Frog Fire Incident Action Plan

Tuesday, August 4th,2015 Day Shift, 0600 - 2000 hrs



WEATHER & FIRE BEHAVIOR

- o Possible undetected Spot Fires. Keep eyes to the green
- Thunderstorm threats possible in afternoon
- Any wind WILL affect Fire Behavior in this terrain HYDRATION
 - Electrolyte drinks are best consumed undiluted.
 - Minimize consumption of energy drinks.
 - Know the signs & symptoms of Heat Related Illness
 - Seek Medical Attention if unsure

KEEP A HIGH LEVEL OF SITUATIONAL AWARENESS CA-MDF-000570 P5J0HP (0508) MODOC NATIONAL FOREST Northern California Incident Management Team 1

INCIDENT OBJECTIVES	1. Inci	iden	t Name	2. [Date	3. Time
	Fr	og		0	8/03/2015	2030
4. Operational Period August 04, 2015 DAY SHIFT						
CONTROL OBJECTIVES						
1) Keep the Frog Fire: South of Long Bell Station are West of the 42N23 Road North of the 40N03 Road (Co	ounty R			5)		
 MANAGEMENT OBJECTIVES 1) Plan and execute strategies and tactine public. 2) Minimize impacts to infrastructure, critical habitat. 3) Minimize costs using the following of the provide timely and accurate informations. 5) Promote and expect appropriate be 	private conside	tim ratio	berlands, range allot ons: the right plan, pl public, partners, and	men lace, d coc	ts, cultural resou assets, duration operators.	urces, and
6. Weather Forecast for Period					tiniti (_{1,11}) in a second s	
 See attached weather forecast. 						
7. General Safety Message						
 See attached safety messages. 						
8. Attac	hment	s (m	ark if attached)			
Organization List - ICS 203		Vied 206	ical Plan - ICS		Weather	
Div. Assignment Lists - ICS 204		ncid	ent Map	\boxtimes	ICS215a	
Communications Plan - ICS 205		CS 2	20		Rehab Consider	rations
9. Prepared by (Planning Section Chief)			10. Approved by (k	ncide	nt Commander)	
Ed Paul			Jay Kurth	Y	1/200	

Communications Unit Rick Cartoscelli, Harold Reference Medical Unit Josh Ramey	er (t) a (t) b (t) an (t)
2. Date August 03, 2015 2. Date August 03, 2015 3. Time 2100 3. Time Security Manager Mike Turner Food Unit Jay Westlake 9. Operations Section Day Shift August 04, 2015 Position Name 5. Incident Commander and Staff Incident Commander Jay Kurth Deputy Steve Burns Safety Officer Michele Tanzi, Jeff Barnhart Information Officer Jim Mackenson, Phyllis Swanson Liaison Officer Kent Swartzlander, Kathy Hardy Human Resources 6. Agency Representative Agency Administrator Agency Administrator Agency Admin Rep Page 1 Johnston, Garret Noles (t), Megan Solus (t) Recelving & Distribution Fred Johnson, Dion Nuger Security Manager Mike Turner Food Unit Jay Westlake 9. Operations Section Day Operations Curt Lindstrand Planning Ops Curtis Coots, Don Fregulia a. Division/Groups - Day Division/Group Division/Group J J Sesse Knox, John Kaufman Division/Group J Mike DeMello, Charles Christ Division/Group	er (t) a (t) e (t) an (t)
August 03, 2015 4. Operational Period Day Shiff August 04, 2015 Position Name 5. Incident Commander and Staff Incident Commander Jay Kurth Deputy Steve Burns Safety Officer Information Officer Liaison Officer Human Resources 6. Agency Representative Agency Administrator Agency Administrator Agency Administrator Robin Wilks, Dustan Muelle Planning Ops Curt Lindstrand Planning Ops Curtis Coots, Don Fregulia a. Division/Groups - Day Division/Group Division/Group Division/Group Division/Group Division/Group Division/Group Division/Group Division/Group J Mike DeMello, Charles Christ Division/Group	er (t) a (t) e (t) an (t)
4. Operational Period Day Shiff August 04, 2015 Position Name 5. Incident Commander and Staff Incident Commander Jay Kurth Deputy Steve Burns Safety Officer Michele Tanzi, Jeff Barnhart Information Officer Jim Mackenson, Phyllis Swanson Liaison Officer Kent Swartzlander, Kathy Hardy Human Resources 6. Agency Representative Agency Administrator Amanda McAdams Agency Administrator Agency Administrator Peter Johnston, Garret Noles (†), Megan Solus (†) Food Unit Jay Westlake Jay Westlake 9. Operations Section Day Operations Curt Lindstrand Planning Ops Curtis Coots, Don Fregulia a. Division/Groups - Day Division/Group A / X Leon Jeffrey, Grahm Rice Division/Group D Jesse Knox, John Kaufman Division/Group J Mike Name And Johnstein Courter Notes (†) Mike DeMello, Charles Christ Division/Group	i (t) i (t) ii (t) iii (t)
Position Name 5. Incident Commander and Staff Incident Commander Jay Kurth Deputy Steve Burns Safety Officer Michele Tanzi, Jeff Barnhart Information Officer Jim Mackenson, Phyllis Swanson Liaison Officer Kent Swartzlander, Kathy Hardy Human Resources 6. Agency Representative Agency Administrator Amanda McAdams Agency Admin Rep Joe Reinarz, Tim Davis (†) READ Pete Johnston, Garret Noles (†), Megan Solus (†) Poputy Steve Burns 9. Operations Section Robin Wills, Dustan Muelle 9. Operations Section Planning Ops Curt Lindstrand Planning Ops Curtis Coots, Don Fregulia a. Division/Groups - Day Division/Group D Jesse Knox, John Kaufman Division/Group G Mike Klimek, Brian Rogers Division/Group J Mike DeMello, Charles Christ Division/Group	i (t) i (t) ii (t) iii (t)
Position Name 5. Incident Commander and Staff Incident Commander Jay Kurth Deputy Steve Burns Safety Officer Information Officer Liaison Officer Human Resources 6. Agency Administrator Agency Admin Rep Agency Admin Rep READ Position Name 9. Operations Section Day Operations Robin Wills, Dustan Muelle Night Operations Robin Wills, Dustan Muelle Night Operations Curt Lindstrand Planning Ops Curtis Coots, Don Fregulia a. Division/Groups - Day Division/Group A / X Leon Jeffrey, Grahm Rice Division/Group Division/Group Division/Group Division/Group Division/Group J Mike Klimek, Brian Rogers Division/Group	i (t) i (t) ii (t) iii (t)
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Deputy Steve Burns Safety Officer Michele Tanzi, Jeff Barnhart Information Officer Jim Mackenson, Phyllis Swanson Liaison Officer Kent Swartzlander, Kathy Hardy Human Resources 6. Agency Representative Agency Administrator Amanda McAdams Agency Admin Rep Joe Reinarz, Tim Davis (†) READ Planning Ops Curtis Coots, Don Fregulia a. Division/Groups - Day Division/Group A / X Leon Jeffrey, Grahm Rice Division/Group D Jesse Knox, John Kaufma Division/Group G Mike Klimek, Brian Rogers Division/Group J Mike DeMello, Charles Christ Division/Group	e (t) an (t)
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Megan Solus (t) Division/Group	
spi per	
TIED Balawii	
Beaty & Associates Ross Brazil Division/Group A / D Christopher Ruff, Travis Than	ne (t)
Cal Fire LMU Rep Mike Smith Division/Group G Rob Beery	
Division/Group J / X Dan Lindley	
Division/Group	
Division/Group	
Division/Group	
Division/Group	
7. Planning Section Division/Group	
C. Air Operations Branch Chief Ed Paul Air Operations Branch Bruce Wicks	
Deputy Air Operations Branch Director Bruce Wicks	
Resources / Demob / Gary Deboi, Rita Mustatia, Tanya Air Attack Supervisor Dick Stilliha	
Status-Check-in Unit Costello (†) Air Support Supervisor Steven Beall	
Situation Unit Tim Ritchey (t) Helicopter Coordinator	
Training Dominic Panno Air Tanker Coordinator	
CTSP George Steel 10. Finance Section	
GIS Matt Dickinson, James Gonzalez, Amaria Chief Lois Charlton	
Crocoll (t) Time Unit	
FBAN John Wood Cost Unit Kenny Lucien	
IMET Mike Smith Compensation/Claims Unit Debbie McIntosh	
8. Logistics Section Equipment Time Kari Linn	
Chief Ken Kumpe	
Deputy Brett Shurr Prepared by (Resource Unit Leader)	
Supply Unit Ron Pierce, David Alicea (t) Gary R. Deboi	- 1
Ordering Tamara Hanna	
Facilities Unit Frank DelCarlo, Jeff Huhtala	

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DIVISION AS	SIGNMENT	LIST			1. Brar	nch			2. Division/Group		
3. Incident Nam					4 One	erational Perio	ad .		A/X		
Frog								0015			
5.	11116					Date: Aug		2015	Time: 0600-2000		
Operations Ch	niof I	D= -:- \4/	III. / D			ns Personn					
	liei	RODIN W	ills / Dustin N	Tueller (1)	Supervisor				ey, Grahm Rice (t)	
Branch Director					Air A	ttack Supervi	sor No.				
6,				Res	ources	Assigned	this Pe	riod			
Strike Team/To De	ask Force/ Re esignator	esource	Le	ader		Last Shift	Numb Perso		Drop Off PT./Time	Pick Up PT./Time	
ENG T6 Patricl (E-38)	k Environm	ental	Keith I	Rockow		8/15	3	N	0700	1900	
ENG T4 GE For	restry(E-12)		Nieto	Hugo		8/15	3	N	0700	1900	
ENG T6 Enterp	orises (E-41)		Richard	d Schraff		8/15	3	N	0700	1900	
ENG T3 Fire Sto	orm #9901	(E-4)	Davi	d Wills		8/12	5	N	0700	1900	
ENG T3 #4125	(E-21)		Justir	Ulrich		8/14	3	N	0700	1900	
WT Killingbeck	(E-44)		Merle K	illingbeck	<	8/14	1	N	0700	1900	
SOF2			Donald E	Bergstrand	d		1	N	0700	1900	
READ			Petter.	lohnston			1	N	0700	1900	
READ			Garre	tt Noles			1	N	0700	1900	
							25.5				
	1500.00		1000000								
7. Control Operat											
Hold and imp	orove existi	ng line. <i>N</i>	Лор ир.								
Special Instruc			×								
Backhaul all	l trash and	excess su	pplies.	9							
Function	Frequer	псу	Name	Chan	nel	Function	n	Frequency	Name	Channel	
Command	RX167.100		CMD 5	1		Air to Gro	ound	RX166.8750f	A/G 08	14	
	TX169.750)ON		(Tx Tone	146.2)			TX166.8750N	1		
Tactical Div/Group	RX166.725		NIFC T5	9							
	TX166.725	10N									
repared by (Resou	urce Unit Lea	der)	Approved by	(Planning Se	ection C	hief)		ate	Time	<u> </u>	
Rita Mu	ustatia		Edwin F					August 03,		200	

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DIVISION AS:	CICNIMENI	гиет			1. Branc	ch .		2.	Division/Group		
DIVISION AS.	SIGNMEN	LIST							D		
3. Incident Nam	ne				4. Oper	ational Period	3900				
Frog	Fire				Do	ate: August 0	4, 2015	T	me: 0600-2000		
5.				Ope	erations	s Personnel					
Operations Ch	nief	Robin V	Vills / Dustan M	lueller (t)	Division/Group Supervisor Jesse Kr			e Knox/Jo	nox/John Kauffman (t)		
Branch Director					Air Att	ack Supervisor N	э.				
6.				Resc	ources	Assigned this	Period				
Strike Team/Ta De	sk Force/ Resignator	esource	Le	eader		Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
HC T1 Diamor	nd Mt. IHC	(C-6)	Dan	Varney		8/14	20	N	0700	1900	
ENG T3 PNF-13 ((E-7)		Steve	Gonzalez		8/14	5	N	0700	1900	
ENG T6 Wood	s 27 (E-5)		Rock	. Wood		8/14	4	N	0700	1900	
ENG T3 #4121	(E-19)		Ryar	Sherer		8/14	4	N	0700	1900	
ENG T3 #4123	(E-20)		Eric H	Hannah		8/14	4	N	0700	1900	
ENG T4 Pacific	: Habitat	(E-36)	Gary F	Robinson		8/15	3	N	0700	1900	
WT 4235 Canb	oy (E-1)	746	Peter	Cedotol	4000.00	8/13	1	N	0700	1900	
WT Gardner R	anch (E-4	7)	Clark	Gardner		8/14	1	N	0700	1900	
WT Wet & Wild	d (E-83)		Gary	Begrin		8/15	1	N	0700	1900	
DOZ FWF 355			Jame	s Jayne			2	N	0700	1900	
Fallers Pro Plus	(O-23)		Ron Woodman	/ Loren Ho	ollaway	8/14	2	N	0700	1900	
TFLD			Mike	Seaton			1	N	0700	1900	
SOF2			Johr	Orton			1	N	0700	1900	
							S-745L				
7. Control Operat Hold and im _l		sting line	. Мор ир								
Special Instruc	ctions:								4 30 3 193	100 00 00	
Backhaul all	trash and	l excess	supplies								
Function	Freque	ency	Name	Chanr	nel	Function	Fred	quency	Name	Channel	
Command	RX167.10		CMD 5	1 (Tx Tone	146.2)	Air to Ground		6.8750N 6.8750N	A/G 08	14	
Tactical Div/Group	RX166.55		R5 T4	6							
Prepared by (Reso	urce Unit Lec		Approved by		ection Ch	nief)	Date	ust 03, 20	Time	20	
IQIIVa	COSTEILO	11	I EUWIN I	uui			i Augi	NT U.S. 7()	1.5 1 223	51.7	

DIVIDAL ACCIDADA	TAIT LICT		1. Bra	nch			2. Di	vision/Group	
DIVISION ASSIGNME	ENI LISI							G (page	1 of 2)
3. Incident Name			4. Op	erational Period			1		
Frog Fire				Date: Augus	st 04, 2	015	Tim	e: 0600-2000	
5.		Ор	peratio	ns Personne					
Operations Chief	Robin	Wills /		sion/Group		Mike	Klimek, Bri	an Rogers (†)	
	Dusta	n Mueller (t)	Sup	ervisor				2000	
Branch Director			Air /	Attack Superviso	or No.				
6.		Re	source	es Assigned t	his Per	iod			
Strike Team/Task Force/ Designator	Resource	Leader		Last Shift	Num Pers		Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
HC T1 Klamath IHC (C-1)	Johnny Clem			2	0	N	0700	1900
ENG T3 Bohica (E-6)		David Breglia			3	3	Ν	0700	1900
ENG T4 Utting (E-22)	11001	Kevin Kidd			3	3	Ν	0700	1900
ENG T5 Utting (E-10)		Dave Deason			3	3	N	0700	1900
ENG T4 Firestorm (E-2	25)	Brad Clemens		5.12.12	3	3	N	0700	1900
ENG T6 Thunderbolt	(E-39)	Donald Lafferty			3	3	Ν	0700	1900
ENG T6 ASI #2 (E-34)	1.000	Charles Bates			3	3	N	0700	1900
ENG T4 BLM 4451						1	N	0700	1900
DOZ Bushey (E-2)		Bob Bushey		2	1		N	0700	1900
DOZ Bens (E-56)	X1.001111111111111111111111111111111111	Bud Longford			2	2	N	0700	1900
WT Alturas (E-3)		Keth Moore			1		N	0700	1900
WT Cross (E-43)		Robert Cross			1		N	0700	1900
WT Holt Logging (E-8:	2)	Paul Hardig		W19-36	1		N	0700	1900
7. Control Operations					•				
Hold and improve	existing lin	e. Mop up.							
100 miles a management of the contract of the		and indirect line const	ruction	n.					
Prepare for burnou	t operatio	ns.							
Special Instructions:	40.00								
Backhaul all trash	and exces	ss supplies.							

Function	Frequency	Name	Channel	Function	Frequency	Name	Channe
Command	RX167.1000N TX169.7500N	CMD 5	1	Air to Ground	RX166.8750N TX166.8750N	A/G 08	14
Tactical Div/Group	RX167.1125N TX167.1125N	R5 T5	7				
3. 3. 3.	ource Unit Leader) Oustatia	Approved by Edwin P	(Planning Section	Chief)	Date August 03, 201	J	Time 2130

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DIVISION ASS	IGNMENT	LISI						G (pag	ge 2 of 2)
3. Incident Name)				4. Operations	Il Period	· · · · · · · · · · · · · · · · · · ·		
Frog	Fire				Date:	August 04,	2015 T	ime: 0600-200	00
5.				Оре	erations Pers	sonnel			
Operations Chi	ef	Robin	Wills /		Division/Gro	оир	Mike Klimek,	Brian Rogers (t)	
11/2006		Dusta	n Mueller (t)		Supervisor			CORP. SERVICE	
Branch Director					Air Attack S	upervisor No.	2		
6.				Resc	ources Assig	ned this Pe	eriod		
Strike Team/Task Desig	Force/ Res	ource	Leader		Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
Fallers Pro Plus	(0-24)		Tracy Porter/ W	ally Kurts	5	2	N	0700	1900
FALB			John Stro	om		1	N	0700	1900
HEQB			Bruce Rob	ison		1	N	0700	1900
HEQB			Jason Be	erry		1	N	0700	1900
TFLD	10		Jeff Dio	n		1	N	0700	1900
SOFR			Randy Vir	son		1	N	0700	1900
FEMP			Jeff Dacp			1	N	0700	1900
FEMT			Mike Tidsv			1	N	0700	1900
			19 19 19			1144			
				7.1000					
	7377			-					
7. Control Operation	ons		<u> </u>						<u> </u>
Hold and imp	orove exis	ting lin	е. Мор ир.						
Scout opport	tunities fo	r direct	and indirect lin	e constru	uction.				
Prepare for b	ournout of	peratio	ns.						
Special Instruc	tions:				ARR VEG IN	(1) (1) (1)	(A) (B) (B) (B) (B) (B) (B) (B) (B) (B) (B		
Backha	ul all trash	n and e	excess supplies.						
Function	Freque	ncv	Name	Chan	nel	Function	Frequency	Name	Channel
	Tieque	iley	Hamo	Cridir			riequency	110/110	- Oriental
Command	RX167.10	N000	CMD 5	1	Air	to Ground	RX166.8750N	A/G 08	14
	TX169.75	00N					TX166.8750N		
		22							
Tactical	RX167.11	25N		7					
Div/Group		100.000	R5 T5	7					
	TX167.11	ZON					7.5 de 10x 10x		
Prepared by (Resou	urce Unit Led	ader)	Approved by	(Planning S	ection Chief)		Date	Time)
Rita Mu	ustatia		Edwin F	aul			August 03, 20)15 <i>2</i>	2130

1. Branch

2. Division/Group

DIVISION ASSIGNMENT L	.IST		1. Brand	ch			2.	2. Division/Group				
3. Incident Name			4. Oper	4. Operational Period								
Frog Fire			0	ate: Augus	t 04 .	2015	1	ime: 0600-2000)			
5.		On	<u> </u>	s Personnel		2010		111C. 0000 2000				
Operations Chief	Robin Will	s/Dustan Mueller (t)	$\overline{}$	on/Group		Ran	dv Jennii	ngs, Matt Radtke	(t)			
		(-,	Super			Karr	——————————————————————————————————————	igs, Man Raake	117			
Branch Director		2.30	Air At	tack Superviso	r No.							
6.		Res	sources	Assigned th	nis Pei	riod						
Strike Team/Task Force/ Re Designator	source	Leader		Last Shift		mber rsons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time			
HC T1 Feather River IHC	(C-2)	Robert Daniels	s		1	20	N	0700	1900			
HC T1 Modoc IHC (C-26)		Willie Almand				18	N	0700	1900			
ENG T4 Inbound #12 (E-1;	3)	Aaron Flack		8/15		3	N	0700	1900			
ENG T6 Inbound #4 (E-32))	Adham Rowley	у	8/15		3	N	0700	1900			
ENG T6 Inbound #01 (E-31)	James Spoon		8/15		3	N	0700	1900			
ENG T3 HeliFire (E-8)		Theresa Pitt		8/15		3	N	0700	1900			
WT LNF 185 (E-91)		Bobby Bryant				2	N	0700	1900			
WT Get Wet (E-46)		Tyler Minto				1	N	0700	1900			
WT Leventon (E-45)		Scott Leventor	1	8/13		1	N	0700	1900			
DOZ Ben's (E-53)		Eric Spratt		975283 77		2	N	0700	1900			
DOZ Ben's (E-89)		Greg McCarty	,			1	N	0700	1900			
DOZ Cockrell Cattle (E-55	5)	Weston Cockre	ell	21 - 25 - 2020 2	9	1	N	0700	1900			
HEQB (O-100)		John Ross		L 5002		1	N	0700	1900			
HEQB (O-101)		Darren Cluff				1	Ν	0700	1900			
TFLD (O-42)		Max Twombly				1	N	0700	1900			
STCR (O-41)		Don Fullmer				1	N	0700	1900			
TFLD (O-19)		Jason Hayes				1	N	0700	1900			
FOBS (O-4)	CORP.	Kay Kudo		20000		1	N	0700	1900			
SOF2 (O-55)		Larry Sears				1	N	0700	1900			
7. Control Operations			•									

Hold and improve existing lines. Mop up.

Scout opportunities for direct and indirect line construction.

Prepare for burnout operations.

Special Instructions:

Backhaul all trash and excess supplies.

Function	Frequency	Name	Channel	Function	Frequency	Name		Channel
Command	RX167.1000N TX169.7500N	CMD 5	1 (Tx Tone 146.2)	Air to Ground	RX166.8750N TX166.8750N	A/G 08	3	14
Tactical Div/Group	RX168.2500N TX168.2500N	NIFC T7	11					
	Costello (t)	Approved by Edwin P	(Planning Section C	hief)	Date August 03, 201	5	Time 1745	5

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DIVISION ASSIGNMENT L		1. Branch			2. Division/Group	
DIVIDIOTI AUGIOTIMENT E					J	
3. Incident Name		4. Operational Period				N NOW NO
Frog Fire		Date: August	04, 2015		Time: 0600-2000)
5.	Ope	rations Personnel				
Operations Chief	Robin Wills	Division/Group Supe	rvisor		Mike DeMello / Ch Christensen (t)	arles
	Dustan Mueller (t)				Chilstensen (I)	
Branch Director		Air Attack Supervisor	No.			
6.	Resc	ources Assigned th	is Period			
Strike Team/Task Force/ Resource Designator	Leader		Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
HC T2 Eagle Lake (C-9)	Nathan Parker		18	N	0700	1900
ENG T4 Central #741 (E-3)	7) David Parsons	***************************************	3	N	0700	1900
ENG T6 ASI #3 (E-35)	Michael Holloway		3	N	0700	1900
ENG T6 Diamond 117(E-30) Tom Wesley		3	N	0700	1900
ENG T4 BLM 4406 (E-16)	Tommy Brown		4	N	0700	1900
WT Phillip Wills (E-81)	Mike Dainauskus		1	N	0700	1900
WT Holt Logging (E-84)	Dennis Simpson		1	N	0700	1900
WT Darrah (E-42)	Cory Preston		1	N	0700	1900
WT Darrah (E-49)	John Hondeshell		1	N	0700	1900
DOZ Stewart (E-98)	Tom Stewart / Dan Harrison	n	1	N	0700	1900
HEQB (O-18)	Patrick Doyle		1	N	0700	1900
TFLD (O-17)	Philip Bordelon		1	N	0700	1900
TFLD (†)	Tony Jimenez		1	N	0700	1900
SOF2 (O-56)	Phil Young		1	Ν	0700	1900
FEMP (O-59)	Chris Wrisley		1	Ν	0700	1900
FEMT (O-57)	Richard Zinchuk		1	Ν	0700	1900
7. Control Operations						300000

Hold and improve existing line. Mop up.

Scout opportunities for direct and indirect line construction.

Prepare for burnout operations.

Special Instructions:

Backhaul all trach and excess supplies.

Function	Frequency	Name	Channel	Function	Frequency	Name	Channe
Command	RX167.1000N TX169.7500N	CMD 5	1 (Tx Tone 146.2)	Air to Ground	RX166.8750N TX166.8750N	A/G 08	14
Tactical Div/Group	RX168.2375N TX168.2375N	R5 T6	8				
	ource Unit Leader) a Costello (†)	Approved by Edwin P	(Planning Section C	hief)	Date August 03, 2015		ime 2130

ICS 204 NFES 1328



INCIDENT Weather Forecast



FORECAST NO:

3

NAME OF FIRE: Frog Fire

PREDICTION FOR: Tuesday Day SHIFT

UNIT: Modoc NF

SHIFT DATE: August 4, 2015

SIGNED:

Mike Smith

TIME AND DATE

FORECAST ISSUED:

2100 August 3, 2015

Incident Meteorologist

WEATHER DISCUSSION: A weather system moving in off the Pacific will bring another threat of thunderstorms to the fire area this afternoon. The greatest chances of a thunderstorm impacting the area will be from about 1600 through about 2100. This system will shift north of the fire area after this time ending the thunderstorm threat. Outside of thunderstorm downdrafts, winds will be typical of this area starting out light then breezy southwest in the afternoon. Temperatures and humidity are not expected to vary much from Monday. Wednesday looks dry and more stable with only minor changes in wind, humidity or temperature.

WEATHER FORECAST:

WEATHER: Mostly sunny in the morning becoming partly to mostly cloudy in the afternoon with a slight threat of a thunderstorm in the area. Any nearby thunderstorm could produce strong gusty winds.

TEMPERATURES: High temperature 83 to 86

HUMIDITY: Minimum afternoon humidity 19 to 24% after morning RH recovery of around 60%

EYE LEVEL WINDS:

RIDGETOP -

Light and variable in the morning picking up after about 0900 to southwest 2-5 mph but occasional gusts up to 10-15 mph. Stronger winds possible in vicinity of thunderstorms.

SLOPE/VALLEY - Light and variable in the morning picking up after about 0900 to southwest 2-5 mph but occasional gusts up to 8 mph. Stronger winds possible in vicinity of thunderstorms.

evening.

STABILITY/INVERSION: Moderately stable in the morning becoming slightly unstable in the afternoon and

Forecast for Tuesday night Shift: Partly to mostly cloudy through the night. A slight threat of thunderstorms through about 2200. Minimum temperatures in the 50s. Maximum humidity recovery 65-75%. Winds southwest 2-5 mph but occasional gusts up to 10-15 mph through about 2100 then becoming light and variable to 4 mph. Stronger winds possible in vicinity of thunderstorms.

OUTLOOK FOR Wednesday: Mostly Sunny. Maximum temperatures 84-87. Minimum temperatures in the 50s. Minimum humidity 19 to 24%. Winds light and variable in the morning becoming southwest to west 2-5 mph after about 0900. Gusts up to 10 to 15 mph out of the west to southwest in the mid to late afternoon.

EXTRA INFORMATION: Sunrise 6:03 Sunset 8:19

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 7	TYPE OF FIRE: Wildland Fire
FIRE NAME: Frog	OPERATIONAL PERIOD: 8/4, 0600 to 2000
DATE ISSUED: 8/3/15	TIME ISSUED: 2000
UNIT: Modoc National Forest	SIGNED: /s/ John Wood FBAN

INPUTS

WEATHER SUMMARY: A weather system moving in off the Pacific will bring another threat of thunderstorms to the fire area this afternoon. The greatest chances of a thunderstorm impacting the area will be from about 1600 through 2100. This system will be typical of this area starting out light and breezy southwest in the afternoon. Temperatures and humidity are not expected to vary much from Monday. Wednesday looks dry and more stable with only minor changes in wind humidity or temperature. Expect maximum temperatures 83-86 degrees. Minimum humidity, 19-24% Eye Level Winds Ridge top Southwest 2-5 mph but gusts 10-15. Valleys variable 2-5 but occasional gusts to 8 mph.

Haines Index: 3 Burning Index: 46 ERC: 65

OUTPUTS

GENERAL: Normal warm and dry conditions will help set the stage for fuels driven activity on the fire because of dry fuels. Although 1000 hour fuels are showing seasonally average at 12% they are low enough to burn with intensity and burn down quickly. Concentrations of heavy fuels can provide the energy to initiate pushes by the fire without a lot of wind. These pushes can burn with intensity and be somewhat self-sustaining and are bolstered by low live fuel moistures at 113% in Bitterbrush. Live fuel moistures this low are a key ingredient for active fire spread. In the light fuel models expect rates of spread 3-7 ch/hr and flame lengths around 2-4 feet. In the shrub fuels expect rates of spread up to 20-30 ch/hr and flame lengths 6-8 ft. In the timber litter expect rates of spread 3-6 ch/hr with flame lengths 2-3 ft.

SPECIFIC: Fine fuel moisture 4% Probability of ignition up to 86% Spot distance around 1/3 mile

Division A/X: Fuels within the control lines will continue to burn down, unburned islands may hold heat, evaluate them for reburn potential, these are likely the only possible sources for fire brands. Spotting potential should be reduced.

Division D: Areas of heat will persist as heavy fuels consume creating pockets of heat and maintaining the potential for spots as forecast winds will be blowing across control lines. Available fuels will continue to carry fire actively.

Division G: Spotting should be a concern with heat sources near the control line from recent fire activity. Islands within the control lines will continue to burn down, unburned islands may hold heat, evaluate them for reburn potential.

Division H: Islands have the potential to consume quickly with active fire on the perimeter this will be exacerbated by the mix of very dry shrubby fuels and dry heavy downed fuels. As islands consume forecast winds will be unfavorable for spotting and could carry fire brands across control lines. Expect spots to initiate rapidly and continue North and Northeast spread under influence of the wind.

Division J: Recent areas of activity will continue to burn with intensity as the heavies burn down. Where available fuels are present, fire will continue to spread actively in available fuel. Recent burn down of heavy fuels will keep spotting potential a concern to control lines especially with forecast wind direction.

AIR OPERATIONS

Increased smoke production toward the end of shift yesterday may cause visibility issues early in the shift but should mix out by late morning.

Safety Message

The "flat" topography highlights the need for lookouts and establishes Watch Out #12- Cannot see main fire and not in contact with someone who can. See page ix in the IRPG for the 5 Communication Responsibilities.

Updated: March 2002

INCIDE	NT RADIO COMM	INCIDENT RADIO COMMUNICATIONS PLAN		000		Date/Time Prepared	Time Prepared		Operational Period Date/Time
	-		N-WO CA-IV	CA-MDF-0005/0		50-00	000		UAT SHIFT 08-04-13
Only	rrequencies listed (Only trequencies listed on this 205 are authorized for use on this incident.	for use on this incident.	Radio prog	rammers	accept all re	idisnods	ity for th	Radio programmers accept all responsibility for the use of unauthorized frequencies.
# U	Function	Channel Name	Assignment	RX Freq N or W	RX Tone	RX Tone TX Freq N or W	TX Tone	Mode	Remarks
-	NIFC CMD 5	CMD 5	ALL DIVISIONS	167.1000N		169.7500N	146.2 T5	∢	ROUND MTN
2	NIFC CMD 12	CMD 12	ALL DIVISIONS	173.0375N		167.3250N	127.3 T12	4	
က	NIFC SPCL	NONE	UNASSIGNED					<	FUTURE USE
4	BACKUP CMD	MDFFOR 5	ALL DIVISIONS	170.7375N		164.9875N	146.2	4	GROUSE MTN REPEATER
2	BACKUP CMD	MDFFOR 7	ALL DIVISIONS	170.7375N		164.9875N	167.9	<	RED SHALE BUTTE REPEATER
9	TACTICAL	R5 T4	DIVISION D	166.5500N		166.5500N		4	
7	TACTICAL	R5 T5	DIVISION G	167.1125N		167.1125N		<	
∞	TACTICAL	R5 T6	L NOISIVIO	168.2375N		168.2375N		<	
6	TACTICAL	NIFC T5	DIVISIONS A and X	166.7250N		166.7250N		∢	
01	TACTICAL	NIFC T6	UNASSIGNED	166.7750N		166.7750N		∢	
=	TACTICAL	NIFC T7	DIVISION H	168.2500N		168.2500N		<	
12	PRIORITY ANG	A/G FROG	ALL DIVISIONS	168.5000N		168.5000N		4	(A-35)
13								4	(A\G 43)
41	SECONDARY A\G	A/G 08	ALL DIVISIONS	166.8750N		166.8750N		∢	(A/G 08)
15	CALCORD	MED HELO CONTACT	ALL DIVISIONS	156.0750N		156.0750N	156.7	<	
16	URGENT AIR CONTACT	AIR GUARD	ALL DIVISIONS	168.6250N		168.6250N	110.9	<	USE ONLY FOR URGENT AIRCRAFT IF HAND PROGRAMMING USE TONE 1
Prepared by	٨٠				Incident Location	ation			
Rick Carto	Rick Cartoscelli, COML NorCal IMT 1	I IMI I				MODOC NATIONAL FOREST	PEST		
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Prepared Time: 2015

Prepared Date: 3 Aug 2015

Prepared By: Bruce Wicks

1. INCIDENT NAME:	2. OPS PERIOD DATE:	START TIME:	END TIME:	SUNRISE:	SUNSET:	
FROG	4 August-2015	0800	2100	0090	2018	
3. REMARKS (Safety Notes, Hazards, Air Operations Specia	Operations Special Equipment, etc.):		4. READY ALERT AIRCRAFT		5. TFR #: 5/4750	
MONITOR AIR TO GROUND FREQ WHEN AIRCRAFT ARE	I AIRCRAFT ARE IN YOUR DIVISION.	MED	MEDEVAC - See Medical Plan	- 2/3	Altitude- 8500 msl	
SITUATIONAL AWARNESS IS HIGH PRIORITY ALONG WITH BUCKET WORK!	RITY ALONG WITH BUCKET WORK!			Ctr. Pt	Ctr. Pt - 4° 24" 29"/121° 24' 20"	
FLY WITH LIGHTS AND TRANDSPONDER ON (1255) Watch out for high tension wires	ON (1255) Watch out for high tension	n wires		6 mi Radius	dius	

6. PERSONNEL NAME	NAME	DHG	PHONE #	7 FREDIENCIES AM	IES AR		EM	T CHINE CHINE	Mala Mala	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
AORD	Dance Winks	00.0	7000	AID, AID EM		000		A DETAILLY TO TO TO THE DASE	yper intake-intodeli	N#/ Dase
ACED	Bruce Wicks	530-	230-906-2224	AIK/ AIK FW	118	118.200		AIRTANKERS- TBA	A	
				AIR Tactics		1	168.8375	LEAD PLANES- TBA	BA	
ASGS	Steve Beal	530-	530-598-6755	AIR / GROUND 1	0.1	-	168,5000	ATGS AIRCRAFT.		
ATGS	Dick Stilliha	530-	530-604-2861	AIR / GROUND 2	2 2	-	166.8750	Helio Courier N641LW – ATGS S	Helio Courier N641LW – ATGS Stilliah Baron N416AB – ATGS Schonek	ah
ATGS	Chris Schenck	-936-	936-238-0490	CMD Primary			167.1000 rx			
				77000			169.7500 tx			
						<u></u>	Tone 146.2			
HEB1	Kevin Murray	805-	805-878-1484	CMD Backup		1	170.7375 rx			
							164.9875 tx			
						<u>r</u>	Tone 167.9			
HEB1-(T)	John Kaisersatt		805-459-1249	DECK		1	163.1000			
HEB2-(T)	Seth Larson	805-	805-886-5850							
				Air Guard		1	168.6250	OTHER FW AIRCRAFT-	RAFT-	
						<u>ب</u>	(110.9)tx/rx			
9. HELICOPTERS (Use Additional Sheets as Necessary)	RS (Use Addition	al Sheets as	s Necessary	у)						
FAA N# T M/	T MAKE/ MODEL	BASE	AVAIL START	START REMARKS	KS	FAA N#	T MAKE/	MAKE/ MODEL BASE	AVAIL START	REMARKS
							>		_	

0800 0800 0800

0830 0830

Frog HB

Bell 205++

2

A-17 Tanked A-1 Tanked

A-20

0830

Frog HB AAT

Bell L4 1 S-64

n

88B

HT 782 H 527

	TYPE/FUNCTION NAME OF PERSONNEL OR CARGO (If applicable) MISSION FLY FROM or instructions for tactical aircraft	MISSION START	FLY FROM	FLY TO
Bucket Support	Bucket support as requested by Operations	As requested	Frog HB / AAT	Fire
PAX/Cargo	Helicopter best suited to request	0830	Frog HB	Fire
MEDIVAC	Request thru ICP Communications & MEDL on Command Repeater. Give location, lat/long if known./refer to Medical Plan / IAP	As requested	As directed	As directed
Recon / Mapping	Request thru Operations as needed	As requested	Frog HB	Fire
Initial Attack Assistance	Support I.A.as requested by Operations	As requested		As directed
	FROG HB (H-1) at Dry Lake Guard Station N 41° 40.671 X W 121° 15.970			

MEDICAL PLAN (ICS 206 WF)

1. 1	ncident/F	Project Name		2	2. Opera	tional Period			
FROG FIRE					Date/Tir	ne 8/04/15 060	0-2000		
3. Ambulance Services					gii ILE				11
Name			Location			Phone & EMS Frequ		Advance Ye	d Life Support (ALS s No
Medic 21 – Incident Ambul	ance	Longbell stag	ging			Contact on Co	mmand	Х	
4. Air Ambulance Service	es							Tigo '	
Name			Phone			Т	ype of Airc	raft & Cap	ability
Emergency Air Lift 30	min eta	911 or 800-	804-4911			Air Ambulance –	Klamath Fa	alls, OR	
Mountain Life Flight 30	min eta	911 or 530-	257-2444			Air Ambulance –	Susanville,	CA	
CHP 50	min eta	911 or 530-2	225-2041			ALS Hoist - Redo	ding, CA		
CANG 825 50	min eta	911 (Must b	e ordered thro	ough ECC	S)	Hoist Rescue - R	Redding, CA	Day/Nigh	t
H-527		Contact He	libase 805-88	6-5850		Incident ship – H	elibase N4	1°29.537 x	W120°58.218
5. Hospitals									
Name & Level		GPS Datum – egrees Decim		Trave Air	el Time Gnd	Phone	Helip: Yes		Address
Mayer's Memorial Hospital	Lat: Long:	N41°01.4 W121°2		10 min	1:30 hrs	530-336-5511	х	4	3563 Hwy 299E, Fal River Mills, CA
VHF: Modoc Medical Center		N41°28.4 W120°32		10 min	1:10 hrs	530-233-5131	х		228 McDowell, Alturas, CA
		N40°35.0 W122°23		40 min	2:45 hrs	530-244-5353	х	1	100 Butte, Redding, CA
		N38°33.1 W121°27		1.5 hrs	6 hrs	916-734-3636 916-734-3790	х		2315 Stockton Blvd. Sacramento, CA
6. Division / Crew Pre-plan	n. Updat	e and discuss	with assigne	d resource	ces daily				
Crew EMTs & Equipmen	t								Market Committee of the
Fireline EMTs & Location Adv. Life Support? Air Hoist site: Lat: / Long:									
Helispot: Lat: / Long:									5,000.5
Alternate no-fly plan:			*				* - P * - P	20-00	4
. Remote Aid Stations						11 JP 200			
ROG Medical Unit– I	CP	Point of Cor	ntact: nders & Capab	oility:		Josh Ramey (Cell e Medical – Advan			
l41°29.537			Available on S			supplies			
V120°58.218		Ambulance			Air – 30		· 35 min.		
. Prepared By (Medical U	nit Leade	er)	9. Date/Tim	e	10. R	eviewed By (Safety	Officer)		11. Date/Time
osh Ramey - MEDL 530-27	7-1213		8/3/15 2000	Approximate the second		e Tanzi	7 -	- AUZi.	8/3/15 2000

ICS 206 WF (1/14)

MEDICAL PLAN (ICS 206 WF)

Medical Incid	
Use items one through nine to communica	te situation to communications/dispatch.
. CONTACT COMMUNICATIONS DECLARE: "MEDICAL Ex: "Communications, Div. Alpha. Stand-by for a medical emergency on Div. Alpha" (In	
INCIDENT STATUS: Provide incident summary and command structure	9.
- Nature of Injury/Illness Describe the injury (Ex: Broken leg with b	pleeding)
- Incident Name Geographic Name + "Medical" (Ex: Trout Meadow Medi	ical)
- Incident Commander (Division Sup. or designee	
- Patient Care Name of Care Provider (Ex: EMT Smith)	
INITIAL PATIENT ASSESSMENT: Complete this section for each of Patients: Male / Female:_	
- Conscious? YES NO = MEDEVAC! - Bre	eathing? YES NO = MEDEVAC!
Machanian of Injury	
- Mechanism of Injury What caused the injury?	
- Location, Lat/Long (Datum WGS84) Ex: N 40° 42.45' x W 123° 03.24'	
- Location, Lat/Long (Datum WGS84) Ex: N 40 42.45 X W 123 03.24	
SEVERITY OF EMERGENCY, TRANSPORT PRIORI	TY
SEVERITY	TRANSPORT PRIORITY
URGENT-RED Life threatening injury or illness.	Ambulance or MEDEVAC helicopter. Evacuation need is
ix: Unconscious, difficulty breathing, bleeding severely, 2° – 3° burns more than 4 palm eat stroke, disoriented.	
PRIORITY-YELLOW Serious Injury or illness. Ex: Significant trauma, not able to walk, $2^{\circ} - 3^{\circ}$ burns not more than 1-2 palm sizes.	Ambulance or consider air transport if at remote location. Evacuation may
ROUTINE-GREEN Not a life threatening injury or illness. Ex: Sprains, strains, minor heat-related illness.	Non-Emergency. Evacuation considered Routine of Convenience.
TRANSPORT PLAN:	
Transport: (Agency Aircraft Preferred)	
	Life Flight Other
round Transport: Self-Extract = Carry-Out =	Ambulance Other
The process of the pr	
ADDITIONAL RESOURCE/EQUIPMENT NEEDS:	Outside Outsid
Paramedic/EMT(s) SKED/Backboard/C-Collar Cre	
Trauma BagMedication(s)IV/IOther (i.e. splints, rope rescue, wheeled litter)	Fluid(s) Cardiac Monitor/AED
Other (i.e. spinits, rope rescue, wheeled litter)	
COMMUNICATIONS:	
- Run Medical Emergency on Command - Co	pordinate with air ambulance on CALCORD tone 6
EVACUATION LOCATION:	
- Lat/Long (Datum WGS84) EX: N 40 42.45' x W 123 03.24'	
- Patient's ETA to Evacuation Location:	
- Helispot/Extraction Size and Hazards:	
CONTINGENCY: If primary options fail, what actions can be implement	led in conjunction with primary evacuation method? Be thinking anead
EMBER: -Confirm ETA's of resources ordered -Act a - If air or ground ambulance is DELAYED: Package and tran- Re-route EMS helicopter to rendezvous point as appropria	

Frog Fire Incident Risk Analysis (215A)

N:	LCCC Analysis of Tastical Applications	LCES Mitigations/Warnings/Remedies
Div.	LCES Analysis of Tactical Applications	LCES Milligations/ Warnings/ Remedies
	(Hazardous Actions or Conditions)	
All	Communications	Ensure you have the most current communication plan Give and receive communication feedback as to effectiveness. Use Human repeaters where necessary. A/G primary will be in use today168.5000
All	Hydration & Preventing Heat Illness	Drink water before, during, and after shift. Drink water in addition to electrolyte drinks in a 2 waters to 1 electrolyte ratio. Electrolyte drinks are best consumed as is, not diluted. Read insert in IAP!
All	Potential difficulty in establishing lookouts due to terrain features	Round Mountain to the west of the fire is potentially the best lookout position. Scout for vistas with good line of site. Get intel from previous shifts resources.
All	Escape Routes to Safety Zones	Continue to re-assess your position to your known Escape Routes to Safety Zones. Identify Management Action Points with Operations and Division Supervisors and make them known to all!
All	Difficult terrain conditions & providing for emergency medical needs.	Review Med Plan before the need arises. Limit high risk activities. Identify Medevac sites and provide info to your DIVS. Ensure that each crewmember is aware of the relatively unique hazard associated with this country
All Snakes and other wildlife		ID EMT personnel on crews. If stung or bit, reactions could become extreme within minutes. Evaluate and notify Division Supervisor immediately! Leave all wildlife alone!
All	Fire Behavior & Spotting Potential	Dramatic Increase in FB with any wind. Spot Fires possible! Keep eyes to the green. Keep one foot in the black till you come up with a safe plan. Make good decisions. Have a plan & make it known.
All	Hazard Trees	Mitigate if safe to do so. Limit exposure of personnel. Use qualified fallers and maintain a clearance of non-essential personnel of 2 $\frac{1}{2}$ times the tree height.
All	Working around heavy equipment	Maintain safe working distances from dozers. Utilize observers or spotter. Have effective communication with the operator at all times.
All	Driving	SLOW down! Initial attack phase is over. Take your time getting to and from the fire safely. Drive slowly and defensively. Distance your vehicles when roads surfaces are dusty for better visibility. Headlights ON! Seat Bealts ON! NO Cell Phone Use while driving!

Date & Time Prepared: August 3rd, 2015 @ 2100 hrs. Prepared By: Michele Tanzi, SOF1 & Jeff Barnhart, SOF2 Operational Period: August 4th, 2015 Day Shift, 0600 - 2000 hrs.

CA-MDF-000570 P5J0HP (0508)

Modoc National Forest



Today's discussion is from the First Aid / Health Category.

HYDRATION

Dehydration is the result of the body trying to regulate its temperature naturally through sweating. Studies conducted on wildland firefighters indicate that during fire suppression activities firefighters need to drink a minimum of 1 quart of fluid each hour of work.

- Maintaining body fluids is essential for sweating. You must hydrate before, during, and after work.
- Before work you should take extra fluids to prepare for the heat. Drink 1 or 2 cups of water, juice, or a sport drink before work.
- While working drink at least 1 quart of fluid per hour. Drink as much as you can during the lunch break. Water is your greatest need during work in the heat.
- → Hyponatremia (abnormally low concentration of sodium in the blood) as a result of excessive water intake a potentially life-threatening complication. Hyponatremia can be prevented when rehydration is enhanced by fluids containing sodium and potassium, or when foods with these electrolytes are consumed along with the fluid.
- → After work it is important to continue drinking to replace fluid losses. Thirst always underestimates fluid needs, so you should drink more than you think you need.
- → Unacclimatized workers lose more salt in the heat so they need to pay particular attention to salt replacement. Don't overdo salt intake; too much salt impairs temperature regulation. Excessive salt can cause stomach distress, fatigue, and other problems.
- → You can assess your hydration by observing the volume, color, and concentration of your urine. Low volumes of dark, concentrated urine, or painful urination indicate a serious need for rehydration. Other signs of dehydration include a rapid heart rate, weakness, excessive fatigue, and dizziness.
- → Rapid loss of several pounds of body weight is a certain sign of dehydration. Rehydrate before returning to work; continuing to work in a dehydrated state can lead to serious consequences, including heat stroke, muscle breakdown, and kidney failure.

References:

- -Interagency Standards for Fire and Fire Aviation Operations
- -Fitness and Work Capacity--Second Edition
- Wildland Firefighter Health and Safety: Recommendations of the April 1999 Conference, Death from Hyponatremia as a Result of Acute Water Intoxication in an Army Basic Trainee, T. Garigan and D. Ristedt

ONLINE | MAIL: 6 Minutes For Safety Task Group • 3833 S. Development Ave • Boise, ID 83705 | FAX: 208-387-5250

Heat Illness/Injury Information

Strategies that Strengthen a Fatigued Firefighter and Mitigate Heat Injury

Know Your Risk Factors

- High sugar content beverages, Energy Drinks, excessive caffeine intake, some weight loss products, creatine, ephedrine, alcohol, amphetamines, cocaine, ecstasy
- History of a previous heat injury
- Motivation to push oneself past your stopping point (warrior mentality)
- Reluctance to report issues or illness
- Decongestants, antihistamines, cholesterol lowering drugs (statins), diuretics, beta blockers, certain antibiotics (check with your personal physician)
- Recent virus: respiratory or gastrointestinal
- Recent medical procedure associated with dehydration or electrolyte disturbances
- Lower level of fitness, higher percentage of body fat
- Inadequate heat acclimatization
- Skin conditions (sunburn, skin rash, etc.)
- Dehydration, inadequate nutrition

Pre-hydration

- Dehydration before the event weakens you and sets you up for heat injury.
- Pre-hydrate daily by drinking at minimum 6-8 eight-ounce glasses of water in addition to liquids consumed during meals (8 eight-ounce glasses = 2 quarts). This should include off-duty days. The body can't be dehydrated for four days and then regain cell and tissue hydration status within the first day of returning to work. You can drink lots of fluids, but it still takes time for the water to distribute to all the compartments of the body and provide the best benefit.
- Drink throughout the day, not at one time.
- Know your own sweat rate!
 - Weigh yourself both before and after a challenging workout.
 (2 lbs. of weight loss = approximately 1 liter of fluid loss)

Hydration

- Firefighters engaged in arduous tasks can lose as much as 1-2 liters of fluid per hour.
- Replace sweat loss during an event by drinking, at minimum, 1 liter of fluid for every 1 hour of exertion. (4 eight-ounce water bottles = approximately 1 liter).
- A general rule after one hour of work is adding in sports drinks (Gatorade) to replace carbohydrates, sodium and electrolytes. (1 twelve-ounce can of Gatorade followed by 3 eight-ounce water bottles = approximately 1 liter).

File Code:

5100

Route To:

Date: August, 1 2015

Subject: Firefighter Fatality Frog Incident; Preliminary Briefing

To: Randy Moore, Regional Forester, Pacific Southwest Region

THE FOLLOWING INFORMATION IS PRELIMINARY AND SUBJECT TO CHANGE

Location: Frog Incident, Big Valley Ranger District, Modoc National Forest

Date/Time of Occurrence: July 30th, 2015 approximately 1930 hrs

Mission: Initial Attack

Number Injured: none

Number of fatalities: 1

Property Damage: None

Narrative: David Ruhl died while engaged in Initial Attack activities on the Frog Incident on the Modoc National Forest. Mr. Ruhl was a USFS Engine Captain from the Mystic Ranger District, Black Hills National Forest. He was on assignment as a detailed Assistant District Fire Management Officer to the Modoc National Forest.

Contact was lost with Mr. Ruhl during initial attack when the suspected lightning-ignited fire exhibited aggressive fire behavior due to the influence of near-by thunderstorms. A search and rescue effort was immediately put into action, but was hampered by darkness and continued fire spread.

At approximately 0915 on July 31st the body of Mr. Ruhl was located.

A U.S. Forest Service review team is en-route to the incident.

Amanda G. McAdams Forest Supervisor

cc: Jeanne Wade Evans

Shawna Legarza Paige Boyer Pete Duncan Steve Schlientz Larry Sutton



TRAINING SPECIALIST MESSAGE

Remember:

An individual may not have more than six active position task books at one time.

No more than two of the six allowed position task books may be in a single functional area, including prescribed fire.

Task books expire 3 years from the date they are initiated, documentation of the first assignment resets that date.



Make everything as simple as possible, but not simpler. Albert Einstein

Di	ate & Time Order was placed:	Order #	Lo	cation & Time for Delivery (DIV,LZ,DP,Lat Long)	Mode of delivery
		(DIVS+#)			(Driven/Helo/DIVS to Pi
Г			La	t:	
			Lo	ng:	
01	der received in Communications by (Name)	:			Time:
-	der shipped to line by (Name): (Send this she		he or	der)	Time:
#		The state of the s	T		Time.
1	1,000 Foot Hose Lay includes the followin	g. Amount			
_	10, 100'x1½" Rolls Hose; 10, 100'x1" Rolls Hos			— — — — — — — — — — — — — — — — — — —	
	10, 100 X1/2 Rolls Hose, 10, 100 X1 Rolls Hos	e; 10, 172 Gateu W	yes; .	to, 1/2 to 1 reducers; 10, 1 nozzies	
2	2,000 Foot Hose Lay includes the followin	g: Amount			
	20, 100'x11/2" Rolls Hose; 20, 100'x1" Rolls Hos	e; 20, 1½" Gated W	yes; 2	20, 1%" to 1" reducers; 20, 1" nozzles	
3	3,000 Foot Hose Lay includes the followin	a: Amount			
	30, 100'x1½" Rolls Hose; 30, 100'x1" Rolls Hos		voc. 3	0 1%" to 1" raducars: 20 1" norrles	
#	Item	Amount	#	Item	Amount
4	Hose (50') garden, 3/4"	Amount	30	Gas Unleaded (Gallons)	Amount
5	Hose (100'), 1"	=	_	Oil 2 cycle, (Pints)	
6	Hose (100'), 1½"		_	Bar Oil (Qts)	
7	Nozzle, Garden, 3/4"		_	Drip Torch ea	
8	Nozzle, Forester, 1"		_	Drip torch mix 3.5:1.5 (gallon)	
-	Nozzle, KK Type, 1"		_	Fusees (Boxes or cases)???	
	Nozzle, KK Type, 1½"		_	Flare Gun Rounds (12/BX)	-
11	Wye, Gated, 3/4"	3011		Cartridge #6 purple (box)	
12	Wye, Gated, 1"		-	Batteries "AA" PKGs(24/PKG)/BX	
13	Wye, Gated, 1½"		_	Ribbon, Flagging (Specify Color)*	
14	Inline-Tee, 1x1x3/4"		_	Water, Cubies	
15	Inline-Tee, 1x1x1"		41	Water, Bottled, Cases	
16	Inline-Tee (1½" X 1")		42	Gatorade	
17	Reducer, 1" X 3/4"		43	MRE's (12/BX)	
18	Reducer, 1½" X 1"		44	Heavy Mill Plastic	
19	Increaser, 3/4" X 1"		45	Washcloth, waterless, cleansing	
20	Increaser, 1" X 1½"		46	Wrap, Structure 54"x300'	
21	Foam 5 gal	3.412 3.40	47	Sprinkler Kit	
22	Foam 4 oz (For Backpack Pump)		48	Mark 3 Pump	
23	Backpack Pump		49	Mark 3 Pump Kit- w/10 gal mixed fuel	
24	Pumpkin (Gallons?)		50	Chainsaw Kit	
25	Porta-Tank (Gallons?)		51	Mop-Up Kit , 3-Wand	
-	Shovel		52	Pump Kit , Lightweight, 2 Cycle	
27	Pulaski		53	Gas, Raw and 2 qts 2-cycle oil, ea	
\rightarrow	Combi Tool		54	Lightweight Pump Kit-Cache w/5gal fuel	
29	McCloud		55	Gas, raw (gal) and 1 qt 2-cycle oil, ea.	
	79.00				
4					
-	Notes:			Notes:	Incident Management of the North of the Nort



WE NEED YOUR PICTURES!

If you have photos or video from this fire please stop by the PIO Office in the ICP or scan the QR code below and it will take you to our email and you can send your stuff directly to us and we can post them to Inciweb and our Facebook and Twitter pages.

Just remember:

- Be safe when taking pictures
- Make sure Firefighters are wearing all PPE
- Give us the basics of the photo such as time and date, location, crew or person shown, etc.
- Show your Agency in a positive light be professional.
- Do not take photos of accidents, injuries, near misses, etc.

Nor Cal Team 1 PIO Email



INCIDENT WATER USE LOG									
DATE	WATER SOURCE	QUANTITY	E NUMBER	DRIVER					
				ng a principal de la Maria del					
				100 11 1000					

		111. 000.00							

				· · · · · · · · · · · · · · · · · · ·					

Include the following information:

Date water was received

Water Source (Where you got the water)

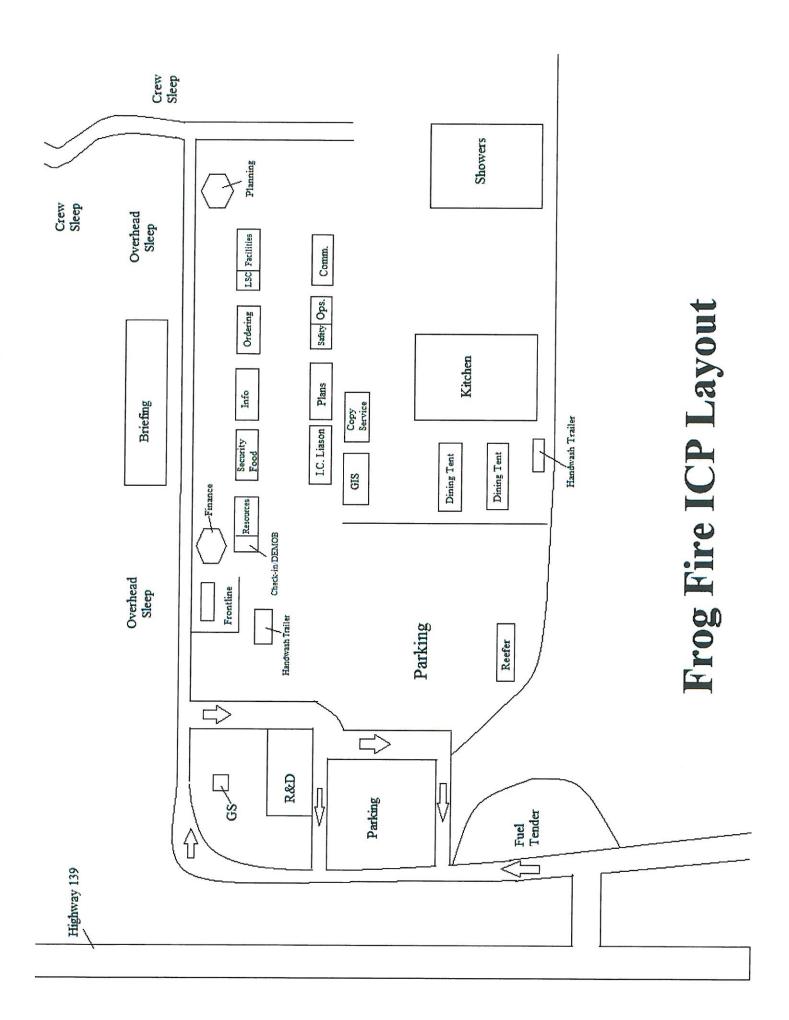
Gallons collected

Resource Order number of resource collecting water

Driver Name

Return this form to FINANCE

(Additional forms available in Finance)



UNIT	LOG	1. Incident Name	2. Date Prepared	3. Time Prepared
4. Unit Name/Designa	tors	5. Unit Leader (Name and Pos	ition)	6. Operational Period
7.	3.030	Personne	el Roster Assigned	
Na	me	ICS	Position	Home Base
			····	
			**	
8.	1	Activity Lo		
Time			Major Events	
		to the transfer of the transfe		
		10 10 10 10 10 10 10 10 10 10 10 10 10 1		
	* **			
Prepared by (Name a	nd Position)			
