

SITES COMPLEX

CA-LNU-005038

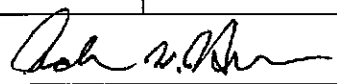
INCIDENT ACTION PLAN OPERATIONAL PERIOD

*July 14 – July 17, 2012
0700-0700*



INCIDENT OBJECTIVES	1. Incident Name SITES COMPLEX	2. Date 7/14/12 - 7/17/12	3. Time 1400												
4. Operational Period 0700- 0700															
5. General Control Objectives for the Incident (Include alternatives) MANAGEMENT OBJECTIVES: Provide for Firefighter Safety Keep costs commensurate with values at risk Maintain positive public contact CONTROL OBJECTIVE: Keep the fire within the existing control lines															
6. Weather Forecast for Period Hot and dry with maximum temperatures over the four day period between 85 and 98 degrees; daytime RHs 10-25% and winds < 10 mph. See attached 5-day forecast for specific information for each shift.															
7. General Safety Message Continually monitor your personnel for signs and symptoms of dehydration. Rehydrate by drinking plenty of water. Drive defensively; narrow roads and bridges make driving hazardous.															
8. Attachments (mark if attached)															
<table border="0"> <tr> <td><input checked="" type="checkbox"/> Organization List - ICS 203</td> <td><input checked="" type="checkbox"/> Medical Plan - ICS 206</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204</td> <td><input checked="" type="checkbox"/> Weather</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/> Communications Plan - ICS 205</td> <td><input checked="" type="checkbox"/> Fire Suppression Repair Plan</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/> Safety Message</td> <td><input checked="" type="checkbox"/> Incident Map</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 type="checkbox"/>	<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Weather	<input type="checkbox"/>	<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input checked="" type="checkbox"/> Fire Suppression Repair Plan	<input type="checkbox"/>	<input checked="" type="checkbox"/> Safety Message	<input checked="" type="checkbox"/> Incident Map	<input type="checkbox"/>
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9. Prepared by (Planning Section Chief) Pam Linstedt		10. Approved by (Incident Commander) Greg Bertelli <i>GB</i>													

ORGANIZATION ASSIGNMENT LIST ICS 203		1. INCIDENT NAME	2. DATE PREPARED	3. TIME PREPARED
				SITES COMPLEX
5. INCIDENT COMMANDER AND STAFF		4. OPERATIONAL PERIOD (DATE/TIME)		
		7/14/12 – 7/17/12 0700-0700		
POSITION NAME		9. OPERATIONS SECTION		
INCIDENT COMMANDER	GREG BERTELLI 707-481-2362	DAY		
DEPUTY		DEPUTY		
SAFETY				
INFORMATION OFFICER		a. REPAIR GROUP		
LIAISON OFFICER		GROUP SUPERVISOR	ED ORRE 831-212-7804	
6. AGENCY REPRESENTATIVES				
AGENCY	NAME			
7. PLANNING SECTION				
CHIEF	JOHN LOVIE 707-320-3177	b.		
DEPUTY				
RESOURCE UNIT				
SITUATION UNIT				
DEMOBILIZATION UNIT	EXPANDED 707-967-4206			
DOCUMENTATION UNIT				
HIRED EQUIP. T.S.				
CREW TECH SPEC.				
GIS TECHNICAL SPEC.				
TRAINING TECH SPEC.				
ARCHAEOLOGIST				
8. LOGISTICS SECTION				
CHIEF	JESSE MORRIS 707-953-0613			
DEPUTY				
a. SUPPORT BRANCH				
SUPPLY UNIT				
FACILITIES UNIT				
GROUND SUPPORT UNIT	CHRIS GLAVICH 707-484-9082			
b. SERVICE BRANCH		10. FINANCE/ADMINISTRATION SECTION		
COMMUNICATIONS UNIT		CHIEF	BART KRIEK 530-448-2402	
		DEPUTY		
MEDICAL UNIT		TIME UNIT	LESLIE MARG	
		PROCUREMENT UNIT	HARPER KEENE	
		COMPENSATION/CLAIMS UNIT	DALE BARNETT	
FOOD UNIT		COST UNIT	NICK WELCH	
ICS 203		PREPARED BY: ANDREW HUBBS (RESL T)		



SITES COMPLEX 5 Day Fire Weather Forecast

NAME OF FIRE: Sites Complex
UNIT: LNU
DATE AND TIME
FORECAST ISSUED: 12 July 2012 1000 PDT

PREDICTION FOR: Day Shifts
SHIFT DATES: 7/14 – 7/18
SIGNED: Jeff Tonkin IMET

FireWeather Discussion: A Pacific trough will persist over northern California through Wednesday. This will lead to a general cooling trend over the next several days. Relative Humidity values will return to seasonal normals. Scattered clouds and isolated showers and thunderstorms are possible mainly over the Sierra. Wind will be generally out of the southwest along higher elevations while lower elevations remain terrain driven.

For the latest fire weather forecasts and spot forecast requests, visit:
<http://www.wrh.noaa.gov/firewx/?wfo=sto> or call the National Weather Service in Sacramento at: (916) 979 - 3047

<p>Saturday (Jul 14) <u>Upper Slope/Ridge</u></p> <p>Sky/Weather: Continued Hot and dry. Max Temp: 93 - 98 Min RH: 10 – 15% Wind: Southwest 3 to 5 mph.</p>	<p style="text-align: center;"><u>Lower slope/Drainage</u></p> <p>Max Temp: 95 to 100 Min RH: 8 to 10% Wind: Upslope or Southwest 3 to 6 mph.</p>
<p>Sunday (July 15) <u>Upper Slope/Ridge</u></p> <p>Sky/Weather: Cooler. Max Temp: 88-93 Min RH: 12 – 16% Wind: SW 4 to 6 mph...Gusts to 10 mph.</p>	<p style="text-align: center;"><u>Lower slope/Drainage</u></p> <p>Max Temp: 90 - 95 Min RH: 10 – 12% Wind: Upslope 2 to 4 mph.</p>
<p>Monday (July 16) <u>Upper Slope/Ridge</u></p> <p>Sky/Weather: Sunny. Max Temp: 87 to 92 Min RH: 14 to 18% Wind: SW 4 to 6 mph...Gusts to 10 mph.</p>	<p style="text-align: center;"><u>Lower slope/Drainage</u></p> <p>Max Temp: 89 - 93 Min RH: 11 to 14%. Wind: Upslope 3 to 5mph.</p>
<p>Tuesday (July 17) <u>Upper Slope/Ridge</u></p> <p>Sky/Weather: Mostly Sunny Max Temp: 85 to 89 Min RH: 20 to 25% Wind: South and Southwest 4 to 7 mph.</p>	<p style="text-align: center;"><u>Lower slope/Drainage</u></p> <p>Max Temp: 87 to 91 Min RH: 17 to 22% Wind: West or upslope 4 to 8 mph.</p>
<p>Wednesday (July 18) <u>Upper Slope/Ridge</u></p> <p>Sky/Weather: Mostly Sunny Max Temp: 83 - 88 Min RH: 25% Wind: Southwest 4 to 7 mph.</p>	<p style="text-align: center;"><u>Lower slope/Drainage</u></p> <p>Max Temp: 50 to 60 Min RH: 80% Wind: Upslope 3 to 4 mph.</p>

Jeff Tonkin – Sites Incident Meteorologist

SAFETY MESSAGE

INCIDENT NAME
SITES COMPLEX

Date
Prepared
07/13/12

Time
Prepared
1400

OPERATIONAL PERIOD (DATE/TIME)
7/14-7/17/2012 0700-1900/1900-0700

- Be cautious of fire weakened or partially burnt hazard trees, falling Oaks and Gray Pines have been reported.
- Fires look innocent before “flare-ups” or “blow-ups”. In some cases, tragedies may occur in the mop-up stage.
- Maintain Attentiveness; don't be deceived by the fire's passive appearance.
- Prevent dehydration by drinking frequently throughout each working hour. Drink plenty of water with meals; continue replacing fluids while off shift. Plan ahead don't allow water to run out before resupplying.
- Be cautious of rattlesnakes, hornets and wasps.
- Remember when following LCES, post enough lookouts to have a good vantage of the entire hazard area.
- Follow the “Ten Standard Fire Fighter Orders” and “Eighteen Situations that Shout Watch Out”. Be cognizant of increasing ridge top winds during the evening hours.
- Beware of traffic on highways and roads.

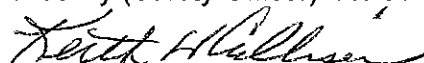
Ensure firefighters have good anchor points, escape routes, and safety zones.

Remember LCES.



Lookout(s), Communication(s), Escape routes and Safety zone(s)

Prepared By:
Keith Callison

Approved By (Safety Officer) Keith Callison



DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group Sites Complex			
3. Incident Name SITES COMPLEX		4. Operational Period Date: 7/14/12 - 7/17/12 Time: 0700-0700					
5. Operations Personnel							
Operations	Greg Bertelli		Division/Group Supervisor				
Branch Director			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		
ENG TGU E2564	John Altamiarno	3	N	DP1 / 0800	1900		
ENG TGU E2574	Ryan Kinyon	3	N	DP1 / 0800	1900		
ENG LNU E1481	Chris Rickert	4	N	DP1 / 0800	1900		
ENG LNU E1469	Sean Jerry	3	N	DP1 / 0800	1900		
ENG LNU E1463	Jeff Meyer	3	N	DP1 / 1900	0700		
ENG LNU E1470	Derek Schepkens	3	N	DP1 / 1900	0700		
ENG LNU E1473	Jeff Hohn	3	N	DP1 / 1900	0700		
STG TGU 9144G	James Robbins	32	N	DP1 / 0800	1900		
WT E-55	Randy Strieff	1	N	DP1 / 0800	1900		
7. Control Operations Mop up and patrol.							
8. Special Instructions Watch out for rolling material and steep terrain. Beware of traffic on narrow roads. Back haul trash to Drop Points. TGU 9144G will report to Drop Point 1 at 0930 on 7/15, 7/16 and 7/17. Resources in bold are on night shift.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	159.3000 Tx	King NIFC	CDF C1 Tone 12 or 13	Logistics		King NIFC	
	151.3550 Rx						
Tactical Div/Group	154.2650	King NIFC	VFIRE 22	Air to Ground	151.2200	King NIFC	CDF A/G
Prepared by (Resource Unit Ldr.) Andrew Hubbs (RESL T) <i>AH</i>		Approved by (Planning Sect. Ch.) Pam Linstedt (PSC1) <i>PL</i>		Date 7/13/12		Time 1700	

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group Suppression Repair Group		
3. Incident Name SITES COMPLEX			4. Operational Period Date: 7/14/12 – 7/17/12 Time: 0700-0700				
5. Operations Personnel							
Operations		Greg Bertelli		Division/Group Supervisor		Edgar Orre	
Branch Director				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		
KONOCTI CREW 3	Kevin Ryan	16	N	0800	1900		
DELTA CREW 6	Kelly Blue	14	N	0800	1900		
DOZ E-7	David Perry	1	N	0800	1900		
DOZ E-35	Brenden Simunaci	1	N	0800	1900		
DOZ E-36	Bruce Fields	1	N	0800	1900		
DOZ E-42	Jesse McNames	1	N	0800	1900		
WT E-24	Anthony Wanzer	1	N	0800	1900		
WT E-25	Sam Cookson	1	N	0800	1900		
WT E-52	Raymond Elmer	1	N	0800	1900		
WT E-82	Ron Belion	1	N	0800	1900		
GRD E-114	Ed Little	1	N	0800	1900		
BKH E-127	John Stugelmeyer	1	N	0800	1900		
DOZB	Joshua Clelland	1	N	0800	1900		
FOBS	Patrick McDaniel	1	N	0800	1900		
FOBS	Damon Denman	1	N	0800	1900		
FOBS	David Ahmadi	1	N	0800	1900		
FOBS	Chris Curtis	1	N	0800	1900		
FOBS	Collin Bryant	1	N	0800	1900		
7. Control Operations Install water bars, fix fences, clean culverts and dip crossings. Reporting location will be assigned by Group Supervisor.							
8. Special Instructions Wear Personal Protective Equipment. Watch out for civilian traffic.							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	159.3000 Tx	King NIFC	CDF C1 Tone 12 or 13	Logistics		King NIFC	
	151.3550 Rx						
Tactical Div/Group	154.2650	King NIFC	VFIRE 22	Air to Ground	151.2200	King NIFC	CDF A/G
Prepared by (Resource Unit Ldr.)  Andrew Hubbs (RESL T)		Approved by (Planning Sect. Ch.) Pam Linstedt (PSC1) 		Date 7/13/12		Time 2100	

AIR OPERATIONS SUMMARY

(Expanded Form for Large Operations)

OPERATIONAL PERIOD DATE: DAY SHIFT DATE: 07/14 to 07/17/2012 START: 0800 END: 2004

1. INCIDENT NAME: Sites	2. PREPARED BY: C. Avina	PREPARED DATE/TIME: 07/13/2012 0830	3.
4. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): *Divisions contact IC/ Ops. on CDF 1 Tone 12 for request for a Copter and the order will be placed through LNU ECC* Hazards: TOWER HAZARD AT THE SOUTH WEST CORNER OF THE FIRE			
		SUNRISE: 0559	SUNSET : 2034
		5. TFR NONE	

6. PERSONNEL	Phone	7. FREQUENCIES			8. FIXED-WING # Avail / Type/Make-Model / FAA NR / Base(s)			
		AM	FM					
AOBD:		AIR/AIR FW:			Air Tactical			
HLCO:		AIR/AIR RW:			Lead planes			
ASGS:		AIR/GROUND:	151.220		Airtankers			
HEBM		DECK:		Command 1/ Tone 12	Other :			
HEMB		COMMAND RPT						
		Air Guard						

9. HELICOPTERS (Use Additional Sheets As Necessary)

FAA N#	TY	MAKE/MODL	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/MODL	BASE	AVAIL	START	REMARKS
NONE						Place Request							

INCIDENT RADIO COMMUNICATIONS PLAN		Incident Name SITES COMPLEX			Date/Time Prepared 07/13/12 1230	Operational Period Date/Time 07/14/12-07/17/12 0700-0700			
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone/NAC	TX Freq N or W	TX Tone/NAC	Mode A, D or M	Remarks
1	COMMAND	CDF C1	COMMAND NET	151.3550 N	103.5	159.3000 N		A	Tone 12 or 13
2									
3									
4									
5	TACTICAL	VFIRE 22	SITES COMPLEX	154.2650 N		154.2650 N	156.7	A	
6									
7									
8									
9									
10									
11	AIR/GROUND	CDF A/G	AIR TO GROUND	151.2200 N		151.2200 N		A	
12	EMS	CALCORD	EMS Emergencies	156.0750 N		156.0750 N		A	FOR EMS ON THE INCIDENT
13									
14	EMERGENCY USE	GUARD	EMERGENCY USE	168.6250 N		168.6250 N	110.9	A	FOR EMERGENCY USE ONLY
15									
16	EMERGENCY USE	GUARD	EMERGENCY USE	168.6250 N		168.6250 N	110.9	A	FOR EMERGENCY USE ONLY
17									
18									
19									
20	EMERGENCY USE	GUARD	EMERGENCY USE	168.6250 N		168.6250 N	110.9	A	FOR EMERGENCY USE ONLY

Prepared By (Communications Unit)
 Kyle Johnson COM1
Kyle Johnson COM1

Incident Location Near the Community of Sites
 County Colusa State CA Latitude 39 21.2150 N Longitude 122 23.5730 W

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (e.g. Project 25) or "M" indicating mixed mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

MEDICAL PLAN ICS 206	1. INCIDENT NAME SITES COMPLEX	2. DATE PREPARED Jul 13 2012	3. TIME PREPARED 1000	4. OPERATIONAL PERIOD 7/14 - 7/17 2012
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5. INCIDENT MEDICAL AID STATIONS			
MEDICAL AID STATIONS	LOCATION	PARAMEDICS	
		YES	NO
N/A			

6. TRANSPORTATION				
A. AMBULANCE SERVICES				
NAME	LOCATION	PHONE	PARAMEDICS	
			YES	NO
AMR Yolo County	545 Jefferson, West Sacramento	800-913-9112	X	
CAL STAR 8	Vacaville Airport, Nut Tree	831-335-6719	X	
Enloe Flight Care	Chico	530-895-9221	X	

B. INCIDENT AMBULANCES			
NAME	LOCATION	PARAMEDICS	
		YES	NO
N/A			

7. HOSPITALS								
NAME	ADDRESS	TRAVEL TIME		PHONE	HELIPAD		BURN CENTER	
		AIR	GRND		YES	NO	YES	NO
Med Net Channel								
Woodland Memorial Hospital	1325 Cottonwood St. Woodland, CA.		30 Min	530-662-3961		X		X
Colusa Medical Center	199 East Webster St. Colusa, CA.		15 Min	530-458-3287		X		X
UC Davis Med Center	2315 Stockton Blvd. Sacramento, CA	20 Min	60 Min	916-734-2011	X		X	

8. MEDICAL EMERGENCY PROCEDURES	
<p>EMERGENCY FREQUENCY:</p> <p>LINE EMERGENCY: Crew Supervisor will contact IC with patient complaint/condition and location.</p> <ul style="list-style-type: none"> IC contacts: <ol style="list-style-type: none"> Closest EMS resource St. Helena ECC IC or designee will serve as point of contact and run medical emergency on assigned channel. <ol style="list-style-type: none"> A pre-assigned tactical frequency may be assigned (CALCORD) should be used for IWI and only for duration of need. 	<p align="center"><u>INJURY REPORTING PROCEDURES</u></p> <p>NATURE OF INJURY _____</p> <p>LOCATION OF PATIENT _____</p> <p>POINT OF CONTACT _____</p> <p>TRANSPORTATION REQUESTED BY: AIR ___ GROUND ___</p> <p>POINT OF PICKUP _____</p> <p>LAT _____ LONG _____</p> <p>PATIENT UNIT ID _____</p> <p>IS AN EMT WITH PATIENT: YES ___ NO ___</p> <p>AGE _____</p> <p>SEX: MALE ___ FEMALE ___</p> <p align="center">ALL EMERGENCIES---Secure the area and identify witnesses for later investigation. Keep an accurate log of events.</p>

ICS 206 (Rev 03/12) FR	9. PREPARED BY: (Medical Unit Leader) Brian Robbins	10. REVIEWED BY: (Safety Officer) 
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Fire Suppression Repair Group - Sites Complex

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 caused by the fire. We cannot upgrade facilities beyond their pre-fire condition. Any projects too large or complicated to be completed by the Fire Suppression Repair Group shall be turned over to the Comp/Claims Unit or the local Unit.

Thanks to the many experienced personnel on this fire, a great deal of suppression repair work has already been completed. The remaining work shall be done when and where fire suppression activities are completed and Operations have authorized. The Fire Suppression Repair Group resources shall be looking in all Divisions for appropriate repair needs. This includes areas inside and outside the fire perimeter provided the damage was caused by official fire suppression personnel.

Infrastructure Damage

This category includes damage to:

- Fences and gates
- Culverts/ bridges/ other watercourse crossings
- Water sources
- Utility distribution lines; above or below ground
- Road barriers removed for fire access
- Trash, debris and supplies left by fire suppression activities
- Misc. damage to residential property

Natural Resource Damage

This category includes repair of existing problems caused by fire suppression activities (direct effect) to natural resources and to prevent likely future problems such as accelerated erosion caused by winter rains (indirect effect). The goal is to minimize:

- Soil erosion;
- Adverse impacts to water quality;
- Adverse impacts to protected species of plants and animals

Dozers constructed most of the fire perimeter and all of the contingency lines. Dozer line width ranges greatly. The following measures shall be implemented for constructed dozerline:

- Berms and push-piles shall be dispersed spread out to the extent feasible. This is may be accomplished by back-blading and /or using ripper shanks or grapples if present. Debris piled against trees or perched above watercourses are especially important to correct.
- Maximum spacing of waterbreaks shall be as follows:

<u>Prevailing Gradient</u>	<u>0-10%</u>	<u>11-25%</u>	<u>26-50%</u>	<u>>50%</u>
Maximum Waterbreak Spacing	200 Feet	150 Feet	100 Feet	75 Feet

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

- Waterbreaks shall be constructed at an approximately 45 degree angle and shall be a minimum depth of 10 inches from the bottom of the cut to the top of the berm. Where possible 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 at least as good a condition as they were found. Gravel and soil surface roads shall be watered to prevent excessive dust formation. Where suppression activities have damaged or rendered road drainage facilities non-functional, waterbreaks or drivable drainage dips shall be installed for drainage.
- Where suppression activities have filled in or damaged inside ditches, the ditches shall be cleaned and left unobstructed.

