper trough offshore is pushing eastward against large SW US upper ridge today and Monday. This will moderate temperatures and increase RH due to moderate afternoon and evening SW winds.

OUTLOOK FOR MONDAY/TUESDAY:

Monday: Temperatures stay cool with decent onshore flow. Isolated to scattered thunderstorms to remain near Sierra crest and eastward.

High temps: 82-86. Max/ Min RH: 70% / 35%. Winds: WSW ridge winds 7-12 gusting 15-20 mph mid-afternoon to near midnight. W 4-8 mph gusting 15 down Miller Canyon late evening.

Tuesday: Temperatures stay cool with strong onshore flow as upper trough moves over the coast.

High temps: 79-83. Max/ Min RH: 90% / 40%. Winds: WSW ridge winds 10-15 gusting 20-30 mph mid-afternoon to past midnight. W 8-12 mph gusting 15-20 down Miller Canyon late afternoon/evening.

Extended Planning Weather Outlook



FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 10	TYPE OF FIRE: Wildland Fire
FIRE NAME: Wragg	OPERATIONAL PERIOD: 08/02 (0700-0700)
DATE ISSUED: 08/01/15	TIME ISSUED: 2100
UNIT: LNU	SIGNED: <i>Scott Jones</i>
	Typed/printed: Scott Jones

INPUTS

WEATHER SUMMARY

Partly cloudy and potential smoke from the Rocky INC.

Temps: 84° - 88° RH 35 - 40%

20ft - (MPH)

Ridgetop WNW 3 - 7 gust 15 shifting WSW 6 - 9 gust 15 - 20 by the afternoon,
Increasing 8 - 12 gust 20-25 late pm.

Slope/Valley; upslope/up canyon 3 - 7 eddying, then down canyon gust 15 (1800-2400)

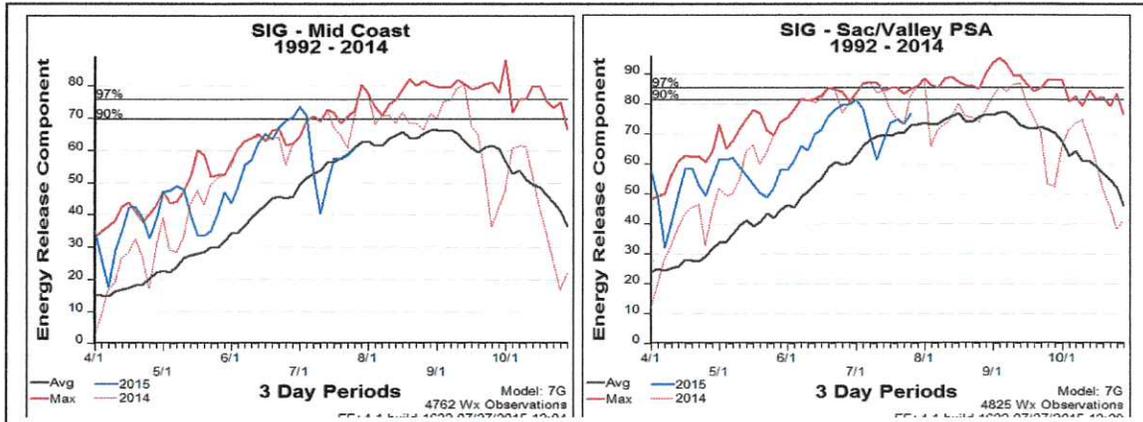
FIRE BEHAVIOR

Minimal activity has been observed for the past three burning periods. Any new spots should be able to be suppressed by direct attack resources.

Forward rates of spread predicted at 3-6 ft/min; flame length 1-3 ft. Probability of Ignition is 59%

Fuels have been drying out for the past few days with the lower elevations showing critically low fuel moistures as evidenced with the recent IA and large fire activity. With more lightning and reduced resources, any additional fire starts will be problematic. Increased IA will likely be required this weekend and continuing into next week. A classic lightning pattern is currently in place with low pressure off the CA coast producing SE upper level winds and unstable conditions.

ERC averages for MID COAST and SAC VALLEY PSAs are at average or above average levels trending up. Individual RAWs are showing critical levels. The fuels across the region are showing the effects of being drought stressed. Fuel and topography are creating extreme fire behavior with the addition of a wind component, extreme fire behavior should be considered imminent.



SAFETY

The recent fire activity is at or exceeding 2015 predictions. Expect quick ignition, rapid buildup, crowning and any wind increase to cause spotting (possible long range) and dangerous burning conditions. Recognize the role that Fatigue plays in not only physical but mental response.

BASE ALL ACTIONS ON COMING HOME SAFELY



WRAGG INCIDENT CA LNU 006678



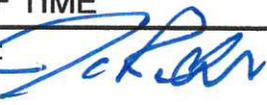
SAFETY MESSAGE	1. INCIDENT NAME: WRAGG	2. DATE PREPARED: August 1, 2015	3. TIME PREPARED: 14:00
4. PREPARED BY: Joe Buchmeier SOF1 (T)	5. LEADER NAME: Gabriel Santos SOF1	6. OPERATIONAL PERIOD: 8/02/15 0700 TO 8/03/15 0700	

SAFETY MESSAGE

IT'S NOT OVER UNTIL IT'S OVER!

- Don't let your guard down with the cooler temperatures, maintain water and electrolyte intake. **HYDRATE TODAY TO PREPARE FOR TOMORROW!!!**
- Brief your crews on the hazards and monitor the personnel that are new to this incident.
- Maintain situational awareness, L.C.E.S.
ESTABLISH: LOOKOUTS, COMMUNICATIONS, ESCAPE ROUTES AND SAFETY ZONES.
- Pay close attention to lifting techniques, ask for help and offer help if you see someone who needs it.
- Fire suppression repair is in progress and presents new hazards, be cautious of equipment working above and around you.
- Seeing a lot of insect bites, be cautious of wasps, hornets and other insects.
- If personnel get fatigued but it's not a medical emergency use line medics for evaluation and rehab in a shaded area on the fire line.
- Monitor your crews and personnel around you for signs of fatigue and do regular pulse checks. Everybody needs a reset but there's more work to be done.
- Follow the one way traffic plan on the incident, watch out for new sink holes in the basecamp pavement. **SLOW DOWN and Drive Defensively!**

DON'T ASSUME EVERYBODY SEE'S THE SAME HAZARDS YOU SEE, IF YOU SEE A HAZARD FIX IT, FLAG IT OR NOTIFY SOMEONE THAT WILL.

1. Incident Name: WRAGG		2. Incident Number: CALNU006678	
3. Date/Time Prepared: Date: 8/01/15 Time: 1400		4. Operational Period: Date From: 8/02/15 Date To: 8/03/15 Time From: 0700 Time To: 0700	
5. Incident Area	6. Hazards/Risks	7. Mitigations	
ALL	STEEP TERRAIN	<ul style="list-style-type: none"> - POST LOOKOUTS - WATCH FOOTING 	
ALL	NARROW ONE WAY ROADS, SOME PREVIOUSLY CLOSED NOW OPEN TO THE PUBLIC	<ul style="list-style-type: none"> - HEADLIGHTS ON - SLOW DOWN, - FOLLOW TRAFFIC PLAN 	
ALL	FATIGUE	<ul style="list-style-type: none"> - MAINTAIN PROPER WORK REST CYCLES - DOCUMENT ON ICS 214. 	
ALL	HIGH TEMPEATURES HYDRATION	<ul style="list-style-type: none"> - MAINTAIN 3 TO 1 WATER TO ELECTROLYTE RATIO. - TRY TO TAKE SHADED BREAKS 	
ALL	CRITICAL FUEL MOISTURES	<ul style="list-style-type: none"> - PAY CLOSE ATTENTION TO FIRE BEHAVIOR AND CHANGING CONDITIONS. 	
ALL	CHANGING WEATHER CONDITIONS	<ul style="list-style-type: none"> - MONITOR CURRENT WEATHER CONDITIONS AND OBTAIN FORECAST. 	
ALL	AVIATION HAZARDS	<ul style="list-style-type: none"> - MONITOR AIR TO GROUND. 	
ALL	ROLLING MATERIALS ON BURNED SLOPES	<ul style="list-style-type: none"> - BE CAUTIOUS OF WORKING BELOW CREWS AND EQUIPMENT 	
ALL	COMMUNICATIONS	<ul style="list-style-type: none"> - UTILIZE COMMUNICATIONS PLAN - UTILIZE HUMAN REPEATER 	
ALL	POISON OAK	<ul style="list-style-type: none"> - WASH WELL AND WASH NOMEX 	
ALL	CUTTING LINE ON UNBURNED ISLANDS	<ul style="list-style-type: none"> - MAINTAIN SAFE WORKING DISTANCES. - AVOID COMPLACENCY 	
ALL	NEW INCIDENTS	<ul style="list-style-type: none"> - HAVE CONTINGENCY PLAN - IDENTIFY RESOURCES AHEAD OF TIME 	
8. Prepared by: Gabe Santos IMT 6 SOF1: 		Joe Buchmeier IMT 6 SOF1 (T): 	
ICS 215A			

CAL FIRE Incident Management Team 6

WRAGG INCIDENT SAFETY ALERT

CA LNU 006678

HEAT RELATED ILLNESS

"If it is Predictable it is Preventable"

Due to record-breaking high temperatures expected throughout California over the next two weeks all incident personnel shall review and implement the following Heat Related Illness Prevention guidelines and document the training on you unit log (ICS 214 form).

Heat-induced illness is a result of the body's inability to cope with heat. This can be a minor symptom or a serious life-threatening injury. While recognition and treatment are important, prevention is the key. **HEAT RELATED ILLNESS IS PREVENTABLE.**

Becoming acclimated to working in a hot environment takes time.

- It normally takes 4-8 days to acclimate
- Fatigue and alcohol consumption delays this process
- Persons not acclimated are at increased risk and can suffer heat-related illness at lower levels of heat and work activity

Personnel need to pre-hydrate before work and continuously hydrate during work.

- Water is the primary form of fluid replacement
- Before work, it is recommended to drink 20 ounces of sports drink
- During work drink 8 ounces of water every 15 minutes (1 Quart/hour)
- Cool / cold water is preferred
- Consider a carbohydrate / electrolyte sports drink as a portion (25%-50%) of the fluid intake

Avoid Hyponatremia

- Hyponatremia develops when the concentration of sodium is diluted in the bloodstream
- Exercise-induced hyponatremia occurs when this phenomenon is caused by excess water intake during exercise or work
- Proper nutrition and consumption of carbohydrate/electrolyte sports drinks as part of hydration will assist in avoiding hyponatremia
- Symptoms can include disorientation, headache, muscle cramps and nausea

Avoid Certain Drinks

- To help prevent dehydration, **avoid** carbonated beverages and performance beverages such as Red Bull, Rock Star, Monster Drinks, etc.
- Caffeine hastens fluid loss in the urine.

Web Resources

- OSHA Heat Stress Card: www.osha.gov/publications/osha3154.pdf
- 6 Minutes for Safety: www.nifc.gov/sixminutes/dsp_discussion.php?id=67

IMT 6 SOF1  Gabriel Santos

IMT 6 SOF1 (T) Joe Buchmeier 



Demob Safety Message

On Behalf of CAL FIRE Incident Management Team 6 we would like to thank you for your assistance. We wish you safe travels home or to your next assignment. Below are a few reminders to make your trip safer:

- ✓ Conduct walk around before driving
- ✓ Check for and secure all loose items (ie: tools, hose, and packs)
- ✓ Wear seat belts at all times
- ✓ Monitor all drivers for fatigue,
 - Switch drivers regularly if possible
 - If not find a safe place to stop, exit the vehicle and stretch
 - If all else fails, stop and take a short rest to revitalize
- ✓ Obey Posted Speed Limits
- ✓ Ensure Personnel have adequate nutrition and hydration for the trip
- ✓ Be prepared for the next incident

Thank you again for your hard work!

Gabriel Santos SOF 1 IMT 6

Joe Buchmeier SOF 1 (T)

DIVISION ASSIGNMENT LIST	1. Branch	2. Division/Group
	I / III / IV	Division T / X (T/U/X)

3. Incident Name WRAGG	4. Operational Period Date: 8/2/2015 to 8/3/2015 Time: 0700-0700
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5. Operations Personnel			
Operations Chief	Mike Webb (Day) Polo Rodriguez (Night)	Division/Group Supervisor	Gino Degraffenreid John Greenberg (T)
Branch Director	Tim Ernst	Branch Safety	Matt Newberry

6. Resources Assigned this Period						
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	On Line	Off Line
STC MRN 9150C	William Roberts	17	DP 40 / 0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
CRW Grayback 8A C-57	Romira Mendoza	20	DP 40 / 0800	0800	<input type="checkbox"/>	<input type="checkbox"/>
CRW Oregon Woods C-58	Charles Walkins	20	DP 40 / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>
W/T PVT E-87	Anthony Wanzer	1	DP 40 / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>
W/T PVT E-355	Ben Radtkey	1	DP 40 / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>
FEMP	Dave Martinelli	1	DP 40 / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>
FEMT	Drew Kostal	1	DP 40 / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>

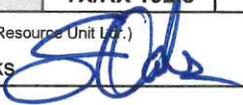
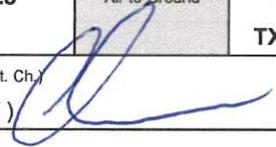
7. Control Operations

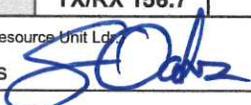
Continue to improve existing fire line. Mop up 500 feet.
Continue to back haul excess equipment and trash.

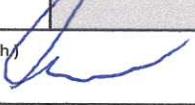
8. Special Instructions

Ensure LCES is in place in all Divisions.
NIFC C2 (channel 2) and NIFC C9 (channel 3) are the current command repeater system.
These two channels are linked and are hard toned. Use either one of these channels to communicate to Wragg communications.
All resources in Division T / X will be 12 hour.

9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	
Command	RX 168.1000 Tone 123.0 TX 170.4500	NIFC	NIFC C2	EMS	RX / TX 156.0750 TX/RX 156.7	NIFC	CALCORD
Tactical Div/Group	RX/TX 151.1825 TX/RX 192.8	NIFC	CDF T28	Air to Ground	RX/TX 159.4050 TX/RX 192.8	NIFC	CDF T22

Prepared by (Resource Unit Ldr.) Steve Oaks 	Approved by (Planning Sect. Ch.) Buddy Bloxham (T) 	Date 8/1/2015	Time 2300
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DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group 1 of 2 Fire Line Suppression Repair			
3. Incident Name WRAGG		4. Operational Period Date: 8/2/2015 to 8/3/2015 Time: 0700-0700					
5. Operations Personnel							
Operations Chief		Mike Webb (Day) Polo Rodriguez (Night)		Division/Group Supervisor		Megan Scheeline	
Branch Director				Branch Safety			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	On Line	Off Line	
CRW Dust Busters C-62	Cody Taylor	20	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>	
CRW Grayback 8B C-63	Tim Nygren	20	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>	
CRW ORS Inbound LLC C-65	Ross Nettleship	20	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>	
DOZ PVT E-55	Jim Wiggin	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>	
DOZ PVT E-121	Robert Dominikus	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>	
DOZ PVT E-308	Tracy Coleman	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>	
DOZ PVT E-311	Kevin Robinson	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>	
DOZ PVT E-313	Greg Parmeter	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>	
DOZ PVT E-330	Greg Parmeter	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>	
DOZ PVT E-340	Robert Lea	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>	
W/T PVT E-281	Richard Mendoza	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>	
W/T PVT E-354	Wesley Burns	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>	
7. Control Operations Implement fire line suppression repair plan.							
8. Special Instructions NIFC C2 (channel 2) and NIFC C9 (channel 3) are the current command repeater system. These two channels are linked and are hard toned. Use either one of these channels to communicate to Wragg communications. All resources in Fireline Suppression Repair will be 12 hour.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	
Command	RX 168.1000 Tone 123.0 TX 170.4500	NIFC	NIFC C2	EMS	RX / TX 156.0750 TX/RX 156.7	NIFC	CALCORD
Tactical Div/Group	RX/TX 154.2875 TX/RX 156.7	NIFC	VFIRE 25	Air to Ground	RX/TX 159.4050 TX/RX 192.8	NIFC	CDF T22
Prepared by (Resource Unit Ldr) Steve Oaks 		Approved by (Planning Sect. Ch.) Buddy Bloxham (T) 			Date 8/1/2015		Time 2300

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group 2 of 2 Fire Line Suppression Repair			
3. Incident Name WRAGG		4. Operational Period Date: 8/2/2015 to 8/3/2015 Time: 0700-0700					
5. Operations Personnel							
Operations Chief		Mike Webb (Day) Polo Rodriguez (Night)		Division/Group Supervisor		Megan Scheeline	
Branch Director				Branch Safety			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	On Line	Off Line	
W/T PVT E-356	Andy Strode	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>	
FOBS	Kevin Molloy	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>	
FOBS	James Scheid	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>	
FOBS	Kevin Conway	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>	
FOBS	Lucas Titus	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>	
FOBS (T)	Douglas Madsen	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>	
FOBS	Patrick Mcdaniel	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>	
FOBS (T)	Elliott Elward	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>	
FOBS	Tim Meyers	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>	
FOBS (T)	Chris Poli	1	ICP / 0800	2000	<input type="checkbox"/>	<input type="checkbox"/>	
7. Control Operations Implement fire line suppression repair plan.							
8. Special Instructions NIFC C2 (channel 2) and NIFC C9 (channel 3) are the current command repeater system. These two channels are linked and are hard toned. Use either one of these channels to communicate to Wragg communications. All resources in Fireline Suppression Repair will be 12 hour.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	
Command	RX 168.1000 Tone 123.0 TX 170.4500	NIFC	NIFC C2	EMS	RX / TX 156.0750 TX/RX 156.7	NIFC	CALCORD
Tactical Div/Group	RX/TX 154.2875 TX/RX 156.7	NIFC	VFIRE 25	Air to Ground	RX/TX 159.4050 TX/RX 192.8	NIFC	CDF T22
Prepared by (Resource Unit Leader) Steve Oaks 		Approved by (Planning Sect. Ch) Buddy Bloxham (T) 			Date 8/1/2015		Time 2300

MEDICAL PLAN ICS 206	1. INCIDENT NAME WRAGG FIRE	2. DATE PREPARED 08/1/2015	3. TIME PREPARED 1800	4. OPERATIONAL PERIOD 8/2/15 - 8/3/15 0700-0700
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5. INCIDENT MEDICAL AID STATIONS

MEDICAL AID STATIONS	LOCATION	PARAMEDICS	
		YES	NO
None assigned			

6. TRANSPORTATION

A. AMBULANCE SERVICES

NAME	LOCATION	PHONE	PARAMEDICS	
			YES	NO
Vacaville Fire Department	Vacaville	707-499-5200	X	
CALSTAR (Odd Days)	Vacaville	800-252-5050	X	
Reach Ambulance (Even Days)	Concord	800-338-4045	X	
Medic Ambulance	Vallejo	707-644-8989	X	
*Sonoma County Sheriff Copter H1 PRIMARY (Rescue, Short Haul)	Sonoma County	707-565-2121	X	
**California Highway Patrol Copter H30 SECONDARY-- Day (No Night, Hoist)	Napa County Airport	707-257-0673	X	
***Air Guard 825 SECONDARY--Night (2000-0700, Hoist)	Mather Air Force Base	530-477-0641	X	

B. INCIDENT AMBULANCES

NAME	LOCATION	PARAMEDICS	
		YES	NO
None Assigned			

7. HOSPITALS

NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
Med Net Channel								
Kaiser (Level 2 Trauma)	1 Quality Dr. Vacaville CA	2	8	707-624-4000 707-452-9892	X			X
UC Davis Medical Center (Level 1 Trauma / Burn)	2315 Stockton Blvd, Sacramento CA 95817	12	30	916-734-2011 916-734-5669	X		X	
Vaca Valley Hospital	1000 Nut Tree Rd. Vacaville	3		707-624-7000 707-624-7810	X			X

8. MEDICAL EMERGENCY PROCEDURES

LINE EMERGENCY:

Crew Supervisor will contact Division Supervisor with patient complaint/condition and location.

- Division/Group Supervisor contacts:
 1. Communications Unit
 2. Closest EMS resource
- Communications Unit contacts:
 1. Ground or Air ambulance as requested
 2. Operations
 3. Safety
 4. Medical Unit
- Division Supervisor or designee will serve as point of contact and run medical emergency on assigned channel.
 1. A pre-assigned tactical frequency (i.e. CALCORD) should be used for IWI and only for duration of need.
- Communications Unit will clear command channel for emergency traffic as needed and only for duration of need.

CAMP EMERGENCY:

Contact Medical Unit with patient complaint/condition and location. Medical Staff will respond to stabilize incident:

- Medical Unit contacts:
 1. Communications
 2. Safety
 3. Logistics
 4. Operations
 5. Crew Supervisor
 6. Comps/Claims

INJURY REPORTING PROCEDURES

NATURE OF INJURY _____

LOCATION OF PATIENT _____

POINT OF CONTACT _____

TRANSPORTATION REQUESTED BY: AIR ___ GROUND ___

POINT OF PICKUP _____

LAT _____ LONG _____

PATIENT UNIT ID _____

IS AN EMT WITH PATIENT: YES ___ NO ___

AGE _____

SEX: MALE ___ FEMALE ___

ALL EMERGENCIES---Secure the area and identify witnesses for later investigation. Keep an accurate log of events.

ICS 206 (Rev 03/12) FR	9. PREPARED BY: (Medical Unit Leader) Jorge H Segura IMT 6 MEDL / D. Kostal / D. Marinelli MEDL (T)	10. REVIEWED BY: (Safety Officer) Gabriel Santos IMT 6 SOF1
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INCIDENT RADIO COMMUNICATIONS PLAN		Incident Name			WRAGG		Date/Time Prepared		Operational Period Date/Time	
						8/1/2015, 1900 HRS		8/2/15 - 8/3/15, 0700 - 0700 HRS		
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq	RX Tone/NAC	TX Freq	TX Tone/NAC	Remarks		
1										
2	COMMAND	NIFC C2	ALL DIVISIONS	168.1000	CSQ	170.4500	123.0	NIFC C2 LINKED TO NIFC C9		
3	COMMAND	NIFC C9	ALL DIVISIONS	170.0125	CSQ	165.2500	123.0	NIFC C9 LINKED TO NIFC C2		
4										
5										
6										
7	TACTICAL	CDF T13	DIV A / C / G / M / P	151.3775	192.8	151.3775	192.8	AKA. "A / P"		
8	TACTICAL	CDF T28	DIV T / U / X	151.1825	192.8	151.1825	192.8			
9										
10										
11	TACTICAL	VFIRE 25	SUPPRESSION REPAIR	154.2875	156.7	154.2875	156.7	FIRE LINE SUPPRESSION REPAIR		
12										
13										
14	TACTICAL	CALCORD	MEDICAL	156.0750	156.7	156.0750	156.7	AMBULANCE COORDINATION		
15	TACTICAL	A/G	ALL DIVISIONS	159.4050	192.8	159.4050	192.8	CDF T22		
16	TACTICAL	GUARD	EMERGENCY	168.6250	CSQ	168.6250	110.9	EMERGENCY ONLY		
17										
18										
19										
20	TACTICAL	GUARD	EMERGENCY	168.6250		168.6250	110.9	EMERGENCY ONLY		

Prepared By (Communications Unit)

Tim Maguire, COM1 (t)



Incident Location: Capell Valley, CA

County: Solano

Latitude, Longitude: 38° 30.03' N, 122° 07.10' W

Base Camp Phone List

WRAGG INCIDENT- CA-LNU-006678

Name	Phone
Accommodations	916-203-6647
Communications	951-225-4507 951-225-4501
Clerical	951-977-4503 Fax
Cost	951-225-4502 951-977-4502 Fax
Demob	951-225-4503 951-225-4505
Logistics	915-225-4506
Medical	951-225-4504
Procurement	951-977-4501 Fax
Safety	951-225-4508
Time	951-225-4509 951-225-4510 951-977-4504 Fax

TRAINEE'S

**"LAST CHANCE" TO GET SUPPORTING
DOCUMENTATION FOR THIS INCIDENT**

**PLEASE SEE TRAINING SPECIALIST PRIOR
TO DEMOB**

**TRAINING TRAILER IS LOCATED NEXT TO
DEMOB**



CAL FIRE INCIDENT MANAGEMENT TEAM 6



BRIAN ESTES - INCIDENT COMMANDER

DEMOBILIZATION PLAN - SUMMARY

Wragg Incident

CA-LNU-006678

GENERAL INFORMATION

The Demobilization Plan is developed to facilitate the orderly removal and checkout of resources on the incident. By definition, surplus personnel are available for release if they have rested for a minimum of 8 hours, are cleaned up, outfitted and have a vehicle ready to depart to their next destination.

GENERAL GUIDELINES

- o NO RESOURCES WILL LEAVE THE INCIDENT UNTIL AUTHORIZED TO DO SO BY THE DEMOB UNIT.
- o Efforts will be made to ensure that all released personnel arrive at their destination prior to 2200 hours.
- o All government and hired vehicles leaving the incident will have a safety inspection. If a vehicle is within 1,000 miles of a "B" service, it is the responsibility of the resource to contact Ground Support and have an oil change prior to their scheduled demob time.
- o All trainees are to keep their time up to date and report to the Training Specialist with their task books and evaluations prior to completion of the demobilization process.
- o All strike team leaders are responsible to call North Ops at 1-800-237-3703 immediately upon being released from the incident.

RESPONSIBILITIES

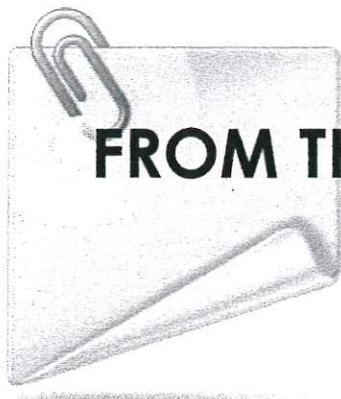
Unit Leaders will declare resources excess to their Section Chief. Section Chiefs will declare excess resources to the Planning Section Chief through the Resource Unit Leader. This should be done 36 hours in advance of anticipated release. Use the Declaration of Excess Resources sheet or General Message Form (ICS-213) to list all excess resources. Include the resource name, request number, name of person, date and time of declared excess, and time in which the resource will be eligible to leave. Send to the RESOURCE UNIT where the resource will be determined to be surplus to the incident. Surplus resources will then be able to report to the DEMOB UNIT, receive a Demobilization Checkout Form (ICS 221), get the appropriate ICS 221 signatures, and then return the completed ICS 221 to the DEMOB UNIT prior to final release or reassignment.

RELEASE PRIORITIES

1. Organized fire departments
2. OES engines
3. Hired personnel and equipment
4. Other agencies (USFS, BLM, etc.)
5. Out of region Cal Fire forces
6. Within Region Cal Fire Forces
7. Unit CAL FIRE Forces

TRAVEL INFORMATION

All resources will meet agency specific requirements on hours of travel per day. For CAL FIRE hand crews, a full 24 hour reset period shall be adhered to before departing from the incident. After a crew's last operational period they shall begin the demobilization release procedure during their 24 hour off shift. In addition, they must use the following complete 24 hour period as reset time before they depart from the incident.



FROM THE DESK OF DOCUMENTATION

WRAGG INCIDENT

Who needs to turn in what?



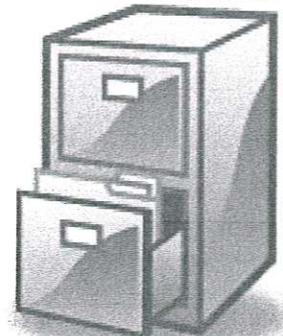
Unit Logs (ICS-214s) are required by Strike Team Leaders and above. However, Crews, Engines and possibly other contractors working on the line or in camp, may be asked to fill them out, especially if there has been a significant event that may need to be documented, or if requested by your Supervisor.



Copies of the Crew Evaluations (ICS-224s) and Personnel Evaluations (ICS-225s) are sent to your home unit or business office. Therefore, it is imperative to provide the home unit name or business name and full address on the evaluation form. Also put your **REQUEST #** **AND RESOURCE ID AT TOP.**

Thanks for your help and cooperation.

Susan Hudson ~ Documentation Unit





CAL FIRE INCIDENT MANAGEMENT TEAM 6

BRIAN ESTES – INCIDENT COMMANDER



WRAGG INCIDENT CALNU 006678

FINANCE & DEMOBILIZATION

LOCATION: Three Oaks Community Center
1100 Alamo Drive
Vacaville, CA

STARTING: Tuesday, August 4, 2015

HOURS: 0700-1900

PHONE #: (925) 588-6806

To complete Time and Demobilization process for the following resources:

- CAL FIRE
- Hired Equipment
- OES
- Contract Crews

eFC-33 INITIAL INPUT FORM

1 | 2 | 3 | 4 | 5 | 6 | 7

Overhead: complete one form per person.
All Others: complete one form per vehicle.

Request Number

State	Agency	Incident Number	Incident Name	Incident Index Code	Incident PCA Code
CA	LN	0006678	W R A G G	1400	00900

Strike Team	Resource ID #	Fire Ass / Unit	Home Station / Office / Location
S T			

YOUR NORMAL DUTY SCHEDULE	24 Hr / 7d / Other	Portal to Portal?	YOUR AGENCY	HOME UNIT	COMMIT	RELEASE	YOUR CELL PHONE #
	One Box	<input checked="" type="checkbox"/>	CAL FIRE				

PERSONNEL	Schedule	A	B	Other	Last Name	First Name	Rank or Classification	# of Regular Duty Scheduled Hours per Day									
								Mon	Tue	Wed	Thu	Fri	Sat	Sun			
EMPLOYEE 1																	
EMPLOYEE 2																	
EMPLOYEE 3																	
EMPLOYEE 4																	
EMPLOYEE 5																	
EMPLOYEE 6																	

VEHICLE	Schedule	A	B	Other	If Other, explain	Radio ID	Kind of Vehicle	ID No / X No
VEHICLE 1								X
VEHICLE 2								X
	One Box					E-3499	FTH	0 2 X
	Chairman	Quantity						

Put a box or check in the appropriate box. All other information for individual vehicle.

ADDITIONAL INFO



EMERGENCY SHIFT TICKET and EVALUATION FORM					Contractor Name	
The responsible Government Officer will complete this form each shift.					Fireline Builders	
Incident or Project Name Wild		Incident Number CALNU 123456	Request Number E-60		Operator #1 Jim Smith	Operator #2 John Jones
Agreement Number LNU76543210					Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government	
Equipment Make Peterbilt		Equipment Model / Type Transport			Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government	
Serial Number S18934789		License Number 7C27948				Equipment Status <input type="checkbox"/> Inspected <input checked="" type="checkbox"/> Under Agreement
Equipment Use					<input checked="" type="checkbox"/> Released by Government <input type="checkbox"/> Withdrawn by Contractor	
Date	Start	Stop	(Circle) Hours	Days / Miles	Remarks/Comments ** 2 Operators NA Hauled in dozer E-59 and was released.	
Mo / Day	Start	Stop	Work	Assignment		
7/16	1300	1500	2	Travel In		
7/16	1500	1700	2	Travel Out		
Vendor Rating					Govt. Rep. Name and Position - PRINT Mike Brown, Div B	
Met Performance Expectations	Poor*	Avg.	Good	Exc.	N/A	Govt. Rep. Signature Mike Brown
Equipment in Safe Working Condition	Vendor Rating must be done.				Contractor Signature Jim Smith	
Operator Skill Level						
Operates Safely						
Operator's Cooperation Level						
Overall Performance						Date 07/16/12
*NOTE: Any rating of POOR requires an explanation in Comment Section.					CALFIRE 297	
**Final evaluation or for more documentation, use an ICS Form 230 or equivalent.					(Rev 3-2011)	
Pink - Finance	Blue - Home Unit HE Coordinator	Yellow - Vendor	White - Govt Representative			

EMERGENCY SHIFT TICKET and EVALUATION FORM					Contractor Name	
The responsible Government Officer will complete this form each shift.					Fireline Builders	
Incident or Project Name Wild		Incident Number CALNU 123456	Request Number E-59		Operator #1 Jim Smith	Operator #2 John Jones
Agreement Number LNU01234567					Operator Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government	
Equipment Make CAT		Equipment Model / Type Dozer D6H			Operating Supplies Furnished By: <input checked="" type="checkbox"/> Contractor <input type="checkbox"/> Government	
Serial Number 6LN3344		License Number				Equipment Status <input type="checkbox"/> Inspected <input checked="" type="checkbox"/> Under Agreement
Equipment Use					<input type="checkbox"/> Released by Government <input type="checkbox"/> Withdrawn by Contractor	
Date	Start	Stop	(Circle) Hours	Days / Miles	Remarks/Comments ** 2 Operators	
Mo / Day	Start	Stop	Work	Assignment		
7/16	1300	1500	2	Travel In		
7/16	1500	2400	9	Division B		
7/17	0001	0800	8	Division B		
Vendor Rating					Govt. Rep. Name and Position - PRINT Mike Brown, Div B	
Met Performance Expectations	Poor*	Avg.	Good	Exc.	N/A	Govt. Rep. Signature Mike Brown
Equipment in Safe Working Condition	Vendor Rating must be done.				Contractor Signature Jim Smith	
Operator Skill Level						
Operates Safely						
Operator's Cooperation Level						
Overall Performance						Date 07/17/12
*NOTE: Any rating of POOR requires an explanation in Comment Section.					CALFIRE 297	
**Final evaluation or for more documentation, use an ICS Form 230 or equivalent.					(Rev 3-2011)	
Pink - Finance	Blue - Home Unit HE Coordinator	Yellow - Vendor	White - Govt Representative			

EMERGENCY SHIFT TICKET and EVALUATION FORM <small>The responsible Government Office will complete this form each shift</small>					Contractor Name	
Incident or Project Name Wild			Incident Number CALNU 123456		Request Number E-64	
Agreement Number LNU2223333			Operator #1 Sean Rodgers			
			Operator #2 Wayne Rodgers			
Equipment Make Peterbilt			Equipment Model / Type 4000 Gallon			
Serial Number 11343N			Licence Number 6A256483			
Equipment Use						
(Circle) Hours Days / Miles						
Date		Start		Stop		Work
Mo / Day						Assignment
7/16		1300		1500		2
						Travel In
7/16		1500		2400		9
						Division B
7/17		0001		0800		8
						Division B
Vendor Rating						
		Poor	Avg.	Good	Exc.	N/A
Met Performance Expectations						
Equipment in Safe Working Condition		Vendor Rating must be done.				
Operator Skill Level						
Operates Safely						
Operator's Cooperation Level						
Overall Performance						
Govt. Rep. Name and Position - PRINT Mike Brown, Div B					Govt. Rep. Signature <i>Mike Brown</i>	
Date 07/17/12					Time 0800	
* NOTE: Any rating of POOR requires an explanation in Comment Section.					CALFIRE 297	
**Final evaluation or for more documentation, use an ICS Form 230 or equivalent.					(Rev 3-2011)	

2 Operators

Pink - Finance Blue - Home Unit HE Coordinator Yellow - Vendor White - Govt Representative

CAL FIRE INCIDENT MANAGEMENT TEAM WATER USAGE PLAN

California Drought Emergency

The following shall be considered and implemented by all fire resources as a means to provide maximum efficiencies when utilizing water resources, while minimizing the impacts to private and public water supplies. Accountability shall be maintained for all water supplies that are utilized and care should be applied to ensure proper replacement and/or reimbursement to the supplier/ owner.

Fireline personnel- (During mop up operations)

- Use of Pencil Hose and Garden Nozzles with Shut-Offs.
- Use of Back pumps.
- Dry Mop-up and consolidation of heavy fuels to areas where they can burn out safely
- Locate/ Relocate Firelines to lighter fuels or natural barriers when safe.
- Set up and use portable tanks in anticipation of longer transport times for Water Tenders.
- Use of foams, gels and other water enhancers.
- Evaluate need to mop up in excess of 200 feet from fireline

Road Maintenance and Repair-

- Monitor and water roads only when and where needed.
- Water when most effective (evening and nights).
- Use chemical treatments when available (Magchloride, Omni bind ect).
- Consider use of tertiary or treated water (sp)

Aviation Operations-

- Use of Gels, Foams and Retardants. Set up portable plants.
- Consider Blivits and Pencil hose for interior mop up operations as opposed to numerous bucket drops.
- Establish and use pre-use agreements for existing and known water sources.
- Use large watershed dip sites when able. Minimize use of small, static ponds and lakes.
- Maintain accountability of water used and locations of dip sites.
- Evaluate need for interior bucket drops

Private Water Supplies-

- Notify property owner as early as possible.
- Minimize usage and develop alternative water supplies when and where appropriate.
- Track usage (meter, 214 form) and develop a plan to replace water.
- Make arrangements for reimbursement and damage claims if needed.

Public/ Municipal Water Supplies-

- Notify Agency as soon as possible and request a representative to the incident.
- Identify fill areas and request metering devices. Place on incident map.
- Use alternative or reclaimed water sources when available. Place on incident map.
- Make arrangements for reimbursement and damage claims if needed.

Management and Supervision-

- Use leaders intent and establish Water Conservation as an Management Objective.
- Consider complexity of water use on incidents. Establish a Water Supply Group Supervisor to coordinate additional resources to support the incident needs.
- Complete the Water Usage Report daily and turn in to Finance
- Review this check list and brief daily.

FIRE SUPPRESSION REPAIR PLAN: WRAGG INCIDENT

Fire suppression repair is the repair of damage caused directly from fire suppression activities. It is not the repair of infrastructure or rehabilitation of burned areas that happened as a result of the fire itself.

Damaged facilities will be upgraded to their pre-fire condition. Projects too large or complex to be completed by the Fire Suppression Repair Group shall be transferred to the Comp/Claims Unit or the local Unit. Repair work shall only occur in locations authorized by the Operations division and where fire suppression activities are complete. Fire Suppression Repair Group resources shall evaluate all Divisions for appropriate repair needs. This includes areas inside and outside the fire perimeter, provided the damage was caused by official fire suppression activities.

Examples of items that may be repaired include, but are not limited to:

Infrastructure Damage	Natural Resource Damage
Fences and gates	Soil erosion
Culverts, bridges, and other watercourse crossings	Adverse impacts to air and water quality
Water sources	Adverse impacts to protected species of plants and animals
Utility distribution lines (above or below ground)	
Road barriers removed for fire access	
Trash, debris, and supplies left by fire suppression resources	
Miscellaneous damage to residential property	

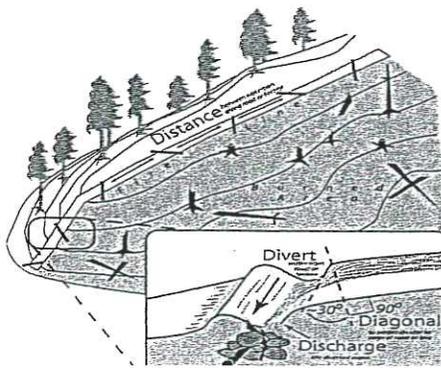
Dozer Line Repair

Dozers construct both fire and contingency lines. Dozer line width varies greatly. The following measures shall be implemented for constructed dozer line:

- Berms and push-piles shall be spread out to the extent feasible. This may be accomplished by back-blading and/or using ripper shanks or grapples. Debris piled against trees or perched above watercourses is especially important to remove or disperse.
- Waterbreaks shall be constructed at an approximately 45 degree angle and shall be a minimum depth of 12 inches from the bottom of the cut to the top of the berm. Where feasible, the discharge from waterbreaks shall be directed into vegetated areas.
- Where slopes exceed the range at which a tractor can effectively work, waterbreaks shall be constructed with hand tools.
- Roads used in fire suppression activities shall be left in the same condition they were found or better. Gravel and soil-surfaced roads shall be watered to prevent excessive dust. Where fire suppression activities have damaged or rendered road drainage facilities non-functional, waterbreaks or drivable drainage dips shall be installed for drainage.
- Where fire suppression activities have filled in or damaged inside ditches, the ditches shall be cleaned and left unobstructed.
- Vehicle access to dozer line on Bureau of Land Management lands shall be blocked using tank traps or other similar methods.
- Spacing of waterbreaks shall be as follows:

Prevailing gradient	Maximum waterbreak spacing
0-10%	200 feet
11-25%	150 feet
26-50%	100 feet
>50%	75 feet

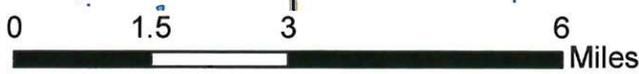
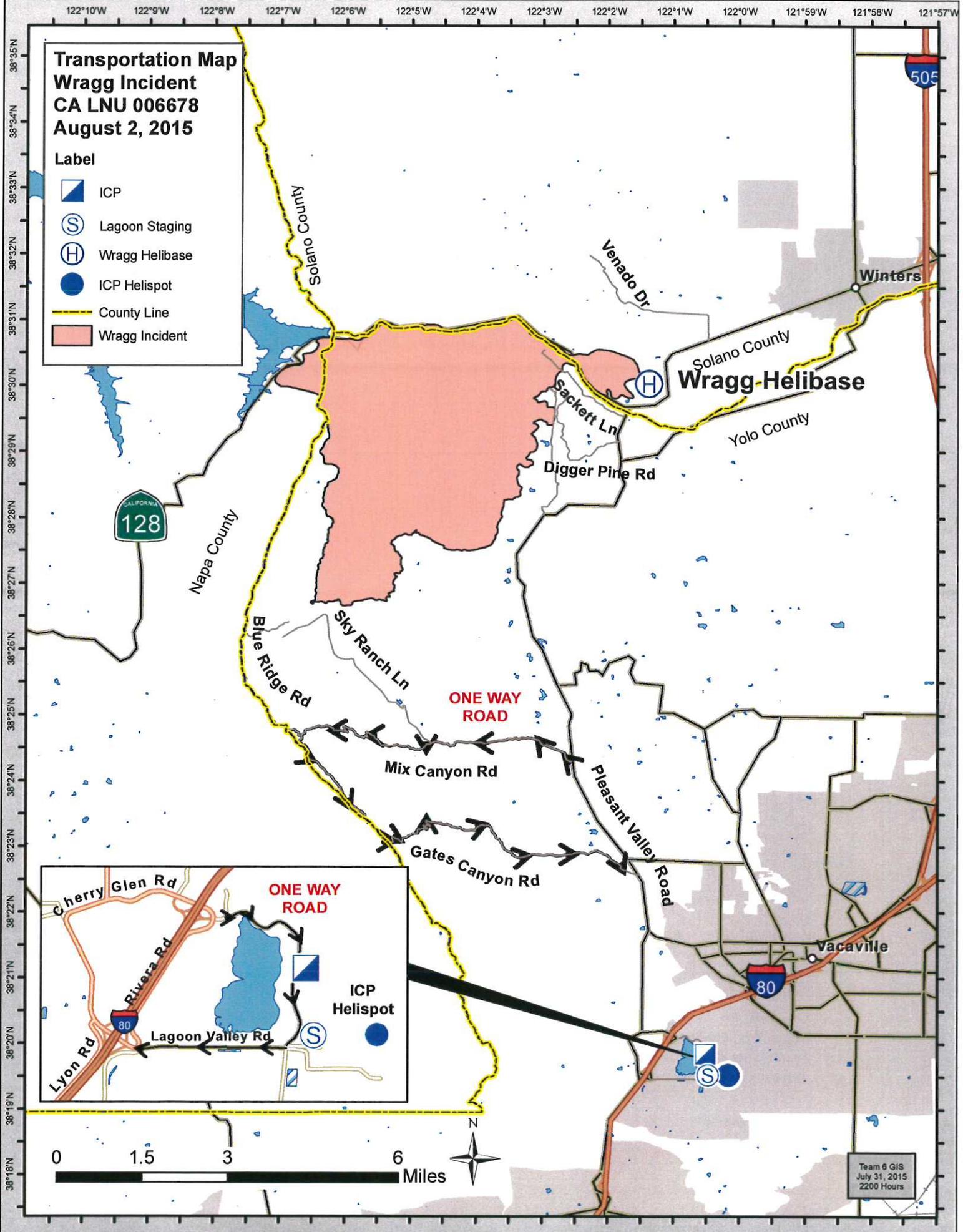
Spacing criteria is a general guide. Actual location of waterbreaks should be tailored to the topography and placement suited to the best dispersal of water flow.



**Transportation Map
Wragg Incident
CA LNU 006678
August 2, 2015**

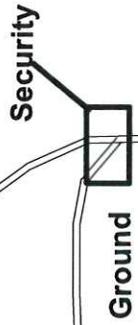
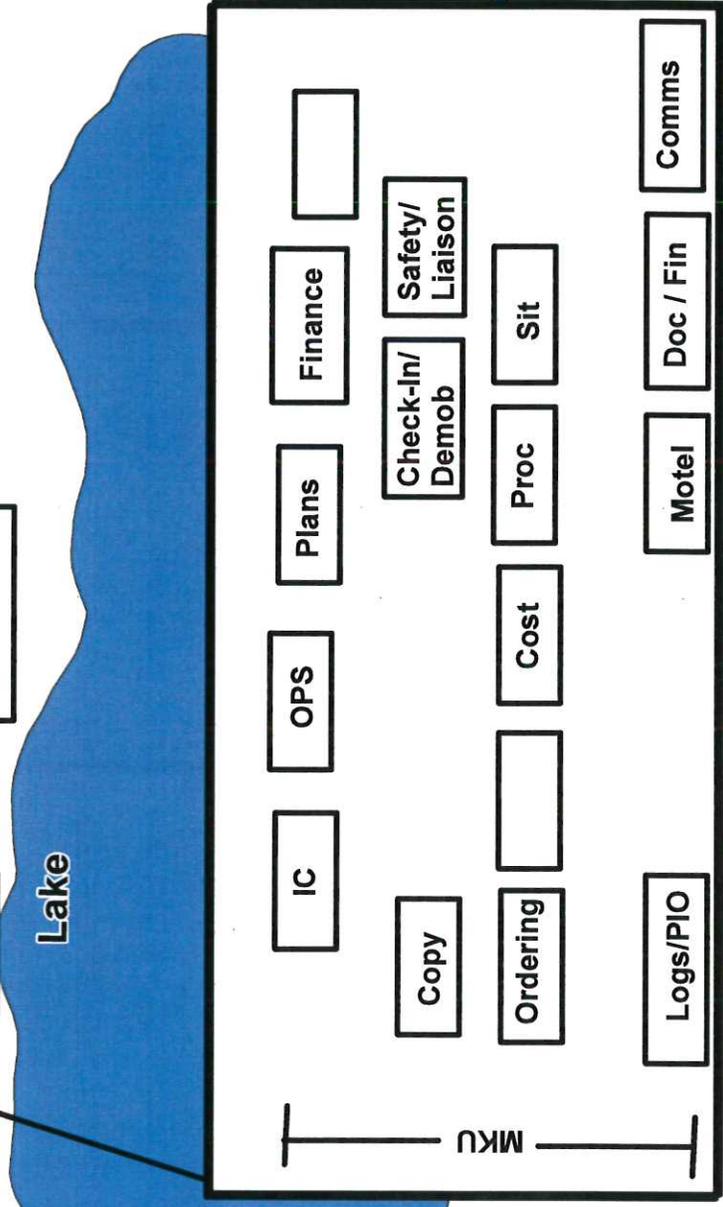
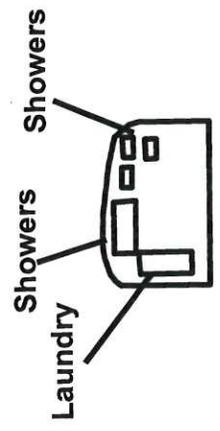
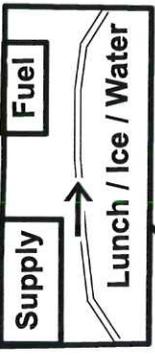
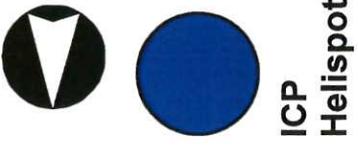
Label

-  ICP
-  Lagoon Staging
-  Wragg Helibase
-  ICP Helispot
-  County Line
-  Wragg Incident



Team 6 GIS
July 31, 2015
2200 Hours

Facilities Map
Wragg Incident
CA-LNU-006678
August 2, 2015
 → Traffic Pattern



Entrance

Team 6 GIS
 July 2015
 2200 Hours
 HES

