

Eclipse Complex

Incident Action Plan

Saturday, Aug 26th to Sunday, Aug 27th 2017

Day Shift 0600 – 2000 & Night Shift 1800 - 0800



★ Steep Terrain

- Concentrate on foot placement to limit slips, trips and falls
- Proper spacing of resources to limit exposure
- Go slow to go fast


★ Pre-planning for Medical Emergencies

- What are we going to do if somebody gets hurt?
- How will we get them out of here?
- How long will it take to get them to a hospital?
- Utilize block 6 on Med Plan for your Pre-Plan



**KEEP A HIGH LEVEL OF
SITUATIONAL AWARENESS**

**Eclipse Complex: CA-KNF-006098 (0505), P5K9QB
Klamath National Forest**

INCIDENT OBJECTIVES	1. Incident Name Eclipse Complex	2. Date 08/25/2017	3. Time 2000
4. Operational Period August 26-27, 2017 DAY / NIGHT SHIFT			
<u>CONTROL OBJECTIVES</u>			
1) Keep the Oak Fire: <ul style="list-style-type: none"> • South of Kelly Lake Road (18N30) to protect, infrastructure, private property, cultural, and natural resources. • West of the 17N22 Road, indirect dozer and hand line, Hwy 96, 15N32 Road, Clear Creek, Clear Fire containment line and Pony Peak Ridge Road to protect private property, infrastructure, and heritage resources. • North of the Happy Camp/Ukonom Ranger District boundary and Sawtooth Mtn. to protect heritage and natural resources. • Within the western boundary of the Siskiyou Wilderness to protect natural and heritage resources. 2) Keep the Cedar and Four-Mile fires: <ul style="list-style-type: none"> • Within remote national forest areas to protect heritage, cultural, and natural resources. 3) Confine, contain, or control all fires commensurate with values at risk.			
<u>MANAGEMENT OBJECTIVES</u>			
1) Provide for public and fire fighter safety by maintaining life first principles. 2) Implement strategies and tactics that have a high probability of success always taking into consideration responder exposure. 3) Minimize impacts to cultural resources, infrastructure, and private property. 4) Minimize post-fire, undesirable fire and suppression effects. 5) Establish and strengthen cooperators, partners, and stakeholder relationships and provide timely and accurate incident information.			
6. Weather Forecast for Period <ul style="list-style-type: none"> • See attached weather forecast. 			
7. General Safety Message <ul style="list-style-type: none"> • See attached safety messages. 			
8. Attachments (mark if attached)			
<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Weather	
<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> ICS215a	
<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input checked="" type="checkbox"/> ICS 220	<input type="checkbox"/> Rehab Considerations	
9. Prepared by (Planning Section Chief) Walter Herzog	10. Approved by (Incident Commander) Curtis Coats 		

ORGANIZATION ASSIGNMENT LIST		Ordering	Aaron Woods
1. Incident Name Eclipse Complex		Facilities Unit	Jeff Huhtala, Frank DelCarlo
2. Date August 25, 2017	3. Time 2100	Ground Support Unit	Harry Zabel, John Wickstrom (t)
4. Operational Period Day and Night Shift, August 26-27, 2017		Communications Unit	John Chapman
Position	Name	COMT / INCM	Matt Panks, Robert Flaim
5. Incident Commander and Staff		Medical Unit	Josh Ramey
Incident Commander	Curtis Coots	Receiving & Distribution	Fred Johnson
Deputy	Paul Bannister	Security Manager	Michael Turner
Safety Officer	Michele Tanzi, Jeff Barnhart, Mike Frederick, Robert Hilfer (t)	Food Unit	Mark McGuiness, Jay Westlake
Information Officer	Kathy Hardy, Jim Mackensen, Shawn Compton	9. Operations Section	
Liaison Officer	Kent Swartzlander	Operations – Day	Alec Lane
6. Agency Representative		Operations – Night	Mike Klimek (t)
Agency Administrator	Jeff Marszal	Planning Ops	Kyle Jacobson (t), Mario Gomez (t)
Deputy Agency Administrator	Eric Baxter	a. Division/Groups	
Karuk Tribal Rep	Earl Crosby	Branch I	Curt Lindstrand
Heritage Coordinator	Dave Medford	Division/Group CEDAR B	Jack Sevelson, Brian Combs (t)
Cal Fire	Luke Kendall	Division/Group CEDAR W	Joe Morris, Anthony Powers (t)
READ	Sean Kelly	Division/Group CEDAR G/H	unstaffed
Heritage Read	Matthew Padilla	b. Division/Groups	
IARR Southwest	Gabriel Partido	Branch II	Don Fregulla
7. Planning Section		Division/Group OAK D	Tim Ritchey, Tommy Hawkins (t)
Chief	Walter Herzog	Division/Group OAK F	Richard Inghram, Johnny Villa (t)
Deputy	Alan Taylor	Division/Group OAK Z	Michael Sweany, Harold Reed (t)
Resources Unit	Rita Mustatia	Structure Group	Matt Prentiss, Kenneth Glazer (t)
Situation Unit	Eric Kronner, Travis Neppl (t)	Contingency	Gene Neely
Demobilization Unit	Gary Deboi	OAK NIGHT	Paul Maricusa, Stephanie Gleason (t)
Documentation Unit	Rex Crabtree	c. Division/Groups	
Training	Mary Leathers	c. Air Operations Branch	
CTSP	George Steel	Air Operations Branch Director	Kerry Koskela
GISS	Jim Gonzalez, Kent Bloomer(t), John Hageness, Mike Miller	Air Attack Supervisor	
FBAN	Bob Patton	Air Support Supervisor	Steve Beall, Jim Gould
IMET	Ryan Walbrun	10. Finance Section	
SCKN	Marissa Williams (t)	Chief	Lois Charlton
LTAN	Clint Isbell	Time Unit	
8. Logistics Section		Equipment Unit	Louise Casias Bradley Thompson, Lawrence Ames, Kim McDaniel
Chief	Mike Jellison, Richard Crowther (t)	Personnel Unit	Debbie McIntosh, Joyce Barott,
Deputy		Cost Unit	Lou Ann Charbonnier (t)
Supply Unit	David Alicea	Compensation/Claims Unit	Debbie McIntosh
		Prepared by (Resource Unit Leader) Gary R. Deboi	

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
ECLIPSE COMPLEX			Branch:		Division/Group:	
2. Operational Period: 24 HOUR			I		B	
Date/Time From: 08/26/2017 0600 SAT		Date/Time To: 08/27/2017 0800 SUN				
4. Operations Personnel						
OPERATIONS CHIEF		ALEC LANE KYLE JACOBSON (T)		BRANCH DIRECTOR		
DIVISION/GROUP SUPERVISOR		JACK SEVELSON BRIAN COMBS (T)		AIR ATTACK SUPERVISOR		
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC2IA - FIRESTORM 19 C-55		09/04	JAMES RAMIREZ	19	ICP/0600	ICP/2000
FALM NORTH ZONE FALLERS		08/26	JEREMY MASON	2	ICP/0600	ICP/2000
TFLD CHAD MACHMER O-72		08/26		1	ICP/0600	ICP/2000
TFLD ADAM JAMES (T) O-73		08/26		1	ICP/0600	ICP/2000
FELB MATT C CARROLL O-214		09/06		1	ICP/0600	ICP/2000
FOBS BRUCE CANN O-153		09/01		1	ICP/0600	ICP/2000
FOBS MICHAEL TOWNSEND (T) O-53		08/30		1	ICP/0600	ICP/2000
SOF2 JAMES COURTRIGHT O-21.51		08/28		1	ICP/0600	ICP/2000
FEMT JOHN MURAOKA O-6		08/30		1	ICP/0600	ICP/2000
FEMP NICK RUBIN O-35		08/30		1	ICP/0600	ICP/2000
FEMT MODULE - REMS - XSJ REMS 1 O-23		08/31	STEVE GUERRERO	2	ICP/0600	ICP/2000
6. Control Operations/Work Assignments:						
Construct indirect line Utilize MIST tactics. Assist DIV W with line construction						
7. Special Instructions:						
Backhaul unnecessary supplies and trash. SOF2 shared with DIV W						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1	163.1500N	141.3	171.5375N	141.3	
TACTICAL	4	168.0500N	146.2	168.0500N	146.2	
AIR TO GROUND	12	168.3375N		168.3375N		
AIR TO GROUND	14	164.0125N		164.0125N		
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
RITA MUSTATIA			WALTER HERZOG <i>Walter J. Herzog</i>		08/25/2017	2015

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:			3.			
ECLIPSE COMPLEX			Branch:		Division/Group:	
2. Operational Period: 24 HOUR			I		W	
Date/Time From: 08/26/2017 0600 SAT		Date/Time To: 08/27/2017 0800 SUN				
4. Operations Personnel						
OPERATIONS CHIEF		ALEC LANE KYLE JACOBSON (T)		BRANCH DIRECTOR		
DIVISION/GROUP SUPERVISOR		JOE MORRIS ANTHONY POWERS (T)		AIR ATTACK SUPERVISOR		
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
HC1 - DALTON HOTSHOTS IHC C-21		09/01	SCOTT GORMAN	20	ICP/0600	ICP/2000
HC1 - ARROYO GRANDE IHC C-52		09/04	MIKE HICKEY	19	ICP/0600	ICP/2000
HC2 - BLACK EAGLES 6 C-43		08/30	COLTON BUEHLER	22	ICP/0600	ICP/2000
HC HELITACK H-506			JOSH WILSON	10	ICP/0600	ICP/2000
ENG3 - STF 34 E-123		09/02	BRENT BOLTSHAUSER	5	ICP/0600	ICP/2000
ENG3 - SNF 51 E-124		09/02	STEVE PATTERSON	5	ICP/0600	ICP/2000
DOZ2 MNF W/TRANS E-148		09/03	SEAN LYNCH	2	ICP/0600	ICP/2000
WT2 - LET-ER-BUCK E-183		09/02	KEN ROWE	1	ICP/0600	ICP/2000
WT2 - SHF 16 E-187		09/03	DUANE LIVINGSTON	1	ICP/0600	ICP/2000
SOFR ROBERT FISHER O-59		09/06		1	ICP/0600	ICP/2000
ARCH MATTHEW JOHN PADILLA O-85		08/29		1	ICP/0600	ICP/2000
CULS DAVID ALVIN MEDFORD O-275		09/06		1	ICP/0600	ICP/2000
EMTF COLIN GAULT O-31		08/31		1	ICP/0600	ICP/2000
EMPF JON L WINSLOW O-30		08/31		1	ICP/0600	ICP/2000
6. Control Operations/Work Assignments:						
Firing operations from the Bug Rd towards Thompson Creek Hold previous shifts firing operations and slopover Assess opportunities for contingency line						
7. Special Instructions:						
SOF2 shared with DIV B						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1	163.1500N	141.3	171.5375N	141.3	
TACTICAL	8	166.7750N	146.2	166.7750	146.2	
AIR TO GROUND	12	168.3375N		168.3375N		
AIR TO GROUND	14	164.0125N		164.0125N		
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
RITA MUSTATIA			WALTER HERZOG <i>Walter J. Herzog</i>		08/25/2017	2045

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:				3.			
ECLIPSE COMPLEX				Branch: II		Division/Group: D	
2. Operational Period: 24 HOUR							
Date/Time From: 08/26/2017 0600 SAT		Date/Time To: 08/27/2017 0800 SUN					
4. Operations Personnel							
OPERATIONS CHIEF		ALEC LANE KYLE JACOBSON (T)		BRANCH DIRECTOR		DON FREGULIA	
DIVISION/GROUP SUPERVISOR		TIM RITCHEY TOMMY HAWKINS (T)		AIR ATTACK SUPERVISOR			
5. Resources Assigned this Period							
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
HC2 CHEVAK #2 C-45		09/04	LEO MOSES	19	SPIKE/	SPIKE/	
ENG4 GCT 80		08/27	KEN DELRYIA	5	SPIKE/	SPIKE/	
ENG5 - WILDFIRE SUPPORT 316 E-118		09/03	RYAN VIGIS	3	SPIKE/	SPIKE/	
ENG5 - WILDFIRE SUPPORT 516 E-119		09/03	PETER ALLEN	3	SPIKE/	SPIKE/	
ENG3 BRUSH 21 E-104		09/02	WILL MORGAN	4	SPIKE/	SPIKE/	
ENG4 GCT 81		09/27	LEE DELYRIA	3	SPIKE/	SPIKE/	
DOZ2 -PETERS W/TRANS E-90		09/02	SAM DOTSON	2	SPIKE/	SPIKE/	
MAST FLOODGATE H20		08/31	WILLIAMS HARVEY/COLTER HOLLEMAN	2	SPIKE/	SPIKE/	
CHIP GREENHOUSE E-180		08/28	NICK DROGOWSKI	2	SPIKE/	SPIKE/	
WT2 - KNF 17 E-186		09/04	MIKE LECKNESS	1	SPIKE/	SPIKE/	
WT2 YREKA OUTLANDS		08/30	ALLEN WILLIAMS	1	SPIKE/	SPIKE/	
FALM AMERICAN TIMBER O-159		09/02	KEVIN BLANKENSHIP	2	SPIKE/	SPIKE/	
TFLD KEVIN J OSBORNE (T) O-44		08/30		1	SPIKE/	SPIKE/	
HEQB ANDY ACHTER O-69		08/26		1	SPIKE/	SPIKE/	
FELB GABRIEL TEMPLETON O-216		09/05		1	SPIKE/	SPIKE/	
TFLD CHRIS LANDRY O-274		09/07		1	SPIKE/	SPIKE/	
SOFR TERRY NICKERSON (T) O-13		08/29		1	SPIKE/	SPIKE/	
EMTF KYLE GRIFFITH O-269		09/07		1	SPIKE/	SPIKE/	
EMPF USVALDO GUERRERO O-270		09/06		1	SPIKE/	SPIKE/	
8. Division/Group Communication Summary							
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode	
COMMAND	3	171.0375N	146.2	165.3625N	146.2		
TACTICAL	6	168.6000N	146.2	168.6000	146.2		
AIR TO GROUND	12	168.3375N		168.3375N			
AIR TO GROUND	13	164.8375N		164.8375N			
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)			Date	Time
RITA MUSTATIA			WALTER HERZOG <i>Walter Herzog</i>			08/25/2017	2100

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:				3.			
ECLIPSE COMPLEX				II		D	
2. Operational Period: 24 HOUR							
Date/Time From: 08/26/2017 0600 SAT		Date/Time To: 08/27/2017 0800 SUN					
4. Operations Personnel							
OPERATIONS CHIEF		ALEC LANE KYLE JACOBSON (T)		BRANCH DIRECTOR		DON FREGULIA	
DIVISION/GROUP SUPERVISOR		TIM RITCHEY TOMMY HAWKINS (T)		AIR ATTACK SUPERVISOR			
6. Control Operations/Work Assignments:							
Prep from DP 70 to SF Indian Creek Scout opportunities for contingency line							
7. Special Instructions:							
Backhaul unnecessary supplies and trash							
8. Division/Group Communication Summary							
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode	
COMMAND	3	171.0375N	146.2	165.3625N	146.2		
TACTICAL	6	168.6000N	146.2	168.6000	146.2		
AIR TO GROUND	12	168.3375N		168.3375N			
AIR TO GROUND	13	164.8375N		164.8375N			
9. Prepared By (Resource Unit Leader)				Approved By (Planning Section Chief)		Date	Time
RITA MUSTATIA				WALTER HERZOG <i>Walter J. Herzog</i>		08/25/2017	2100

DIVISION ASSIGNMENT LIST			1. Branch II		2. Division/Group F (Page 1 of 2)		
3. Incident Name Eclipse Complex (Oak Fire)			4. Operational Period Date: August 26, 2017 Time: 0600- 2000				
5. Operations Personnel							
Operations Chief		Alec Lane		Division/Group Supervisor		Richard Inghram, Johnny Villa (t)	
Branch Director		Don Fregulia		Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader	LWD	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
HC1 Mill Creek IHC (C-19 Eclipse)		John Ellison	8/27	20	N	ICP / 0600	ICP / 2000
HC2IA Eagle Lake (C-40 Eclipse)		Ben Wheeler	8/28	19	N	ICP / 0600	ICP / 2000
HC2IA GFP 15 Delta (C-22 Eclipse)		Brandon Campbell	8/31	20	N	ICP / 0600	ICP / 2000
HC2 Navajo Scouts #5 (C-42 Eclipse)		Learoyd Begay	8/31	20	N	ICP / 0600	ICP / 2000
HC2 Santa Lucia Crew #7 (O-62 Eclipse)		Jesse Hondricks	9/6	21	N	ICP / 0600	ICP / 2000
HC2IA White Mountain (C-24 Eclipse)		Owen Smith	8/21	21	N	ICP / 0600	ICP / 2000
S/T ENG3 BDF 6606C (E-161 Eclipse)		Emanuel Torres	8/28	26	N	ICP / 0600	ICP / 2000
ENG3 TNF 341 (E-103 Eclipse)		Eric Husmann	9/2	5	N	ICP / 0600	ICP / 2000
ENG3 A4S (E-121 Eclipse)		Demetri Baca	9/2	4	N	ICP / 0600	ICP / 2000
ENG3 J3 Contracting E-17 (E-13 Oak)		John Hoellerich	8/31	3	N	ICP / 0600	ICP / 2000
ENG6 J3 Contracting E-13 (E-24 Oak)		Matt Frederick	8/31	3	N	ICP / 0600	ICP / 2000
ENG6 Rocky Point Wildfire 117 (E-166)		Ryan Flores	9/4	3	N	ICP / 0600	ICP / 2000
WT2 Cattlelack Ranch E-7 (E-162 Eclipse)		Doug Kaufner (Day)	9/7	1	N	ICP / 0600	ICP / 2000
WT2 Cattlelack Ranch E-8 (E-163 Eclipse)		Clay Cash (Day)	9/4	1	N	ICP / 0600	ICP / 2000
FALM American Timber (O-42 Eclipse)		Christopher Linsley/ Wyatt Stover	8/31	2	N	ICP / 0600	ICP / 2000
FALM (O-158 Eclipse)		Adam Miller/ Logan Miller	9/3	2	N	ICP / 0600	ICP / 2000
TFLD (O-39 Eclipse)		Robert Hoyle	8/30	1	N	ICP / 0600	ICP / 2000
TFLD (t) (O-103 Eclipse)		Shilo Springstead	8/31	1	N	ICP / 0600	ICP / 2000
SOF2 (O-14 Eclipse)		Michael Frederick	8/29	1	N	ICP / 0600	ICP / 2000
REAF(O-151 Eclipse)		Alex Watts-Tobin	9/1	1	N	ICP / 0600	ICP / 2000
7. Control Operations Continue firing operations along the 17N16 Rd. Mop-up previous shifts firing operations to maintain containment.							
Special Instructions: Backhaul unnecessary supplies and trash.							
Function		Frequency		Name		Channel	
Command		RX171.0375N TX165.3625N		CMD 3		3 (Tone 146.2)	
Tactical Div/Group		RX 168.7250N TX 168.7250N		TAC 5		7 (Tone 146.2)	
Function		Frequency		Name		Channel	
Air to Ground		Rx 168.3375N Tx 168.3375N		A/G CMD		12	
Air to Ground		RX164.8375N TX164.8375N		A/G TAC 1		13	
Prepared by (Resource Unit Leader) Rita Mustafia			Approved by (Planning Section Chief) Walt Herzog <i>Walt J. Herzog</i>			Date August 25, 2017	
						Time 2100	

DIVISION ASSIGNMENT LIST				1. Branch II		2. Division/Group Z (Page 1 of 2)	
3. Incident Name Eclipse Complex (Oak Fire)				4. Operational Period Date: August 26, 2017 Time: 0600- 2000			
5. Operations Personnel							
Operations Chief		Alec Lane		Division/Group Supervisor		Michael Sweany, Harold Reed(t)	
Branch Director		Don Fregulia		Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	LWD	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
HC1 Little Tujunga IHC (C-20 Eclipse)	Oscar Vargas	9/1	20	N	ICP / 0600	ICP / 2000	
HC2 Allakaket (C-44 Eclipse)	Beattus Moses	9/4	20	N	ICP / 0600	ICP / 2000	
HC2 Venetie (C-47 Eclipse)	Ernest Erick	9/4	20	N	ICP / 0600	ICP / 2000	
HC2 Cobras 4 (C-23 Eclipse)	J. Torres	8/27	21	N	ICP / 0600	ICP / 2000	
S/T ENG3 2600 C	Nick Balent	9/1	27	N	ICP / 0600	ICP / 2000	
ENG3 AZNCO (E-117 Eclipse)	Vincent Nielson	9/2	4	N	ICP / 0600	ICP / 2000	
ENG3 CNF 329 (E-120 Eclipse)	Steve Reyes	9/2	5	N	ICP / 0600	ICP / 2000	
ENG3 PNF 324 (E-106 Eclipse)	Andrew Patota	9/2	5	N	ICP / 0600	ICP / 2000	
DOZ2 Carlson Const. (E-127 Eclipse)	Kurtis Embury	9/1	2	N	ICP / 0600	ICP / 2000	
DOZ2 E-1 Kev's Backhoe (E-158 Eclipse)	Kevin Carlson	8/25	2	N	ICP / 0600	ICP / 2000	
MAST Diversified Resources (E-33 Eclipse)	Justin Claughton	8/29	2	N	ICP / 0600	ICP / 2000	
CHIP2 Ray Godon (E-17 Eclipse)	Brandon Balderas	8/30	2	N	ICP / 0600	ICP / 2000	
CHIP2 Cecil Logging (E-16 Eclipse)	Will Draper	9/1	2	N	ICP / 0600	ICP / 2000	
GRD1 Moody (E-35 Eclipse)	Tom Relisze	9/2	1	N	ICP / 0600	ICP / 2000	
WT2 CattlelackRanch E-9 (E-164 Eclipse)	Eric Head (Day)	8/27	1	N	ICP / 0600	ICP / 2000	
WT2 White Logging E-51 (E-69 Eclipse)	Tom White	9/3	1	N	ICP / 0600	ICP / 2000	
FALM (E-102 Eclipse)	Dustin Brown	9/2	2	N	ICP / 0600	ICP / 2000	
FALM (0-109 Eclipse)	Dennis Withers	9/2	2	N	ICP / 0600	ICP / 2000	
TFLD (O-279 Eclipse)	Phillip Weston	9/8	2	N	ICP / 0600	ICP / 2000	
TFLD (t) (O-160 Eclipse)	Nolan Reynolds	9/1	1	N	ICP / 0600	ICP / 2000	
7. Control Operations Mop-up previous shifts firing operations to maintain containment. Scout opportunities for contingency line.							
Special Instructions: Backhaul unnecessary supplies and trash							
Function	Frequency	Name	Channel	Function	Frequency	Name	Channel
Command	RX171.0375N TX165.3625N	CMD3	3 (Tone 146.2)	Air to Ground	Rx 168.3375 Tx 168.3375	A/G CMD	12
Tactical Div/Group	RX 168.2500N TX 168.2500N	TAC 7	9 (Tone 146.2)	Air to Ground	RX164.8375N TX164.8375N	A/G TAC 1	13
Prepared by (Resource Unit Leader) Rita Mustatia		Approved by (Planning Section Chief) Walt Herzog <i>Walt J. Herzog</i>		Date August 25, 2017		Time 2100	

DIVISION ASSIGNMENT LIST				1. Branch 11		2. Division/Group Structure Group (Page 1 of 2)																									
3. Incident Name Eclipse Complex (Oak Fire)				4. Operational Period Date: August 26, 2017 Time: 0600-2000																											
5. Operations Personnel																															
Operations Chief		Alec Lane		Division/Group Supervisor		Matt Prentiss/ Kenneth Glazer (t)																									
Branch Director		Don Fregulia		Air Attack Supervisor No.																											
6. Resources Assigned this Period																															
Strike Team/Task Force/ Resource Designator		Leader	LWD	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time																								
S/T ENG3 LNF 3616 C (E-141 Eclipse)		Scott Flynn	9/2	26	N	ICP / 0600	ICP / 2000																								
S/T ENG3 OES 3800 C (E-239 Eclipse)		Raymond Barber	9/7	17	N	ICP / 0600	ICP / 2000																								
ENG6 Woods 27 E-15 KNF Support		Kurt Flewell	9/2	3	N	ICP / 0600	ICP / 2000																								
ENG6 E-25 KNF (E-235 Eclipse)		Dennis Franklin	9/6	4	N	ICP / 0600	ICP / 2000																								
ENG3 Platte Valley (E-111 Eclipse)		Alex Haak	9/2	3	N	ICP / 0600	ICP / 2000																								
ENG3 Berthoud 13 (E-115 Eclipse)		Justin Rupert	9/2	4	N	ICP / 0600	ICP / 2000																								
DOZ2 North State (E-34 Eclipse)		George Poe	8/31	2	N	ICP / 0600	ICP / 2000																								
DOZ2 Brad Ingram Const. (E-150 Eclipse)		Brad Ingram	9/3	2	N	ICP / 0600	ICP / 2000																								
WT2 Johnson (E-39 Eclipse)		Timothy Gray	9/1	1	N	ICP / 0600	ICP / 2000																								
WT2 Johnson (E-40 Eclipse)		Stephen Boerman	9/1	1	N	ICP / 0600	ICP / 2000																								
STEN O-57		Cougan Carothers	9/1	1	N	ICP / 0600	ICP / 2000																								
HEQB (O-232 Eclipse)		Mike Knipfel	9/6	1	N	ICP / 0600	ICP / 2000																								
TFLD (O-56 Eclipse)		Keith Burnette	9/1	1	N	ICP / 0600	ICP / 2000																								
TFLD (t) (O-122 Eclipse)		Matt Flying	9/1	1	N	ICP / 0600	ICP / 2000																								
TFLD (O-7 Eclipse)		David Rogers	8/30	1	N	ICP / 0600	ICP / 2000																								
7. Control Operations																															
Provide structure protection for residence and private property.																															
Special Instructions:																															
Structure Protection Backhaul unnecessary supplies and trash.																															
<table border="1"> <thead> <tr> <th>Function</th> <th>Frequency</th> <th>Name</th> <th>Channel</th> <th>Function</th> <th>Frequency</th> <th>Name</th> <th>Channel</th> </tr> </thead> <tbody> <tr> <td>Command</td> <td>RX171.0375N TX165.3625N</td> <td>CMD3</td> <td>3 (Tone 146.2)</td> <td>Air to Ground</td> <td>RX168.3375N TX168.3375N</td> <td>A/G CMD</td> <td>12</td> </tr> <tr> <td>Tactical Div/Group</td> <td>RX168.0500N TX168.0500N</td> <td>TAC 1</td> <td>10</td> <td>Air to Ground</td> <td>RX164.8375N TX164.8375N</td> <td>A/G TAC 1</td> <td>13</td> </tr> </tbody> </table>								Function	Frequency	Name	Channel	Function	Frequency	Name	Channel	Command	RX171.0375N TX165.3625N	CMD3	3 (Tone 146.2)	Air to Ground	RX168.3375N TX168.3375N	A/G CMD	12	Tactical Div/Group	RX168.0500N TX168.0500N	TAC 1	10	Air to Ground	RX164.8375N TX164.8375N	A/G TAC 1	13
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Prepared by (Resource Unit Leader) Marisa Williams(t)			Approved by (Planning Section Chief) Walt Herzog <i>Walt J Herzog</i>			Date August 25, 2017		Time 2100																							

DIVISION ASSIGNMENT LIST				1. Branch II		2. Division/Group Contingency	
3. Incident Name Eclipse Complex (Oak Fire)				4. Operational Period Date: August 26, 2017 Time: 0600- 2000			
5. Operations Personnel							
Operations Chief		Alec Lane		Division/Group Supervisor		Gene Neely	
Branch Director		Don Fregulia		Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader	LWD	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
HC2 Arctic Village (C-46 Eclipse)		Benjamin Peter	9/4	20	N	ICP / 0600	ICP / 2000
DOZ2 Peters (E-73 Eclipse)		Chris Olivold	9/7	2	N	ICP / 0600	ICP / 2000
DOZ2 Able (E-74 Eclipse)		James Gordon	8/30	2	N	ICP / 0600	ICP / 2000
DOZ2 Let-er-Buck (E-89 Eclipse)		Steve Lassen	9/3	2	N	ICP / 0600	ICP / 2000
DOZ2 Tim Johnson (E-147 Eclipse)		Tim Johnson/ Mark Johnson	9/3	2	N	ICP / 0600	ICP / 2000
DOZ2 Bens Truck (E-159 Eclipse)		Tony Duerr		2	N	ICP / 0600	ICP / 2000
EXCA Dudleys Excavating (E-135 Eclipse)		John Stugelmeyer	9/2	2	N	ICP / 0600	ICP / 2000
GRD2 Bob Johnson (E-222 Eclipse)		Jack Hottendorf	9/6				
FALM (O-236 Eclipse)		Travis Barney/ Kyle Armijo	9/6	2	N	ICP / 0600	ICP / 2000
TFLD (O-184 Eclipse)		Logan Lawson	9/4	1	N	ICP / 0600	ICP / 2000
TFLD(t) (O-229 Eclipse)		Curtis Matthews	9/4	1	N	ICP / 0600	ICP / 2000
HEQB (O-197 Eclipse)		Kevin Case	9/4	1	N	ICP / 0600	ICP / 2000
HEQB (O-278 Eclipse)		Doug Lingen	9/6	1	N	ICP/0600	ICP/2000
FEMP (O-9 Eclipse)		Zachary Brown	8/30	1	N	ICP / 0600	ICP / 2000
7. Control Operations Construct line to protect the community of Happy Camp.							
Special Instructions:							
Function		Frequency		Name		Channel	
Command		RX 171.0375N TX 165.3625N		CMD 3		3 (Tone 146.2)	
Tactical Div/Group		RX 168.2000N TX 168.2000N		TAC 2		5 (146.2)	
Function		Frequency		Name		Channel	
Air to Ground		RX168.3375N TX168.3375N		A/G CMD		12	
Air to Ground		RX164.8375N TX164.8375N		A/G TAC1		13	
Prepared by (Resource Unit Leader) Rita Mustatia			Approved by (Planning Section Chief) Walt Herzog <i>Walter J. Herzog</i>			Date August 25, 2017	
						Time 2100	

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:				3.		
ECLIPSE COMPLEX				II	NIGHT	
2. Operational Period: 24 HOUR					Branch:	Division/Group:
Date/Time From: 08/26/2017 0600 SAT		Date/Time To: 08/27/2017 0800 SUN				
4. Operations Personnel						
OPERATIONS CHIEF		MIKE KLIMEK (T)		BRANCH DIRECTOR		
DIVISION/GROUP SUPERVISOR		PAUL MANCUSO STEPHANIE L GLEASON (T)		AIR ATTACK SUPERVISOR		
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
HC21A - LASSEN CREW 9 C-17	08/29	ALLEN SCHULTZE	19	ICP/1800	ICP/0800	
HC21A - ELK MT C-39	08/29	ROBERT DANIELS	21	ICP/1800	ICP/0800	
HC21A- ZUNI #1 C-1	08/28	CARMEN GOSEYUN	20	ICP/1800	ICP/0800	
S/T ENG3 - CA-SHF - 3675C	08/29		27	ICP/1800	ICP/0800	
ES3 S/T ENG3 - XCO 3025C E-244	09/07	JASON COOPER	16	ICP/1800	ICP/0800	
ENG3 - MNF 36 E-107	09/01	AUGUSTIN RODRIGUEZ	4	ICP/1800	ICP/0800	
ENG3 - STF 344 E-122	09/02	JOSIAH DEWEY	5	ICP/1800	ICP/0800	
ENG3 - OVD 3131 E-125	09/02	DON SHOEMAKER	5	ICP/1800	ICP/0800	
ENG3 - TNF 73 E-102	09/02	JEREMY OSTER	5	ICP/1800	ICP/0800	
ENG3 - ANF 112 E-126	09/02	JAROD BRENEMAN	5	ICP/1800	ICP/0800	
ENG3 - ANF 354 E-116	09/02	MICHAEL DELAY	5	ICP/1800	ICP/0800	
ENG3 - PNF 332 E-105	09/02	MICHAEL HYETT	5	ICP/1800	ICP/0800	
DOZ2 - NORTHSTATE W/TRANS E-34	08/31	JOHN MCGERY	2	ICP/1800	ICP/0800	
DOZ2 - INGRAM W/TRANS E-150	09/03	AUDIE NORBURY	2	ICP/1800	ICP/0800	
SKIDGINE - SOFTTRACK E-94	09/02	EIJAH PURDAY	2	ICP/1800	ICP/0800	
SKIDGINE 5314 E-95	09/02	RICHARD GOOLSBY	2	ICP/1800	ICP/0800	
WT2 - CATTLELACK RANCH E-162	08/30	RANDY HORN	2	ICP/1800	ICP/0800	
WT2 - CATTLELACK RANCH E-163	08/26	EUGENE GRAHAM	2	ICP/1800	ICP/0800	
WT2 - CATTLELACK RANCH E-164	08/27	DOUG KAUFNER	2	ICP/1800	ICP/0800	
TFLD BRAD TREVOR			1	ICP/1800	ICP/0800	
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	3	171.0375N	146.2	165.3625N	146.2	
TACTICAL	5	168.2000	146.2	168.2000	146.2	
AIR TO GROUND	12	168.3375N		168.3375N		
AIR TO GROUND	13	164.8375N		164.8375N		
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
RITA MUSTATIA			WALTER HERZOG <i>Walter Herzog</i>		08/25/2017	2130

Division/Group Assignment List (ICS 204 WF)

1. Incident Name:				3.		
ECLIPSE COMPLEX				II	NIGHT	
2. Operational Period: 24 HOUR						
Date/Time From: 08/26/2017 0600 SAT		Date/Time To: 08/27/2017 0800 SUN				
4. Operations Personnel						
OPERATIONS CHIEF		MIKE KLIMEK (T)		BRANCH DIRECTOR		
DIVISION/GROUP SUPERVISOR		PAUL MANCUSO STEPHANIE L GLEASON (T)		AIR ATTACK SUPERVISOR		
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
TFLD ANDREW BRAUN O-280		09/08		1	ICP/1800	ICP/0800
SOFR MARK TAIT O-200		08/31		1	ICP/1800	ICP/0800
SOFR JOSH PERO O-201		08/31		1	ICP/1800	ICP/0800
EMPF ERIC GRIFFITHS O-27		08/31		1	ICP/1800	ICP/0800
FEMT JOHNSON SHAWN O-12		08/30		1	ICP/1800	ICP/0800
6. Control Operations/Work Assignments:						
Patrol and mop up to maintain containment.						
7. Special Instructions:						
Backhaul unnecessary supplies and trash						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	3	171.0375N	146.2	165.3625N	146.2	
TACTICAL	5	168.2000	146.2	168.2000	146.2	
AIR TO GROUND	12	168.3375N		168.3375N		
AIR TO GROUND	13	164.8375N		164.8375N		
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
RITA MUSTATIA			WALTER HERZOG <i>Walter J. Herzog</i>		08/25/2017	2130



CA-KNF-006098 Complex Fire Weather Forecast

FORECAST NO: 18

NAME OF FIRE: KNF-006098-Complex

PREDICTION FOR: 0600-1800 Day Shift

UNIT: Klamath NF- Happy Camp RD

SHIFT DATE: 8/26

SIGNED:

TIME AND DATE

Incident Meteorologist-Ryan Walbrun

FORECAST ISSUED: 2100 8/25/17

...Warming and drying trend today with light winds...

WEATHER DISCUSSION: Heavy smoke through at least early afternoon under a strong inversion. Turning much warmer and drier as high pressure builds. Winds will be from a Southeast direction early but switch to West late in the day. Under this wind regime smoke from the Wallow and Ukonom fires are likely to shadow the fires of the Eclipse Complex. Temperatures will trend several degrees warmer and humidity drier as a thermal trough builds. Humidity values will lower by late afternoon to around 20%. ***Haines 5 conditions are forecast so plume dominated fire will be likely IF any slope driven runs break through the inversion after 1600 hours.***

WEATHER FORECAST for TODAY:

WEATHER: Dense smoke under the inversion through early afternoon. Possible clearing above 5000 feet.

TEMPERATURES: Highs upper 70s in smoke shaded Divisions to upper 80s elsewhere. Except lower 90s along the Klamath River and areas in the complex that are free of smoke.

HUMIDITY: 32-40% morning then dropping 24-28% mid-afternoon, bottoming out 18-23% late.

20 FT WINDS:

RIDGETOP - Southeast 3-6 mph turning Southwest to West 4-8 mph late afternoon.

SLOPE/VALLEY – Afternoon upslope 2-5 mph. A few late day gusts 6-8 mph.

HAINES INDEX: 5...high potential for plume dominated fire IF inversion breaks. **LAL:** 1

STABILITY/INVERSION: Strong morning inversion weakening around 1600 hours.

OUTLOOK FOR SATUDAY NIGHT: Heavy smoke settling over the fire once again. Ridge winds light from the West early in the shift then turning light East overnight 4-8 mph. Overnight lows 60s to around 70 thermal belts except 50s Hwy 96. Poor humidity recovery most of the night under 40% then briefly 50% around sunrise.

EXTENDED OUTLOOK: Continued warm and dry Sunday through early next week. The thermal trough will break down on Sunday with winds turning southerly but light and eventually southwest by late in the day. This will usher in slightly higher humidity Sunday afternoon. However the overall trend will be continued unseasonably warm and dry through much of next week. The smoke inversion will be the main weather factor and likely not break most days. Highs near 90 with afternoon humidity 20%. Light winds below the inversion. Ridge winds East 4-8 mph at night turning Westerly afternoon hours.

EXTRA INFORMATION: ***Smoke exposure has become Hazardous.*** Continue to take hydration seriously as there will be a prolonged heat event across the West for the next week. Warming and drying is a Watchout Situation. Take weather obs and use the portable RAWS to gather weather intel in your Branches.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER 20	TYPE OF FIRE: Wildland Fire
FIRE NAME: Eclipse Complex	OPERATIONAL PERIOD: Day shift August 26, 2017
DATE ISSUED: August 25, 2017	TIME ISSUED: 1900
UNIT: Klamath NF	SIGNED: Bob Patton FBAN <i>Bob Patton</i>

Please see Fire Weather Forecast

Weather: Dense smoke under the inversion through early afternoon. Possible clearing above 5000'.

Max Temp: Afternoon highs upper 70's smoke shaded Divisions to upper 80s elsewhere. Except lower 90s along the Klamath River and areas outside the complex are sunny.

Min RH: 32-40% morning and dropping to 24-28% mid, bottoming out 18-23% late

Winds: 20'

Upslope /upvalley: Afternoon upslope 2-5 mph with a few late day gusts to 6- 8 mph

Ridgetop: Southeast 3-6 mph, turning southwest to west 4-8 mph in the late afternoon.

Stability/inversion: Strong morning inversion breaking around 1600 hours.

GENERAL

The Eclipse Complex consists of three fires: Cedar, Oak, and Four Mile. The fires are burning in mostly timber; however Oak spotted west into Five Mile Creek drainage which is in the 1987 Ten Bald fire scar which consists of heavy brush, snags, and heavy dead/down fuels.

- Live fuel moisture is approximately 97% in Manzanita, and 116-118% in Tan Oak.
- ERC's for the predictive service area are 62 around the 86th percentile, down from the 94th percentile, and has dropped from 64-62 in the past few days. ERC's at Oak Knoll are 63 around the 87th percentile down from the 94th percentile and has dropped from 65-63 in the past few days.
- Live fuel moisture is approximately 97% in Manzanita, and 116-118% in Tan Oak.
- Probability of ignition 20-30% under smoke 40-70% clear skies. Spotting distance up to 1 mile. ROS 0-10 ch/hr.

SPECIFIC FIRE BEHAVIOR

Cedar Fire: Probably will be under smoke most of the shift. Growing to the north and east at a low ROS of around 0-2 ch/hr,

Four Mile Fire: Probably will be under smoke most of the shift. Slow backing fire in any residual heat from the burning operation off of the Tim's Peak firing operation into Four Mile Creek. The slopover west of Tim's Peak in Thompson Creek will continue to grow at a minimal ROS of 0-2 ch/hr under smoky skies. Temperature, humidity, and probability of ignition should be favorable for firing today. Watch for spotting to the east as ridgetop winds moves from the west.

Oak: Minimal fire behavior from Division D down through DP 50. Temperature, humidity, and probability of ignition should be favorable for firing today, but southerly and westerly ridgetop winds could throw spots into the green. However wind speed will be relatively low. Fuels will continue to burn out along containment lines that were fired yesterday in Division F and Z. The main fire will continue backing southward in available fuels.

AIR OPERATIONS

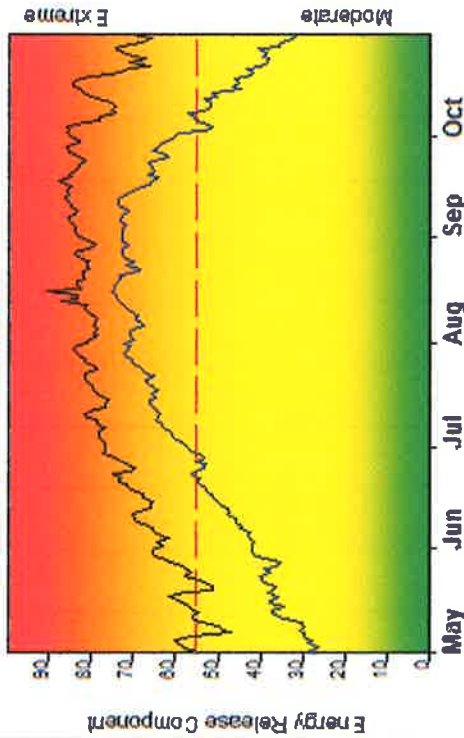
Smoke inversion could hamper air operations in the morning and throughout the shift

SAFETY

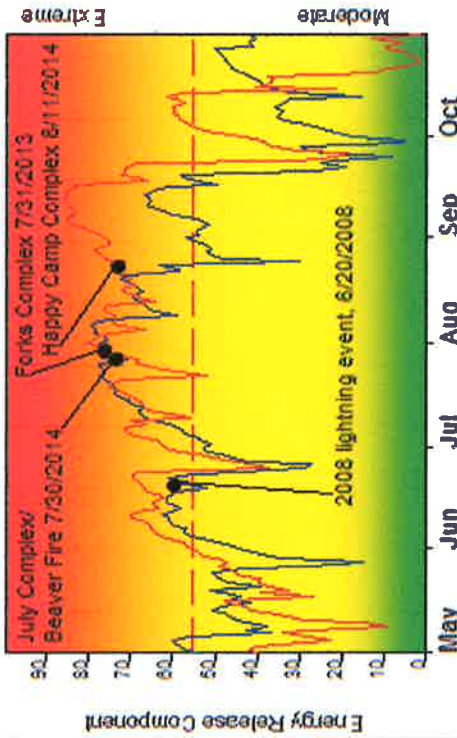
Watch for smoke and rolling debris on to Highway 96.

FIRE DANGER -- West Side KNF

Maximum, Average, and 41th Percentile, based on 15 years data



Years to Remember: 2013 2014



Fuel Model: G - Short-Needle (Heavy Dead)

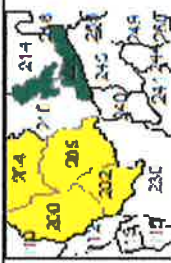
Fire Danger Area:

- FDRAs: 200, 202, 204, 208
- NWS Zones: CA280 & CA281
- RAWS used: see below
- Meets NWCG Wx Station Standards

Fire Danger Interpretation:



- EXTREME** -- Use extreme caution
- Caution** -- Watch for change
- Moderate** -- Lower Potential, but always be aware



Maximum -- Highest Energy Release Component by day for 2000 - 2014

Average -- shows peak fire season over 15 years (2756 observations)

41th Percentile -- Only 41% of the 2756 days from 2000 - 2014 had an Energy Release Component below 55

Local Thresholds - Watch out:

- Combinations of any of these factors can greatly increase fire behavior:
- 20' Wind Speed over 4 mph, RH less than 22%
- Temperature over 75, 1000-Hour Fuel Moisture less than 12

Remember what Fire Danger tells you:

- ✓ Energy Release Component gives seasonal trends calculated from 2 pm temperature, humidity, daily temperature & rh ranges, and precip duration.
- ✓ Wind is NOT part of ERC calculation.
- ✓ Watch local conditions and variations across the landscape -- Fuel, Weather, Topography.
- ✓ Listen to weather forecasts -- especially WIND.

Past Experience:

- Large fires (>24ac) occur more frequently when ERC exceeds 55 and can readily increase in complexity
- Multiple firefighting ignitions can overwhelm suppression resources, as occurred in 2008.
- Large fires were primarily human ignitions in 2013, and lightning ignitions in 2014.
- Sawyers Bar, Somes Bar, Slater Butte, Blue Ridge, Oak Knoll, Slater Butte, Collins Baldy, Quartz Hill, Callahan #2 (2003-Present), and Dutch-Indy (2010-Present) RAWS data was used.

Responsible Agency: Klamath National Forest
 FF-4.1 build 1622 02/23/2015-16:36 (C:\Users\kvanada...KNF_period_of_record_v31oct2014)

Design by NWCG Fire Danger Working Team

INCIDENT RADIO COMMUNICATIONS PLAN		1. Incident Name Eclipse Complex		2. Date/ Time Prepared 8/25/2017 1800		3. Operational Period Date/Time 8/26-27 2017 0600 - 2000, 1800 - 0800	
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4. Basic Radio Channel Utilization

Channel	Function	Assignment	Frequency/Tone	Mode	Remarks	Radio Type/Cache
1	CMD 1	CEDAR FIRE	RX 163.1500 TX 171.5375 TONE 141.3	Narrow	ALL DIVISIONS, SLATER BUTTE L.O.	King NIFC
2	CMD 2	CLEAR FIRE	RX 173.0375 TX 167.3250 TONE 146.2	Narrow	ALL DIVISIONS, ELBOW SPRINGS	King NIFC
3	CMD 3	OAK FIRE	RX 171.0375 TX 165.3625 TONE 146.2	Narrow	ALL DIVISIONS, BALDY MTN	King NIFC
4	TAC 1	DIV B	RX 168.0500 TX 168.0500 TONE 146.2	Narrow	CEDAR FIRE	King NIFC
5	TAC 2	CONTINGENCY GROUP /OAK NIGHT	RX 168.2000 TX 168.2000 TONE 146.2	Narrow	CONTINGENCY GROUP/OAK NIGHT	King NIFC
6	TAC 3	DIV D	RX 168.6000 TX 168.6000 TONE 146.2	Narrow	OAK FIRE	King NIFC
7	TAC 5	DIV F	RX 168.7250 TX 168.7250 TONE 146.2	Narrow	OAK FIRE	King NIFC
8	TAC 6	DIV W	RX 166.7750 TX 166.7750 TONE 146.2	Narrow	CEDAR FIRE	King NIFC
9	TAC 7	DIV Z	RX 168.2500 TX 168.2500 TONE 146.2	Narrow	OAK FIRE	King NIFC
10	TAC 1	STRUCTURE GROUP	RX 168.0500 TX 168.0500 TONE 146.2	Narrow	ALL FIRES	King NIFC
11	ORANGE	KNF FIRE RPT IA	RX 172.2750 TX 164.7000 NO TONE TONE 131.8	Narrow	KNF ORANGE REPEATER, BALDY MTN	King NIFC
12	A/G CMD	AIR TO GROUND COMMAND	RX 168.3375 TX 168.3375 NO TONE	Narrow	ALL FIRE DIVISIONS	King NIFC
13	A/G TAC 1	A/G TACTICAL	RX 164.8375 TX 164.8375 NO TONE	Narrow	OAK/CLEAR FIRE ALL DIVISIONS	King NIFC
14	A/G TAC 2	A/G TACTICAL	RX 164.0125 TX 164.0125 NO TONE	Narrow	CEDAR FIRE ALL DIVISIONS	King NIFC
15	CALCORD	CALCORD	RX 156.0750 TX 156.0750 TONE 156.7	Narrow	ALL FIRE DIVISIONS	King NIFC
16	AIR GUARD	ALL DIVISIONS	RX 168.6250 TX 168.6250 Tone 110.9	Narrow	AIR EMERGENCY ONLY	King NIFC

5. Prepared by John Chapman NORCAL 1 COML **NOTE: Make sure the squelch knob is turned all the way to the left indent. This activates the RX Tone Guard**

AIR OPERATIONS SUMMARY

PREPARED BY: Kerry Koskela *KRK*

PREPARED DATE/TIME: 08/25/17 1930

1. INCIDENT NAME: Eclipse Complex	2. OPERATIONAL PERIOD DATE: 08/26/17 START TIME: 0600 END TIME: 1800 SUNRISE: 0634 SUNSET: 1956 NOTE: AIRCRAFT CAN BE SHARED BETWEEN COMPLEXES
3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc) Possible unidentified low wires & cables in the river corridor. Rafters on the Klamath River. Limited visibility due to smoke, do not continue mission if visibility is marginal. Ensure all pilots are briefed on appropriate frequencies for that specific fire before launching. No dipping within 500 feet of the confluence of all major tributaries of the Klamath River. Use established procedures for bucket and tank sanitation where necessary. 128.1750 now linked to Scott Valley and Happy Camp helibases.	4. MEDEVAC A/C: H-407 out of Dunsmuir for hoist With landing zone available non trama H-503 is available See Medical Plan
5. TFR: 717771 Ceiling :To and including 11000 MSL Polygon: See NOTAM TFR Frequency: 128.175 Latest changed 8/23/17	

6. PERSONNEL		Phone	7. FREQUENCIES	AM	FM	8. FIXED-WING	# Avail / Type/ Make-Model / FAA # / Base(s)
AOBD: Kerry Koskela		530-643-6321	Air to Air TFR/Rotor	128.1750		Airtankers Lead Planes	Filled by request
ASGS: Steve Beall		530-598-6755	Air Tactics		169.1500		
ATGS: Todd White		530-263-5621	Air to Ground CMD		168.3375	ATGS Aircraft	N600WS FW Aero Commander 690 Relief as requested Cobra AA 509 as requested
Scott Valley HB HEB1: Bill Lampert		530-598-4128	Branch I Air to Ground TAC		164.0125	MISC.	Scott Valley Helibase Fax 530-468-2118 Scott Valley Helibase Mgr. 530-468-1294 Scott Valley Unicom 122.8 Scott Valley Temp Tower 128.625
Happy Camp HB HEB2: Ray Wilson		530-493-1779	Happy Camp Unicom	122.900			H-407 is located at Dunsmuir and is used for fire line extrication and medivac only.

9. HELICOPTERS (Assigned to Eclipse)

CALL SIGN	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	CALL SIGN	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS
H-503	3	Bell 407	Happy Camp	08:30	08:00	Bucket	9RH	1	KMAX	Happy Camp	08:30	08:00	Bucket
H-506	2	Bell 205	Siskiyou Co.	08:30	08:00	Bucket/Cargo	3HX	1	KMAX	Happy Camp	08:30	08:00	Bucket

10. MISSIONS
 Recons as requested
 Water drops as requested, may use aircraft from Scott Valley if smoked in at Happy Camp Helibase.

MEDICAL PLAN (ICS 206 WF)

1. Incident/Project Name				2. Operational Period						
Eclipse Complex				Date/Time 8/26 to 8/27		Day 0600-2000 Night 1800-0800				
3. Ambulance Services										
Name	Location			Phone & EMS Frequency		Advanced Life Support (ALS) Yes No				
Shasta Ambulance Unit 79	Cedar Fire – DP.10			Contact on Command			X			
Trinity Ambulance 308	Oak Fire - ICP			Contact on Command		X				
Happy Camp Amb. 23	Night Division – DP.20			Contact on Command		X				
Happy Camp Amb. 22	38 Park Way, Happy Camp CA			530-493-2643 or 530-842-3380		X				
4. Air Ambulance Services (COORDINATE with AIR AMBULANCES on CALCORD tone 6)										
Name	ETA	Phone			Type of Aircraft & Capability					
Kern H-407(ALS)	30 min	657-464-7830 (Direct)			Hoist Rescue – Dunmuir, CA Day/Night					
Lifenet 34(ALS)	35 min	530-842-3380 (YICC)			Air Ambulance – Montague, CA Day/Night					
Reach/PHI (RN)	60 min	530-842-3380 (YICC)			Air Ambulance- Redding, CA Day/Night					
Cal-Fire H-102(BLS)	30 min	530-842-3380 (YICC)			Hoist Rescue– Kneeland, CA Day					
5. Hospitals										
Name & Level		GPS Datum – WGS 84 Degrees Decimal Minutes		Travel Time Air Gnd		Phone		Helipad Yes No		Address
Fair Child Medical Ctr.		Lat:	N41°43.173		20 min	1.5 hrs	530-841-6292	X		444 Bruce St Yreka, CA
		Long:	W122°38.75							
		VHF:								
Asante Rogue Valley Memorial. Level II Trauma Center		Lat:	N42°19.08		15 min	2 hrs	541-789-7132	X		2825 Barnett Rd, Medford, OR
		Long:	W122°49.91							
		VHF:								
Mercy Medical Center Level II Trauma Center		Lat:	N40°34.33		60 min	3 hrs	530-225-7201	X		2175 Rosaline Ave, Redding, CA
		Long:	W122°23.80							
		VHF:								
UC Davis Level I Trauma/Burn Center		Lat:	N38°33.29		1.5 hrs	6 hrs	916-734-3636 916-734-3790	X		2315 Stockton Blvd. Sacramento, CA
		Long:	W121°27.32							
		VHF:								
6. Division / Crew Pre-plan. Update and discuss with assigned resources daily										
Crew EMTs & Equipment				Happy Camp Airport: Lat: 41°47.448W Long: 123°23.238N						
Fireline EMTs & Location Adv. Life Support?										
Air Hoist site: Lat: / Long:										
Helispot: Lat: / Long:										
Alternate/No-fly plan:										
7. Remote Aid Stations										
Medical Unit– ICP Happy Camp N41°47.48 W123°22.15		Point of Contact:			MEDL- Josh Ramey 530-277-1213					
		EMS Responders & Capability:			Frontline- Advanced Life Support					
		Equipment Available on Site:			Medical supplies					
		Ambulance ETA:			Air – 30 min. Ground – 5 min.					
8. Prepared By (Medical Unit Leader)				9. Date/Time		10. Reviewed By (Safety Officer)			11. Date/Time	
Josh Ramey MEDL 530-277-1213 cell or 530-493-1518 office <i>Joshua Ramey</i>				8/25/2017 2000		Michele Tanzi SOF1 <i>Michele Tanzi</i>			8/25/2017 2000	

MEDICAL PLAN (ICS 206 WF)

Medical Incident Report									
<p style="text-align: center;">Use items one through nine to communicate situation to communications/dispatch.</p>									
<p>1. CONTACT COMMUNICATIONS DECLARE: "MEDICAL EMERGENCY" OR "NON-EMERGENCY MEDICAL TRANSPORT" <i>Ex: "Communications, Div. Alpha. Stand-by for a medical emergency on Div. Alpha" (If life threatening request designated frequency be cleared for emergency traffic.)</i></p>									
<p>2. INCIDENT STATUS: <i>Provide incident summary and command structure.</i></p> <p>- Nature of Injury/Illness <i>Describe the injury (Ex: Broken leg with bleeding)</i> _____</p> <p>- Incident Name <i>Geographic Name + "Medical" (Ex: Trout Meadow Medical)</i> _____</p> <p>- Incident Commander (Division Sup. or designee) <i>Name of IC</i> _____</p> <p>- Patient Care <i>Name of Care Provider (Ex: EMT Smith)</i> _____</p>									
<p>3. INITIAL PATIENT ASSESSMENT: <i>Complete this section for each pt. This is only a brief, initial assessment. Provide additional pt. info after completing this report.</i></p> <p>- Number of Patients: _____ - Male / Female: _____ - Age: _____ - Weight: _____</p> <p>- Conscious? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVAC! - Breathing? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVAC!</p> <p>- Mechanism of Injury <i>What caused the injury?</i> _____</p> <p>- Location, Lat/Long <i>(Datum WGS84) Ex: N 40° 42.45' x W 123° 03.24'</i> _____</p>									
<p>4. SEVERITY OF EMERGENCY, TRANSPORT PRIORITY</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center; padding: 5px;">SEVERITY</th> <th style="width: 50%; text-align: center; padding: 5px;">TRANSPORT PRIORITY</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;"> <input type="checkbox"/> URGENT-RED <i>Life threatening injury or illness.</i> <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2° – 3° burns more than 4 palm sizes, heat stroke, disoriented.</i> </td> <td style="padding: 5px;"> Ambulance or MEDEVAC helicopter. Evacuation need is IMMEDIATE. </td> </tr> <tr> <td style="padding: 5px;"> <input type="checkbox"/> PRIORITY-YELLOW <i>Serious Injury or illness.</i> <i>Ex: Significant trauma, not able to walk, 2° – 3° burns not more than 1-2 palm sizes.</i> </td> <td style="padding: 5px;"> Ambulance or consider air transport if at remote location. Evacuation may be DELAYED. </td> </tr> <tr> <td style="padding: 5px;"> <input type="checkbox"/> ROUTINE-GREEN <i>Not a life threatening injury or illness. Ex: Sprains, strains, minor heat-related illness.</i> </td> <td style="padding: 5px;"> Non-Emergency. Evacuation considered Route of Convenience. </td> </tr> </tbody> </table>		SEVERITY	TRANSPORT PRIORITY	<input type="checkbox"/> URGENT-RED <i>Life threatening injury or illness.</i> <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2° – 3° burns more than 4 palm sizes, heat stroke, disoriented.</i>	Ambulance or MEDEVAC helicopter. Evacuation need is IMMEDIATE.	<input type="checkbox"/> PRIORITY-YELLOW <i>Serious Injury or illness.</i> <i>Ex: Significant trauma, not able to walk, 2° – 3° burns not more than 1-2 palm sizes.</i>	Ambulance or consider air transport if at remote location. Evacuation may be DELAYED.	<input type="checkbox"/> ROUTINE-GREEN <i>Not a life threatening injury or illness. Ex: Sprains, strains, minor heat-related illness.</i>	Non-Emergency. Evacuation considered Route of Convenience.
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<p>5. TRANSPORT PLAN:</p> <p>Air Transport: <i>(Agency Aircraft Preferred)</i></p> <p style="padding-left: 20px;"> <input type="checkbox"/> Helispot <input type="checkbox"/> Short-haul/Hoist <input type="checkbox"/> Life Flight <input type="checkbox"/> Other </p> <p>Ground Transport:</p> <p style="padding-left: 20px;"> <input type="checkbox"/> Self-Extract <input type="checkbox"/> Carry-Out <input type="checkbox"/> Ambulance <input type="checkbox"/> Other </p>									
<p>6. ADDITIONAL RESOURCE/EQUIPMENT NEEDS:</p> <p style="padding-left: 20px;"> <input type="checkbox"/> Paramedic/EMT(s) <input type="checkbox"/> SKED/Backboard/C-Collar <input type="checkbox"/> Crew(s) <input type="checkbox"/> Burn Supplies <input type="checkbox"/> Oxygen <input type="checkbox"/> Trauma Bag <input type="checkbox"/> Medication(s) <input type="checkbox"/> IV/Fluid(s) <input type="checkbox"/> Cardiac Monitor/AED <input type="checkbox"/> Other (i.e. splints, rope rescue, wheeled litter) </p>									
<p>7. COMMUNICATIONS:</p> <p style="padding-left: 20px;"> - Run Medical Emergency on Command - <u>Coordinate with air ambulance on CALCORD tone 6</u> </p>									
<p>8. EVACUATION LOCATION:</p> <p style="padding-left: 20px;"> - Lat/Long <i>(Datum WGS84) EX: N 40 42.45' x W 123 03.24'</i> _____ - Patient's ETA to Evacuation Location: _____ - Helispot/Extraction Size and Hazards: _____ </p>									
<p>9. CONTINGENCY: <i>If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead...</i></p> <p>_____</p> <p>_____</p>									
<p>REMEMBER: -Confirm ETA's of resources ordered -Act according to your level of training - <u>If air or ground ambulance is DELAYED:</u> Package and transport patient to rendezvous with incoming Ambulance. Re-route EMS helicopter to rendezvous point as appropriate.</p>									

Eclipse Complex - Incident Risk Analysis (215a)

Div.	LCES Analysis of Tactical Applications (Hazardous Actions or Conditions)	LCES Mitigations/Warnings/Remedies
All & ICP	Smoke Exposure	<p>Symptoms: Cough, Headache, Shortness of Breath, Hoarseness, Acute Mental Status Changes, Confusion</p> <p>Mitigation: Drink plenty of fluids to flush added toxins from your body. Try to rotate Crews out of High concentrations of Smoke. You can utilize vehicle Air Conditioners selected to re-cycle with windows rolled up.</p>
All	SMOKE & Terrain making it difficult to provide for emergency medical needs	<p>Do NOT assume Air resources will be able to assist. Pre-plan the "What ifs". Review Med Plan before the need arises. Limit high risk activities. Have a backup plan or two. Discuss different scenarios AND Practice the "What if" scenarios. Each Division has Medical personnel.</p>
HWY 96	Driving with Limited Visibility due to Smoke	<p>Higher RH% and Smoke particulates cause decreased visibility.</p> <p>Reduce speeds. Low Beams will be better than high beams to see through smoke. Increase distance between vehicles to allow for reaction time. When meeting oncoming traffic at night, come to a controlled stop. Turn headlights to running lights; assist other vehicle in backing to a safe place to allow safe passage around vehicle.</p>
All & ICP	Heat Related Illness/Injuries	<ul style="list-style-type: none"> • STAY HYDRATED before, during and after shift. • Pre-hydrate, Rehydrate to keep from DEHYDRATING • Dehydration is PREVENTABLE <p>"Energy Drinks" such as Monster, Red Bull or Rockstar contribute to heat injuries and should not be consumed. Pre-Plan the needs of your crews. Stage more water and Electrolyte drinks along your work area. Order more, take more water/Electrolyte drinks.....it's FREE</p>
All	Steep Terrain & Rolling Material	<p>Ensure secure footing. Keep appropriate work spacing. Focus! Concentrate on foot placement to limit slips, trips and falls. Ensure adequate spacing between crewmembers so they can react to dislodged debris. Post lookouts to warn of rolling debris. SHOUT out to warn others. Do NOT stand on HWY 96 cliff areas</p>
OAK & CEDAR	Increase in Fire Behavior	<p>Inversion lifting after 1600. Preplan! Identify Trigger Points! How long will it take you to get back to your vehicles and exit the area safely? Know your escape routes as the situations change. Keep your eye out for SPOTS from previous shift</p>
OAK	Working with Heavy Equipment	<p>Stay at least 100' in front and 50' behind the equipment. In Timber, distances should be increased to 2½ times the tallest tree height. Avoid working below equipment. Make eye contact with operator: blade down, idle down, before approaching.</p>
OAK	Mop-up	<p>Mop-up to the extent necessary to maintain containment. Scout work area prior to engaging in mop-up for fire weakened trees. Use qualified fallers to eliminate Danger Trees. Flag off areas too dangerous to enter. Share info with adjoining & relief resources.</p>
All	Danger Trees within Fire Area & Routes to work areas	<p>Old fire scars. Fire weakened trees, shallow root systems, widow makers. Be aware of bind when cutting jackstrawed timber. Watch out when traveling/working during windy conditions. Limit exposure. Mitigate if safe. Use qualified fallers.</p>

Date & Time Prepared: August 25th, 2017 @ 2100

Prepared By: Michele Tanzi - SOF1, Jeff Barnhart - SOF2

Operational Period: August 26, 2017 from 0600 - 2000

Operational Period: August 26/27, 2017 from 1800 - 0800

CA-KNF-006098 (0505), P5K9QB
 Klamath National Forest
 Northern California Incident Management Team 1

Eclipse Complex

Vehicle Use & Traffic Protocol



Purpose

These protocols have been established in order to address the increasing number of vehicular incidents which have been occurring on the incident. Fatigue, complacency, distractions, and inattention to driving have all contributed to this problem.

The following guidelines will now be in effect.

- You are **REQUIRED by LAW to WEAR** your seatbelts. You've heard the phrase "Click it – or Ticket? Here on this fire it's "Click-it or GO HOME!" Before your wheels roll.
- Individuals **SHALL** only drive if they have had at least 8 consecutive hours off duty before beginning a shift.
- If you are too tired to operate your assigned vehicle then don't operate it! Recognize that fatigue affects you. Be honest with yourself about how tired you are and communicate this to your supervisor.
- If you find yourself dozing off while driving either stop and rest or get a relief operator.
- Keep in mind that when scouting a new area by vehicle, a driver often concentrates more on what they are scouting than how they are driving. If this is the case then drive a short distance, stop, and then evaluate or scout the area.
- Vehicles travelling uphill generally have the right of way. do not insist on that right of way .
- Keep in mind that larger vehicles like tenders and transports are more difficult to start and stop on slopes, especially when under load. Do not complicate this problem by not pulling over in time for them to keep rolling.
- **In camp:** The maximum speed will be under 5 miles per hour and a backing guide will be required when reversing unless you are backing into an established parking space.
- **On public roads and the fireline:** The maximum speed on the paved public roads adjacent to the fire area will be 20 miles per hour for larger vehicles (water tenders, Type III engines, transports) and 25 miles per hour for smaller pick-ups, SUV's and cars. When passing both non-fire personnel and firefighters on foot the maximum speed will be under 5 miles per hour. On the fireline the maximum speed when passing parked vehicles (small or large) or personnel on foot will be under 5 miles per hour. Backing guides will be utilized whenever reversing unless backing into an established parking space.

Your Safety Team: Michele Tanzi, Jeff Barnhart, Mike Frederick, James Courtwright, and Robert Hilfer

Traffic Control “Piloted Traffic” Process

- ★ All traffic (Fire & Public) will wait to be Piloted when “Piloted Traffic” is in place.
 - “Piloted Traffic” is utilizing the East bound (River side) lane.
- ★ “Emergency Incident Traffic” approved by Division Group Supervisor (or above), or Safety will utilize the West bound (Fire Side) lane.
 - **CALTRANS** could be in the West bound (Fire side) lane going either direction bumping rocks from roadway.
- ★ Expect oncoming traffic at ALL times
- ★ Utilize Vehicle Hazard lights at a minimum, Overhead REDs if equipped
- ★ Piloted Traffic will be held (stopped) for One hour: **0700 to 0800**, to allow Day Fire Resources safe and effective transition between Day/Night Resources, and again at **1900 to 2000** to allow Night Fire Resources safe and effective transition between Night/Day.
- ★ Please keep your speeds down at all times.

No more than 25 MPH on HWY 96 within the Road Control’s Footprint

Be alert. Keep calm. Think clearly. Act decisively.

INCIDENT TRAINING MESSAGE

All trainees on the incident need to register with the Training Specialist (TNSP)

- Training Specialist is located on “Main Street” at the ICP
- Use the QR code below or stop by the training trailer to register your assignment

DEMOBING trainees need to close out with the Training Specialist in order to receive documented credit for your assignment

- Bring a completed and signed ICS 225 or 226 Performance Evaluation
- Position Task Book with completed Evaluator’s Page
- A completed Exit Interview

ALL forms are available at the training trailer

Trainers if you leave the incident before your trainee you will need to complete a Performance Evaluation for the time your trainee was assigned to you.



<https://goo.gl/aKZEKT>

"Train as if your life depends on it because it does."

Paul Gleason

Minimum Impact Suppression Tactics *

The intent of minimum impact suppression tactics is to manage a wildland fire with the least impact to natural and cultural resources. Firefighter safety, fire conditions, and good judgment dictate the actions taken.

By minimizing impacts of fire management actions, unnecessary resource damage is prevented and cost savings can be realized. These actions include, but are not limited to:

Line Construction and Mopup

Consider:

- Cold-trailing fireline.
- Using wetline or sprinklers as control line.
- Using natural or human made barriers to limit fire spread.
- Burning out sections of fireline.
- Limiting width and depth of fireline necessary to limit fire spread.

Locate pumps and fuel sources to minimize impacts to streams.

Minimize cutting of trees and snags to those that pose safety or line construction concerns.

Move or roll downed material out of fireline construction area.

In areas of low spotting potential, allow large-diameter logs to burn out.

Limb only fuels adjacent to the fireline with potential to spread outside the line or produce spotting issues.

Scrape around tree bases near fireline likely to cause fire spread or act as ladder fuel.

Minimize bucking of logs to check/extinguish hot spots; preferably roll logs to extinguish and return logs to original position.

Utilize extensive cold-trailing and/or hot-spot detection devices along perimeter.

Increased use of fireline patrols/monitoring.

Flush-cut stumps after securing fireline.

Long-Term Incidents

Consult with Resource Advisor to locate suitable campsites. Scout thoroughly to avoid hazards (bee's nests, widowmakers, etc.).

Plan for appropriate methods of:

- Helispot locations
- Supply deliveries
- Trash back-haul
- Disposal of human waste

Minimize ground and vegetation disturbance when establishing sleeping areas.

Use locally approved storage methods to animal-proof food and trash.

When abandoning camp, rehab impacts created by fire personnel.

*From: Incident Response Pocket Guide, PMS 461, NFES 1077, January 2014



INCIDENT PERSONNEL CODE OF CONDUCT

Each individual on this incident is responsible for:

- **Being prepared and able to perform their assigned duties effectively.**
- **Conducting themselves in a manner that treats others with dignity, equality, and respect.**
- **Abiding by agency ethics and conduct regulations.**
- **Reporting any harassment and other inappropriate behavior.**

Each individual on this incident has the right to:

- **Work in an environment that provides the appropriate risk management and safety measures.**
- **Work in a fair and harassment free work environment.**
- **Say NO to unwelcome advances or requests for favors.**
- **Report complaints or grievances in a timely manner through the appropriate channels.**

There is ZERO tolerance for inappropriate behavior while assigned to this incident, that includes:

- **Illegal drug use.**
- **Intoxication or alcohol use in fire camp.**
- **Unsafe work practices and activities.**
- **Discrimination.**
- **Sexual harassment.**
- **Fighting, threatening or abusive behavior.**
- **Other violations of USDA or Forest Service Standards of Conduct and Anti-Harassment Policy.**

Failure to adhere to this Code of Conduct or the Anti-Harassment policy may result in dismissal from the incident and notification to your home unit.

Thank you for your attention to these simple measures that contribute to a positive work environment and support our professionalism and dedication to public service.

Date & Time Order was placed:		Order #	Location & Time for Delivery (DIV,LZ,DP,Lat Long)		Mode of delivery
		(DIVS+#)			(Driven/Helo/DIVS to Pick up)
			Lat:		
			Long:		
Order received in Communications by (Name):					Time:
Order shipped to line by (Name): (Send this sheet to the line with the order)					Time:
#	Item				
1	1,000 Foot Hose Lay includes the following: Amount_____				
	10, 100'x1½" Rolls Hose; 10, 100'x1" Rolls Hose; 10, 1½" Gated Wyes; 10, 1½" to 1" reducers; 10, 1" nozzles				
2	2,000 Foot Hose Lay includes the following: Amount_____				
	20, 100'x1½" Rolls Hose; 20, 100'x1" Rolls Hose; 20, 1½" Gated Wyes; 20, 1½" to 1" reducers; 20, 1" nozzles				
3	3,000 Foot Hose Lay includes the following: Amount_____				
	30, 100'x1½" Rolls Hose; 30, 100'x1" Rolls Hose; 30, 1½" Gated Wyes; 30, 1½" to 1" reducers; 30, 1" nozzles				
#	Item	Amount	#	Item	Amount
4	Hose (50') garden, 3/4"		30	Gas Unleaded (Gallons)	
5	Hose (100'), 1"		31	Oil 2 cycle, (Pints)	
6	Hose (100'), 1½"		32	Bar Oil (Qts)	
7	Nozzle, Garden, 3/4"		33	Drip Torch ea	
8	Nozzle, Forester, 1"		34	Drip torch mix 3.5:1.5 (gallon)	
9	Nozzle, KK Type, 1"		35	Fusees (Boxes or cases)???	
10	Nozzle, KK Type, 1½"		36	Flare Gun Rounds (12/BX)	
11	Wye, Gated, 3/4"		37	Cartridge #6 purple (box)	
12	Wye, Gated, 1"		38	Batteries "AA" PKGs(24/PKG)/BX	
13	Wye, Gated, 1½"		39	Ribbon, Flagging (Specify Color)*	
14	Inline-Tee, 1x1x3/4"		40	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		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	
26	Shovel		52	Pump Kit, Lightweight, 2 Cycle	
27	Pulaski		53	Gas, Raw and 2 qts 2-cycle oil, ea	
28	Combi Tool		54	Lightweight Pump Kit-Cache w/5gal fuel	
29	McCloud		55	Gas, raw (gal) and 1 qt 2-cycle oil, ea.	
Notes:			Notes:		



