# **Incident Action Plan**

Butler Fire CA-SRF-1388 P5HS91



Night Shift August 14 - 15, 2013 1800 to 0600

INCIDENT OBJECTIVES	1. Incident Name		2. Date	3. TI	Ime 20:34						
4. Operational Period	Butler		8/14/2013		20:34						
	8/1//20	13 - 8/15	/2013 1800 - 0600								
5. General Control Objectives for the Incide	8/14/2013 - 8/15/2013 1800 - 0600										
MANAGEMENT OBJECTIVES		d fou fiu	finkton and public oaf								
Ensure all suppression	-			ety.							
Minimize the loss or dar	-		e fire area.								
Minimize damage to cult											
Keep costs commensur				· - !-!							
Protect wilderness value	-	Impact St	ippression Techniques	as identi	fied in the plan.						
Prepare for transition of	command.										
OPERATIONAL OBJECTIVES											
<ul> <li>Complete structure defe</li> <li>Keep the fire:</li> </ul>	Inse preparation aid	ong river	corriaor.								
-	-f the Colmon Divo	- te Ustal									
	of the Salmon Rive			1 O	•.						
			ountain continuing to S	almon Su	immit.						
	from Somes Moun										
<ul> <li>North of the Sisk</li> </ul>	kiyou / Trinity Coun	ty line fro	om Salmon Summit to H	lotelling I	Ridge.						
6. Weather Forecast for Perlod											
See attached forecast											
7. Resource Protection Guidelines											
During firing operations	minimize higher in	tensitv fi	re and torching especia	ully in ripa	arian areas. mature oak						
stands, plantations and											
<ul> <li>Avoid Air operations dip Creeks.</li> </ul>	ping from the mou	ths of Cra	appo, Nordheimer, Moc	rehouse,	Butler and Wooley						
<ul> <li>Fire personnel shall be a on clothing, vehicles an</li> </ul>				and sprea	ad of invasive weeds						
(red and white) flagging	<ul> <li>Consult READs or Tribal Heritage Consultants when encountering areas designated with candy stripped (red and white) flagging. On the Klamath National Forest heritage areas are designated with Orange &amp; White stripped flagging.</li> </ul>										
8.	Attachments (m	nark if atto	ched)								
Organization List - ICS 20	03	Medical P	lan - ICS 206 🛛	Weather	r						
🛛 Div. Assignment Lists - IC	xs 204	Incident N	1ap 🛛	Safety M	lessage						
🛛 Communications Plan -	ICS 205	Traffic Pla	ח 🖂	LCES Wo	orksheet						
9. Prepared by (Planning Section Chief)		10	. Approved by (Incldent Comm	ander)							

ORGANIZAT	ION ASSIGNMEN	IT LIST	9. Ope	erations	Section		
1. Incident Name			Day Ops Chief	Dale S	Shippelhoute	/ Scott Lucas (t)	
	Butler		Night Ops Chief	Steve	Raymer		
2. Date		3. Time	Planning Ops	Dan G	eorge / Eric	Petterson (t)	
8/14/2013		20:34	a. Branch		sion/Groups		
4. Operational Period			Branch				
08/14/2013 – 08/1	5/2013	1800 - 0600	Division/Group	A	Tony I	McWilliams	
Position	Ν	lame	Division/Group	В	Mark E	Bernal	
5. Incident Comma	ander and Comman	d Staff	Division/Group	С	Unstat	ffed	
Incident Commander	Matt Johnson		Division/Group	D	Unstat	ffed	
Deputy IC	Joe Molhoek		Division/Group	E	Unstat	ffed	
Liaison	Tim Fike		Division/Group				
Safety Officer	T. O'Connell / S. I	Davis / S. Charley	Division/Group				
Information Officer	Adrienne Freema	n	b. Di	vision/G	iroups		
			Division Group	F	Unstaf	fed	
6. Agency	y Representative		Division/Group	G	Unstaf	fed	
Agency	Name		Division/Group	Н	Unstaf	fed	
Acting Agency Admin	Tyrone Kelley		Division/Group	K		fed	
Acting Agency Admin Rep	Nolan Colegrove		Division/Group	W	Tom B	rowning	
FS Cultural Rep	Frank Lake		Division/Group	Firir	ng Unstaf	fed	
Lead Resource Advisor	Corrine Black		Staging Area Manager	Stagi	ng Unstaf	fed	
County Sheriff	Kevin Miller		Resource Advisor	Roa	d Unstaf	fed	
Hoopa Tribal Chair	Danielle Vigil-Mas	sten					
Karuk Tribal Rep	Bill Tripp		Division/Group				
Hoopa Agency Rep	Rod Mendes		Division/Group				
IARR	Duane Tewa / Orl	ando Carroll	Division/Group				
CCC Rep	Susan Jones		Division/Group				
			d. Air Operations Branch				
7. Planning Section			Air Operations Branch Dire	ector	Dennis Kust	er	
Chief	Patrick Farrell		Air Support Group Supervi	isor	Scott Plue		
Deputy	John Owen (t)		Air Tactical Group Supervi	sor	Joel Lane / D. Williams (t)		
	Duane Miller (t)		Air Tactical Group Supervi	sor	Carl Piper		
Situation Unit	Brian Ebert / Matt	Brown(t)	HeliBase Manager		Brad Bernardy		
Documentation Unit	Jessica Hollingwo	rth					
Demobilization Unit	Dean Lutz						
Fire Behavior Unit	Ken Larson / Tarc	Pusina(t)	10. Finance Section	n			
Incident Meteorologist	Jeff Tonkin / Chris	stian Cassell (t)	Chief		Beth Lopez		
Technical Specialist	John Miller		Personnel Time Unit		Penny Portlo	ock	
Training Specialist	Liz Younger		Equipment Time Unit		Juanita Cort	ez	
		rk Grupe / K. Roehrs	Cost Unit			on / S. Rapphahn(t)	
	Monique Dumlao		Compensation / Claim Uni	t	Tina Kenned	-	
	ogistics Section		IBA		Doris Blackr	ner	
	Jack Costello						
		Imon Spike Camp)					
	Tracey Valentine				0		
	Ric Crowther / Ro	bin Davis (t)	Prepared By: Duane Miller	- RESL	(t)		
	John Fell						
	Jim Lewis / Don S						
		Jennifer Kraushaar	ar				
	Kevin Browning						
ICS 203							





# **Butler Fire Incident Weather Forecast**

FORECAST NO: 12 N PREDICTION FOR: SHIFT DATE: FORECAST ISSUED: 1000 August 14<sup>th</sup>, 2013

Wednesday Night Shift August 14/15, 2013

NAME OF FIRE: Butler Fire UNIT: SRF Incident Meteorologist: Jeff Tonkin Christian Cassell(T)

\_\_\_\_\_

WEATHER DISCUSSION:

One more relatively drier night is in store before stronger Southwest winds and a pronounced upvalley/updrainage flow (much like a sea breeze) brings increasing humidity levels to the incident area beginning Thursday and lasting into Saturday. Expect smoke to persist indefinitely through the drainages without a weather front to pass through and scour it out. Temperatures and RH values Thursday through Saturday will moderate from today's temperature and humidity values as a result. By Sunday conditions will quickly trend hotter and drier as weak offshore flow develops.

#### WEATHER FORECAST TONIGHT (WEDNESDAY NIGHT SHIFT):

WEATHER: Partly Cloudy. Areas of smoke...most dense in the Salmon River drainage. MIN TEMPERATURES: 52 to 60. MAX RH: 45 - 55% (ridges) to 70 - 80% (drainages) WIND: West or Upslope/Upvalley 4 to 7 mph with gusts to 12 mph until 2000 PDT...becoming East or Downvalley 1 to 4 mph.

WEATHER FORECAST THURSDAY DAY SHIFT:

WEATHER: Mostly sunny becoming partly cloudy. Areas of smoke.

MAX TEMP: Elev. 1000 ft: 91 - 97 F Elev 2500 ft: 82 - 88 F Above 4000 ft: 75 - 81 F Elev. 1000 ft: 25 - 32% Elev 2500 ft: 30 - 37% Above 4000 ft: 33 - 40% MIN HUMID: WIND: West or Upslope 2 to 5 mph...becoming Southwest or Upslope/Upvalley 5 to 10 mph with gusts 15 to 20 mph in the afternoon.

OUTLOOK FOR THURSDAY NIGHT SHIFT:

WEATHER: Partly Cloudy. Areas of smoke...most dense in the Salmon River drainage. MIN TEMPERATURES: 52 to 60. MAX RH: 60 - 70% (ridges) to 80 - 90% (drainages) WIND: West or Upslope/Upvalley 4 to 7 mph with gusts to 12 mph until 2000 PDT...then remaining West 1 to 4 mph through sunrise.

#### FRIDAY THROUGH SATURDAY:

WEATHER: Partly to Mostly Cloudy. Areas of smoke. WIND: West or Upvalley/Updrainage 4 to 8 mph gusting to 12 to 18 mph Thursday. Light West or Downvalley wind 1 to 4 mph overnight. Good RH recoveries especially Friday night. MIN TEMPERATURES: 50 to 58. MAX RH: 60 to 70%

EXTENDED OUTLOOK SUNDAY THROUGH MONDAY: WEATHER: Clear skies. Areas of smoke. Becoming much warmer and drier. WIND: North to Northeast 4 to 8 mph at ridgetops. Normal terraindriven winds otherwise.MIN TEMPERATURES: 55 to 65. MAX RH: 50 to 60%

# FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 26	TYPE OF FIRE: Wildland Fire
FIRE NAME: Butler	OPERATIONAL PERIOD: Night, August 14-15, 1800 - 0600 TIME ISSUED: 1030
DATE ISSUED: August 14, 2013 UNIT: Klamath NF, Ukonom RD	SIGNED: /s/ Taro Pusina, FBAN (t)
IN	IPUTS
WEATHER SUMMARY: See attached Incident Meteoro	ological Forecast
<b>Discussion:</b> Tonight will be warm and dry again. From Thursday throug pronounced upvalley/updrainage flow with increasing relati through Saturday. Conditions will become warmer and dry	ive humidities. Temps and RH's will moderate from Thursday
Weather: Partly cloudy and smokey Min Temp: 50-60° Max RH: 70-80% drainages and midslope, 45-55% ridge Eye Level Winds: West/upslope 4-7 mph, gusts to 12 unti	
Strong inversion likely	
· · ·	251141/102
FIRE E	BEHAVIOR
GENERAL: ERC of 56 is near the 90 <sup>th</sup> percentile	
Before dark worst case scenario predicted fire behavior: F headfire and isolated torching, short duration uphill runs wi	Flame lengths 3-6' and maximum spread rates of 5-10 ch/hr for ith up to ¼ mi spotting, probability of ignition 40-50%.
<u>Nighttime</u> predicted fire behavior: Low activity during the n probability of ignition down to 20%.	hight with 1-2' flame lengths, 1-2 chains/hour rate of spread,
	on River filling in unburned pockets of vegetation across from potting can be expected until around midnight. Fire will also
<b>Division H:</b> Fire expected to continue moving upslope/upo Mountain. Moderate rates of spread until dark, then low fla	canyon in Hammel Creek drainage toward Div. H and Orleans ame lengths and rates of spread.
<b>Divisions K, W:</b> Fire across Butler Creek has reached div Fire will continue to burn upslope towards Division K. Isola the evening until around midnight.	vision W and will continue to flank to the east toward DP-8. ated torching and short duration crown fire runs are possible in
AIR OP	PERATIONS
Poor visibility under an inversion during morning hours	
08/14 Sunset – 20:13 08/15 Sunrise – 06:23	
S/	AFETY
<ul> <li>Burnout operations may result in fire running back</li> <li>Structure Protection Lessons Learned from the Jesusit</li> </ul>	towards control lines when rollout occurs on steeper slopes. ta Fire:

- Most interface fires occur under high wind conditions, creating rapidly moving fires, extreme fire behavior, long range spotting and multiple fire fronts.
- Spot fires create multiple fire fronts and firefighters are often surrounded by flames, showered by burning embers and are subjected to dense smoke during the battle.

DIVISION ASSIGNM	ENT LIST		1. Branch			2. [	Division/Gro	up		
								Α		
3. Incident Name			4. Operati	4. Operational Period NIGHT OPERATIONS					NS	
Butler			Date: 08/14/2013 - 08/15/2013 Time: 1800 - 060						0600	
5.		(	Operations Personnel							
Operations Chief Steve R	aymer			Division/Grou	p Superviso	<sup>or</sup> To	ny McW	illiams		
Branch Director				Air Operation	IS	De	ennis Kus	ter		
6.		Reso	urces Assię	gned this Pe	riod	•				
Strike Team/Task Force/ Resource Designator		Leader		Last Shift	Number Persons	Trans. Needeo		Off PT./Time	•	Pick Up PT./Time
S/T SRF 2600C (E-18)	Dave Mar Jamie Will	-		8/16	27	Ν	DP-	2 / 1900		0600
ENG3 MTR01 (E-284)	Daniel Terr	rell		8/26	3	Ν	DP-2	2 / 1900		0600
ENG3 AWE E17 (E-278)	Jeff Stano	vich		8/27	3	Ν	DP-	2 / 1900		0600
WT1 V&P (E-43)	Rick Patric	k		8/21	1	N DP-2 / 1900				0600
SOF2 (O-263)	Timothy St	anton		8/21	1	Ν	DP-2	2 / 1900		0600
FEMP (O-343)	Jeff Cochr	ran		8/25	1	Ν	DP-:	2 / 1900		0600
. Control Operations										
Assess structures and pre-	ovide point p	rotectic	n							
Keep fire from crossing S	Salmon River i	road								
<ul><li>8. Special Instructions</li><li>Initiate holding actions in</li></ul>	fnecessary									
9.	Divi	ision/Gr	oup Com	munication	Summar	ſy				
Function Frequency	System		annel	Functio			Jency	System		Channel
Command RX 168.0750 TX 170.4250			11 ne 3	Emerger Use Or			8.1250 0.4750	FS ADM		1 Tone 5
Tactical RX 166.5500 Division/Group TX 166.5500			4 ne 3	Air to Gro Comma		RX 17 TX 17	1.5375 A/G			7
Prepared by (Resource Unit Leader)			pproved by (Planning Section Chief)				Date			
Duane Miller							8/14	/2013		20:35

DIVI	SION A	SSIGNMENT	LIST		1. Branch				2. Div	vision/Grou			
									В				
3. Incident Name	-	بر م الله			4. Operational Period				NIGHT OPERATIONS				
	E	Butler			Date: 08/14/2013 - 08/15/20				13 <sup>Time:</sup> 1800 - 0600				
5.				(	Operation	s Personnel							
Operations Chief		Steve Ray	mer			Division/Group Supervisor			Ма	rk Bernc	al		
Branch Director						Air Operation	IS		Der	nnis Kust	ter		
6.				Reso	urces Assię	gned this Pe	riod	<b>I</b>					
Strike Team/Task Fo Design		esource		Leader		Last Shift	Number Persons	Tra Nee		Drop C	Off PT./Time	,	Pick Up PT./Time
HC2IA Firestorm		-17) C	hris Spro	ague		8/22	20	Nee		DP-2	2 / 1900		0600
T/F MDF 3630C (		В	en Ivers ean Slin	on /		8/16	24	٩	1		2 / 1900		0600
WT2 AWD LePag (E-107)	ge #60	5 Ji	m LePa	ge		8/20	1	٩	1	DP-2	2 / 1900		0600
WT2 TT Const. (E	-41)		1atthew			8/26	1	Ν	1		2 / 1900	$\square$	0600
FEMP (O-282) FEMT (O-279)			ucas La obee Fc			8/24 8/23	1	۲ ۱			2 / 1900 2 / 1900		0600
	ucture from a	es and provid			20N								
9.				vision (Cr		munication	Summa	<u></u>					
9. Function	Fr	requency	System	-	annel	Functio		'	reque	ency	System		Channel
Command	RX	168.0750 170.4250	NIFC C3		11 ne 3	Emerger Use Or	псу	RX	168	.1250 4750	FS ADM		1 Tone 5
Tactical Division/Group		166.5500 166.5500	R5 TAC4		4 ne 3	Air to Gro Comma				.5375 5375	A/G		7
Prepared by (Resource	e Unit Le	eader)	I	Approved	proved by (Planning Section Chief)				Date			Time	
Duane Miller										8/14/	2013		20:35

DIVISION ASSIGNMENT LIST				1. Branch				2. Di	vision/Grou		G/H/K	
3. Incident Name				4. Operational Period				NIGHT OPERATIONS				
	Butler			Date:	Date: 08/14/2013 - 08/15/2013 Time: 1800 - 0600						300 - 0600	
5.			(	Operations Personnel								
Operations Chief			Division/Grou	p Supervis	or	Uns	taffed					
Branch Director	nch Director					S		Der	nnis Kus	ter		
6.			Reso	urces Assig	gned this Pe	riod						
Strike Team/Task Forc Designate			Leader		Last Shift	Number Persons	Tra Nee		Drop (	Off PT./Time	Pick Up PT./Time	
Unstaffed						1 6130113	Nee	ueu				
7. Control Operations												
8. Special Instructions												
9.		Di	vision/Gr	oup Com	munication	Summa	ry					
Function	Frequency	System		annel	Functio			reque	ency	System	Channel	
Command	RX 168.0750 TX 170.4250	NIFC C3		11 ne 3	Emerger Use Or				.1250 4750	FS ADM	1 Tone 5	
SE	E COMMUNIC/	ATION PLA	N		Air to Gro Comma				.5375 .5375	A/G	7	
Prepared by (Resource L	Init Leader)		Approved	by (Planning	g Section Chief)				Date		Time	
Duane Miller									8/14	/2013	20:36	

DIVISION	ASSIGNMEN	NT LIST		1. Branch				2. Divisio	on/Group	)		
										W		
3. Incident Name				4. Operati	onal Period			NIGH	T OPE	RATIO	NS	
	Butler			Date: 08/14/2013 - 08/15/2013 Time: 1800 - 06						- 0600		
5.			(	Operation	s Personnel							
Operations Chief	Steve Ra	ymer			Division Group	o Superviso	or	Tom B	rownir	ng		
Branch Director					Air Operation	IS		Denni	s Kuste	∋r		
6.	1		Reso	urces Assig	gned this Pe	riod						
Strike Team/Task Force/ Designator	Resource		Leader		Last Shift	Number Persons	Tra Nee	-	Drop Of	if PT./Time	•	Pick Up PT./Time
ENG6 CCP E861 (E-2	287)	Christie Lo	apaz		8/26	3	N	1	DP-8	/ 1900		0600
ENG6 PAT E405 (E-28	-	lke Isakso			8/21	4	Ν	1	DP-8	/ 1900		0600
WT2 Let-er-Buck (E-9		Mike Hav	asell		8/18	1	Ν	1	DP-8	/ 1900		0600
WT2 Ken's (E-95)	-	Don And	rews		8/18	1	Ν	1	DP-8	/ 1900		0600
WT2 Fireline Support	(E-108)	Leon Val	entin		8/18	1	Ν	1	DP-8	/ 1900		0600
PUMP ECAM (E-161)		Steve Mc	artin Jr.		8/21	1	Ν	1	DP-8	/ 1900		0600
FEMP (O-232)		Kelland V	Volf		8/20	1	Ν	1	DP-8	/ 1900		0600
<ul> <li>7. Control Operations</li> <li>Assess structure</li> <li>Keep fire from</li> <li>Be prepared to the second secon</li></ul>	n crossing Sa to support fir	almon River	r road tions	2 2 2 1								
9.		Di	vision/Gr	oup Com	munication	Summa	ry					
Function	Frequency	System	Cho	annel	Functio	n	Fi	requency	ý	System		Channel
Command	X 168.0750 X 170.4250	NIFC C3		11 ne 3	Emerger Use On			RX 168.1250 TX 170.4750		FS ADM		1 Tone 5
	X 168.2000 X 168.2000	NIFC TAC2		10	Air to Gro Comma			RX 171.5375 IX 171.5375		A/G		7
Prepared by (Resource Unit	Leader)		Approved	by (Planning	g Section Chief)			Date			Time	
Duane Miller									8/14/2	2013		20:36

Incident	Radio Communications	1. Incident I	lame		2	. Date / Time Prepared	3. Operational Period Date / Time
	Plan		Butler			8/14/2013 20:36	8/14/2013 - 8/15/2013 1800 - 0600
			Mode: W			adio Channel Utilization g, N = Narrowband, D = Digital, N	M = Mixed
Channel	Function		Frequency	Tone	Mod	Assignment	Remarks
1	F ADM TN 5	RX: TX:	168.1250 170.4750	5	N	Emergency Use Only	/ Tone 5 (146.2)
2	NIFC C45	RX: TX:	163.3375 172.2750	3	N	Road Control – Orleans Mountain	Tone 3 (131.8)
3	NIFC TAC 3	RX: TX:	168.6000 168.6000		N	DIV E/F/G	
4	R5 TAC 4	RX: TX:	166.5500 166.5500	3	N	DIV A / B	Tone 3 (131.8)
5	R5 TAC 5	RX: TX:	167.1125 167.1125	3	N	Salmon Structure Gr	oup Tone 3 (131.8)
6	R5 TAC 6	RX: TX:	168.2375 168.2375	3	N	DIV H / C / D	Tone 3 (131.8)
7	Air to Ground CM	D RX: TX:	171.5375 171.5375		N	All DIVS	Air to Ground Command
8	Air to Ground TAC	RX: TX:	171.1375 171.1375		N	All DIVs	Air to Ground Tactical
9	NIFC TAC 1	RX: TX:	168.0500 168.0500		N	DIV K	
10	NIFC TAC 2	RX: TX:	168.2000 168.2000		N	DIV W / Staging	
11	NIFC C3	RX: TX:	168.0750 170.4250	3	N	CMD	Tone 3 (131.8)
12	NIFC C10	RX: TX:	170.4125 165.9625	3	N	Unassigned	Tone 3 (131.8)
13	NIFC C41	RX: TX:	164.7750 170.4625	3	N	CMD (HOOPA/HELIBASE)	) Tone 3 (131.8)
14	NIFC C40	RX: TX:	163.0375 170.0250	3	N	CMD (ICP)	Tone 3 (131.8)
15	CALCORD	RX: TX:	156.0750 156.0750	6	N	Medical	Tone 6 (156.7)
16	AirGuard	RX: TX:	168.6250 168.6250	1	N	EMERGENCY	Tone 1 (110.9)
5. Preparec Jim Le <sup>s</sup>	d by (Communications Unit) W <b>İS</b>			o use	the To	ac they are in	· · · · · · · · · · · · · · · · · · ·

MEDICAL PLAN	1. INCIDENT N Butler Fire			te epared <b>1/2013</b>	3. TIME PREPARE 1330 Hrs		180	0-0600	ONAL PE ) <b>3-08/15</b>			
	5	. INCIDENT MED	ICAL AID	STATION	S							
MEDICAL AID STAT	IONS		LOCATION						YES	AMEDICS NO		
Frontline Medical W/MEDL Mck	Kennev	Aiken Camp ne	next to kitchen						X			
Fork of the Salmon Medical ME		Fork of the Salr							X	_		
FEMP Cochran		Div A or as dire			d Operations				X	-		
FEMP Lambert and FEMT Farre	er	Div B or as dire	cted by	Safety an	d Operations				Х			
FEMP Kelland Wolf		Div W/Z or as c				าร			Х			
REM1 REM2		Staged at DP2 Staged at Aiker				~~				X		
REIMZ		ě.			inrough Comin	15						
	A AM	6. TRANSI			סואווכ							
	A. Alvi	BULANCE SERVIN			JUND				PARA	MEDICS		
NAME			ADD	RESS		P	PHONE	= -	YES	NO		
Forks of the Salmon		Forks of the Sa	almon, C	а		FICC (7	707) 72	6-1266		Х		
Happy Camp		Happy Camp ,	Ca.			YICC (5	,		Х			
CHP H-16 (Hoist) Daylight hi	rs only	Benton Airfield	, Reddin	g, Ca. 9600	3	FICC (7 YICC (5	530) 84	2-3515	Х			
CalFire 102 (Hoist) Daylight	hrs only	Kneeland, CA				FICC (7 YICC (5	530) 84	2-3515		Х		
REACH		3775 Flight Ave	e. Reddir	ng, Ca. 960	03	FICC (7 YICC (5	530) 84	2-3515	Х			
PHI Air Medical		1524 East St. I	Redding	, Ca 96003		FICC (7 YICC (5			Х			
		B. INCIDENT	AMBULA	NCES								
NAME				-			MEDICS NO					
Arcadia Ambulance 4		Staged on t	Staged on the East Side of the fire @ DF						YES X			
City Ambulance 4			Staged on the West Side of the fire @ Aiken Ca						X			
			PITALS		_		•					
NAME	ADDRES	SS -	TRAV AIR	EL TIME GRND	PHONE		HELI YES	IPAD NO	BURN YES	CENTER NO		
	2700 Dolbeer Eureka N 40 47.02 / W 124 8		20 M	2 H	707-445-8121	121 #2				Х		
	444 Bruce St. Yreka, N41 43.13 W122 38.6		20M	2 H	530-842-4121		Х			Х		
NIAG RIVAR HASPITAL	3800 Janes Rd Arcat N 40 53.45 / W 124 5		15M	2 H	707-826-8264	Ļ	Х			Х		
Mercy Medical Center Level 2 Trauma	2175 Rosaline Ave. R N 40 34.13 / W 122 23		50M	2.5 H	530-225-7208	3	Х			Х		
Shasta Regional Medical Center Level 3 Trauma	1100 Butte, Redding, N 40 35.18 / W 122 2	Са	45 M	2.5H	530-243-4042	2	Х			Х		
UC Davis Medical Ctr. Level 1 Trauma	2315 Stockton Blvd. S Ca. N 38 33.17 / W 121 2		1.5H	5H	916-734-3636	3	х		х			
		MEDICAL EMERG	ENCY P	ROCEDUR	ES	I		. <u> </u>				
INI-C						EMERC	GENC	IES				
Minor Injuries or illnesses			• <u>St</u>	art of shift	<u>notify your Di</u>							
	the ICP Medical Unit		Ec	quipment y	ou have availa	ble for r	respor	nse if ne				
Unit Open 0600 hrs	to 2200 hrs				on Supervisor							
Moderate to Severe Injuries or			eport any n one 5	nedical emerge	encies o	on the	Admin.	Cn.				
Contact Communica	ctly	-		ur location and	Lat/ Lo	og if p	ossible					
	er hours for Emergenc	ies	•		e nature of the							
Workers Comp Reporting & Pr			•		mber of Injure t EMT's or othe							
	MEDL Available by phone or through Communications via radio					ation re	sourc	es neec				
	McKenney @ICP 877-356-8984 Young @ Salmon Camp 530-462-1518 • Hospital Liaison: Avalible through FICC					Air Ambulance/Ground Transportation/     Give rendezvous location, DP, RD or Lat/Log						
9. PREPARE	D BY (MEDICAL UNIT				10. REVIE	WED BY						
Jennifer Krau	shaar, Scott McKenne	y, MEDL Patrick Y	oung ME	:DL (T)	S. Davis							

# **Butler Incident**

**Operation Period:** 08/14/2013 Night Shift

# SAFETY MESSAGE

# Your Brain is the most important tool you bring to the fire

- Firefighting is a mental as well as a physical activity.
- Personnel responsible for the safety of others should spend the majority of their time on the mental side of firefighting.
- Those mental activities include; planning, ensuring effective communication, monitoring the fire environment, anticipating problems, and forecasting future needs.

# MAJOR HAZARDS AND RISKS

STEEP TERRAIN	ROLLING MATERIAL	HEAVY EQUIPMENT
FATIGUE	DEHYDRATION	SNAGS
SPOT FIRES	MINE SHAFTS	DRIVING

Be sure all elements of your safety plan are in place prior to engagement

Before beginning burnout OPS	<u>Risk Management</u>
Assure that:	
• Lookouts are posted.	• Keep risks commensurate with the benefit.
• Communications are established between firing and holding teams.	<ul> <li>Utilize the Risk Management Process found on page 1 of the</li> </ul>
• Escape routes are established and	IRPG.
will not be compromised by firing.	• Recognize that no injury is worth
• Firing does not out pace holders.	the ground you are working.
• Critical points such as bends in the fireline and saddles may require extra holding forces.	• Everyone is entitled to a round trip ticket. Bring them home healthy.

Nor Cal Team 2 Safety Officers Terry O'Connell, Shelby Charley, Steve Davis SOF2

### INCIDENT RISK ANALYSIS Butler (ICS 215A) Night Shift

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REME	DIES
ALL	HAZARD TREES/SNAGS	<ul> <li>Follow Hazard Tree Safety Guidelines (IRPG p. 20).</li> <li>Limit number of personnel around snags and their exposing qualified for trees being fallen.</li> <li>Be especially alert around snags during wind events or of Maintain Situational Awareness.</li> </ul>	
ALL	DRIVING HAZARDS	<ul> <li>Narrow dusty roads exist.</li> <li>Establish one-way traffic or coordinate traffic flow if nece</li> <li>Drive defensively! Expect the unexpected around every</li> <li>Drive with headlights on; use chock blocks, keep windsh backing; and use backers whenever available.</li> <li>Don't drive when fatigued. Adhere to agency driving reg</li> <li>Use care when traveling on Highway 96.</li> </ul>	curve. iields clean; look before
ALL	HYDRATION	<ul> <li>Drinking water before, during and after shifts, up to 1.5 g</li> <li>Be alert for signs of heat illness in yourself and others.</li> <li>Drink 2 to 1 water to sports drinks.</li> </ul>	jal. per shift.
ALL	ENVIRONMENTAL HAZARDS	<ul> <li>Be alert for snakes, watch footing and hand placement a</li> <li>Protect exposed skin from contact with poison oak, avoid poison oak if possible.</li> <li>Treat exposure of poison oak with Zanfel or Tecneu.</li> <li>See the medical unit for treatment.</li> </ul>	
ALL	EXTREMELY STEEP TERRAIN AND ROLLING MATERIAL	<ul> <li>Watch your footing; take your time.</li> <li>Ensure adequate spacing between crewmembers.</li> <li>Post lookouts to warn of rolling debris.</li> </ul>	
DIV W,B,	INDIRECT LINE	<ul> <li>Insure that communications between lookouts and line remaintained.</li> <li>Escape routes are identified and reevaluated continuous</li> <li>Establish trigger points for disengagement.</li> </ul>	
DIV W	FIRING OPERATIONS	<ul> <li>A written guideline shall be prepared and approved for n</li> <li>Conduct thorough briefing for all personnel (inside rear of Qualified personnel for all assignments. Trainees to hav</li> <li>Utilize Risk Mgmt. Process (IRPG p. 1) for implementing</li> <li>Required PPE to be worn by all personnel involved.</li> <li>Establish LCES prior to implementing burning operations</li> <li>Assign an over-all Firing Boss to coordinate ignitions who operations are planned for multiple locations.</li> </ul>	cover IRPG). e qualified trainers. the plan. s (IRPG p. 6).
DIV A, B, W	SPOT FIRES	<ul> <li>Size up prior to engagement.</li> <li>Watch for multiple spots.</li> <li>Ensure LCES is in place.</li> <li>Maintain Situational Awareness at all times.</li> </ul>	
DIV A, W	STRUCTURE PROTECTION	<ul> <li>Conduct thorough briefing of all personnel (Inside rear c</li> <li>Utilize Structure Assessment Checklist (IRPG p.10)</li> <li>Follow Structure Protection Guidelines (IRPG p.14)</li> </ul>	over IRPG).
DIV B,	Mine Shafts	<ul> <li>Identify and flag.</li> <li>Brief resources on mine safety protocol.</li> <li>Record location and place on map.</li> </ul>	
IINCIDENT	NAME: <b>Butler</b>	DATE PREPARED: August 14, 2013	OPERATIONAL PERIOD Night Shift 08/14-15/2013 1800-0600 Prepared by S. Davis, T. O'Connell
		TIME PREPARED: 0900 HOURS	

## AIR OPERATIONS SUMMARY

Prepared By:

Dennis Kuster Prepared Date:8/13/2013

Prepared Time: 21:30

1. INCIDENT NAME:	2. OPS PERIOD DATE:	START TIME:	END TIME:	SUNRISE:		SUNSET:
Butler	8/14/2013	0900	2100	0623		2015
3. REMARKS (Safety Notes, Hazards,	;.): 4. R	EADY ALERT AIRCF	RAFT	5. TFR #	<b>#:</b> 3/8122	
Watch for wires in the Salmon river cany	MEI	MEDEVAC- 553			Altitude: 11,000' MSL	
Beware of rapidly changing VFR condition	I.A.	- 520		<b>F</b>	400 0050	
Be prepared to assist SRF with IA.					Frequence	cy: 120.0250
Stay ready for PSD operatios.						

6. PERSC	ONNE		PHONE	#	7. FR	EQUENCIES		AM	FΜ		8. FIXE	ED-WING- T	ype/ Make	e-Model/ N	N#/ Base
AOBD		Dennis Kuster	209-352-	-0855	AIR/ AIR FW 1			120.0250			AIRTANKERS – Order as needed				
ASGS		Scott Plue	208-661	-6619	AIR/	AIR/ AIR RW 1					LEAD PLANES- Order as needed				
ATGS ATGS (1	-)	Carl Piper	530-295	-7273	AIR/	AIR RW- FF			163.	.1500	ATGS	AIRCRAFT	- AA1176 AA690F		
ATGS ATGS(T	)	Joel Lane Danny Williams	559-310- 406-853-		AIR/	GROUND		Command Tactical		.5375 .1375	Ĩ				
HEB1	-	Brad Bernardy	601-540	-6528	COM	MAND	rx		168.	.0750	H507 (	Cobra Sha	ared resou	rce betwee	en Butler and
HEB1 (T	)					t	x	Tone 3	170.	.4250		Salı	mon Fires		
Helibase	÷	Phone	530-625	-4617	DEC	K			163.	.100					
		FAX	530-625	-4620	TOL	TOLC 163.100									
Air Ops	Desk	Phone	877-353-	-6938	AER	IAL FIRING			167.	.9000	OTHE	R FW AIRCI	RAFT-		
9. HELIC	OPTI	ERS (Use Additio	nal Sheets as	s Necessa	ary)										
FAA N#	T Y	MAKE/ MODEL	BASE	AVAIL	START	REMARKS		FAA N#	T Y	MAKE/ I	MODEL	BASE	AVAIL	START	REMARKS
192CH	1	BV107	Ноора	0800											
HT 701	1	S61	Ноора	0800											
512	2	Bell 205A1++	Ноора	0800											
514		Bell 212HP	Ноора	0800											
520	2	Bell 212HP	Ноора	0800											
507	2	Bell 209	Scott Valley	0800		Shared									
553	3	Bell 407	Ноора	0800											

10. TASK/ MISSION/ ASSIGNMENT (Type/ function includes: Air Tactical, Retardant, Recon, Personnel Transport, Bucket Operations, SAR, etc.							
TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (If applicable)	MISSION	FLY FROM	FLY TO			
	or instructions for tactical aircraft	START					
Water Dropping		As Needed					
Recon		As Needed					
Firing,PSD		As Needed					
Cargo		As Needed					



# M.I.S.T. GUIDELINES (SRF – KNF – SHF) MINIMUM IMPACT SUPPRESSION TECHNIQUES

Wilderness areas are areas that are protected by law and are managed to preserve their natural conditions for present and future generations. The following Minimum Impact Suppression Techniques (MIST) are guidelines intended to significantly reduce the impacts associated with fire suppression and incident management activities in Wilderness areas.

**SAFETY** 

Safety is of paramount importance. Incident personnel should constantly be aware of their surroundings and the Eight Principles of Safety, the 10 Standard Firefighting Orders and the 18 Watchout Situations when applying MIST techniques.

#### LINE OPERATIONS

- Use natural barriers, wet line or cold trail techniques, rather than constructing line. Consider burnout from natural barriers to minimize line construction.
- When constructed line is necessary, use the minimum width, depth and canopy clearance necessary to check fire spread, based on fire behavior. Locate line to minimize impacts. Consider use of fireline explosives for line construction.
- Do not put line construction debris in streams.

#### **GREEN TREES, BURNED TREES AND SNAGS**

- Scrape around tree bases near fireline if hot and likely to cause fire spread.
- Inside fireline: remove or limb only those fuels that if ignited would have potential to spread fire outside the fireline.
- Identify hazardous trees with an observer or flagging.
- Use Saw Use guidelines.

#### SAW USE

- Minimize the amount of cutting.
- Live trees will not be cut, unless it is determined they will cause fire spread across the fireline or endanger workers or the public.
- Slope/angle saw cuts away from line of sight to minimize visual impacts. Rub dirt or ash on stumps and log ends to camouflage them. Do not crosshatch/etch.
- If trees must be felled inside the line, do not limb or buck them. Allow the fire to consume them.

#### INDIRECT ATTACK

- Do not fall snags on the intended unburned side of the constructed fireline, unless they are safety hazard to crews or the public.
- On the unintended burn-out side of the line, fall only those snags that would reach the fireline should they burn and fall over.
- Consider alternative means to falling, i.e., fireline explosives, bucket drops.
- Consider all items in Section B, the Fire Line Phase.

#### AIR OPERATIONS

• Limit the use of retardant. Use water drops (preferred) or foam instead. When foam or retardant use is appropriate, avoid dropping near surface water.

#### HELISPOT CONSTRUCTION

- Minimize the number of helispots constructed in Wilderness.
- Evaluate carefully whether it is necessary to construct a helispot or whether an alternative outside Wilderness can be used.
- If a helispot is only needed for logistical support to deliver and retrieve supplies or gear, consider using a long line remote hook in lieu of constructing a helispot. If a helispot is needed for crew shuttle, consider the minimum size helicopter that could do the job and still meet suppression objectives.
- Use natural openings as much as possible. If some tree falling or cribbing is necessary, avoid high visitor use locations unless the modifications can be rehabilitated to be generally unnoticeable. Feather the opening so that it appears more natural looking.
- Whenever possible, the Resource Advisor should provide specific instructions and observe the construction of helispots.
- Naturalize helispots before abandoning

#### SPIKE CAMPS AND CAMP ACTIVITIES

- Camps and other facilities will be located outside of wilderness whenever possible.
- A Resource Advisor will be consulted prior to establishing spike camps and use will be discontinued if resource damage occurs.

#### **MOP-UP PHASE**

- Cold trail rather than scraping or digging whenever possible to detect hot areas.
- Roll or drag fuels into the interior and allow them to burn out, rather than mopping them up and roll logs rather than bucking.
- Pull hot material away from the bases of trees, rather than felling them.
- Remove or limb only those fuels that if ignited, have potential to spread outside the fireline.

#### PERSONAL CONDUCT

Leave No Trace – Pack it in - Pack it out Confirmed approval for use of mechanized equipment – Chainsaws / Helicopter Use

### Butler Fire Incident Trainee/Trainer Data Form

#### Training Specialist: Liz Younger

- All Incident Trainees including overhead and those on Firefighting Modules: Complete this form and drop off at the Training Specialist at your earliest opportunity, please don't wait till demob.
- If you are an FS-FPM employee seeking a qualification required for your regular position, contact the Training Specialist.

### A. Trainee Data

Trainee Name:	ICS Train	nee Position:
Request # (A,C,E or O):	Agency Designator (E	xample <b>CA-SRF</b> ):
Your Agency: OUSFS State		Govt. Other Ordered as a Trainee: Y / N
Cell / Contact # While on Incid	dent: Horr	ne Unit Position:
Date Assigned:	Fire Name / Order Number:	Butler / CA-SRF-001388
Name of the person and loc	ation to mail your training pack	age to: (Fire Chief, Training Officer)
Name:	Agency:	
Agency Address:		
City:	_ State: Zip Code:	Phone:
<b>B. Trainee Prerequisites</b> 1. Valid Redcard or agency certifica 2. Trainee has current position task		YesNo YesNo
C. Trainer/Evaluator Data	Trainer / Evaluator Name:	
ICS position on fire:	Agency:	Request #:
Address (optional):		City:
State: Zip:	Cell / Contact While on	Incident:
D. Trainee Goals - (2 tasks	or objectives you would like to a	address).
1		
2.		

UNIT L	OG	1. Incident Name	2. Date Prepared	3. Time Prepared	
4. Unit Name / Designators		5. Unit Leader (Name and Position)		6. Operational Period	
7. Namo		Personnel Ro ICS P	Home Base		
Name				nome base	
8.		Activi	ty Log		
Time			Major Events		
9. Prepared by (Name	and Position				

Time	Major Events
9. Prepared by (Name	e and Position)