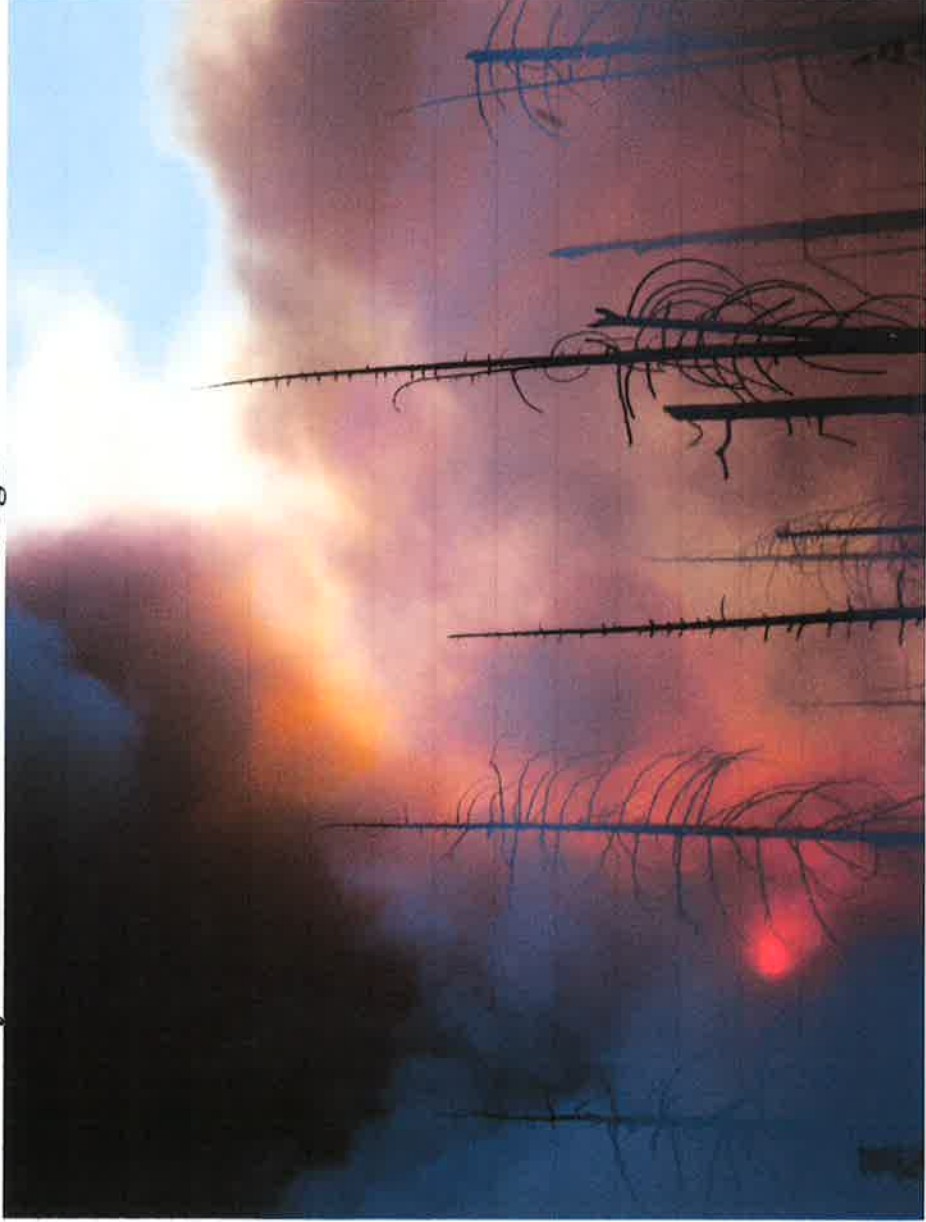


# Eclipse Complex

## Incident Action Plan

Monday, Aug 21<sup>st</sup> to Tuesday, Aug 22<sup>nd</sup> 2017

Day Shift 0600 – 2000 & Night Shift 1800 - 0800



### ✓ School is in session today

- SLOW DOWN traveling in and out of ICP
- Expect increased pedestrian & vehicular traffic near ICP and in town

### ✓ Eclipse Viewing Safety

- 1.5 minutes for your eyes to be permanently damaged by viewing the Sun without Solar glasses
- Quick glances at the Sun can cumulate into permanent damage
- Evaluate Risk vs Gain
- For safe viewing, use the pinhole or crossed hatched fingers approach

### ✓ Air Support, or lack there of.


- Have a plan in place for Medical Extraction possibilities
- Limit High Risk Activities
- Ensure good commo with Eclipse Communications before committing resources



**KEEP A HIGH LEVEL OF  
SITUATIONAL AWARENESS**

Eclipse Complex: CA-KNF-006098 (0505)

Klamath National Forest

INCIDENT OBJECTIVES	1. Incident Name Eclipse Complex	2. Date 08/20/2017	3. Time 2000
<p>4. Operational Period August 21-22, 2017 DAY / NIGHT SHIFT</p>			
<p><u>CONTROL OBJECTIVES</u></p> <p>1) Keep the Oak Fire:</p> <ul style="list-style-type: none"> <li>• South of Kelly Lake Road (18N30) to protect, infrastructure, private property, cultural, and natural resources.</li> <li>• West of the 17N22 Road, indirect ridgetop dozer line, Hwy 96, 15N32 Road, Clear Creek, Clear Fire containment line and Pony Peak Ridge Road to protect private property, infrastructure, and heritage resources.</li> <li>• Within the western boundary of the Siskiyou Wilderness to protect natural resources.</li> </ul> <p>2) Keep the Cedar, Clear, Prescott, and Four-Mile Butte fires:</p> <ul style="list-style-type: none"> <li>• Within remote national forest areas to protect heritage, cultural, and natural resources.</li> </ul> <p>3) Confine, contain, or control all fires commensurate with values at risk.</p>			
<p><u>MANAGEMENT OBJECTIVES</u></p> <p>1) Provide for public and fire fighter safety by maintaining life first principles.</p> <p>2) Implement strategies and tactics that have a high probability of success always taking into consideration responder exposure.</p> <p>3) Minimize impacts to cultural resources, infrastructure, and private property.</p> <p>4) Minimize post-fire, undesirable fire and suppression effects.</p> <p>5) Establish and strengthen cooperators, partners, and stakeholder relationships and provide timely and accurate incident information.</p> <p>6. Weather Forecast for Period</p> <ul style="list-style-type: none"> <li>• See attached weather forecast.</li> </ul> <p>7. General Safety Message</p> <ul style="list-style-type: none"> <li>• See attached safety messages.</li> </ul>			
<p>8. Attachments (mark if attached)</p>			
<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 Coots 		

ORGANIZATION ASSIGNMENT LIST			Facilities Unit	Jeff Huhtala, Frank DeCarlo
1. Incident Name			Ground Support Unit	Harry Zabel, John Wickstrom (t)
<b>Eclipse Complex</b>			Communications Unit	John Chapman
2. Date	3. Time	Name	COMT / INCM	Matt Panks, Robert Flaim
August 20, 2017	2100		Medical Unit	Josh Ramey, Charles McGary (t)
4. Operational Period			Receiving & Distribution	Fred Johnson
Day and Night Shift, <b>August 21-22, 2017</b>			Security Manager	Michael Turner
Position			Food Unit	Mark McGuiness, Jay Westlake
5. Incident Commander and Staff			9.	Operations Section
Incident Commander	Curtis Coots		Operations - Day	Alec Lane
Deputy	Paul Bannister		Operations - Night	Mike Klimek (t)
Safety Officer	Michele Tanzi, Jeff Barnhart, Mike Frederick, Robert Hifer (t)		Planning Ops	Mario Gomez (t), Kyle Jacobson (t)
Information Officer	Phyllis Swanson, Barbara Rebskie, Kathy Hardy		a. Division/Groups	
Liaison Officer	Kent Swartzlander		<b>Branch I</b>	<b>Curt Lindstrand</b>
6. Agency Representative			Division/Group CEDAR B	Jack Sevelson, Brian Combs (t)
Agency Administrator	Jeff Marszal		Division/Group CEDAR W	Cheveyeo Munk, Aaron Knudson (t)
Deputy Agency Administrator	Eric Baxter		Division/Group CEDAR G/H	unstaffed
Karuk Tribal Rep	Earl Crosby		Division/Group	
Heritage Coordinator	Herman Albers		Division/Group	
Cal Fire	Luke Kendall		Division/Group	
CCC Agency Rep			b. Division/Groups	
READ	Greg Bousfield		<b>Branch II</b>	<b>Don Fregulia</b>
Heritage Read	Matther Padilla		Division/Group OAK D	Tim Ritchey, Tommy Hawkins (t)
			Division/Group OAK F	Richard Inghram, Leland Ratcliff (t)
			Division/Group OAK Z	Mike Sherman, Joe McGill (t)
7. Planning Section			Division/Group CLEAR	Unstaffed
Chief	Walter Herzog		A/C/M	
Deputy	Alan Taylor		PRESCOTT FIRE	Unstaffed
Resources Unit	Marissa Jones		IA	tba
Situation Unit	Eric Kronner		Structure	Matt Prentfiss, Kenneth Glazer (t)
Demobilization Unit	Gary Deboi		OAK NIGHT	tba
Documentation Unit	Rex Crabitree		c. Air Operations Branch	
Training			Air Operations Branch Director	Kery Koskela
CTSP	George Steel		Air Attack Supervisor	
GLISS	Jim Gonzalez, Kent Bloomer(t), Zach Rich (t)		Air Support Supervisor	Steve Beall, Jim Gould
FBAN	Bob Patton		10.	Finance Section
IMET	Ryan Walbrun		Chief	Lois Chariton
SCKN(t)	Marissa Williams		Time Unit	Alejandra Pena-Godoy
LIAN	Clint Isbell		Equipment Unit	
8. Logistics Section			Personnel Unit	Louise Casias
Chief	Mike Jellison, Richard Crowther (t)		Cost Unit	Lou Ann Charbonnier (t)
Deputy			Compensation/Claims Unit	Debbie McIntosh
Supply Unit	David Alicea		Prepared by (Resource Unit Leader)	
Ordering	Aaron Woods		Gary R. Deboi	

<b>DIVISION ASSIGNMENT LIST</b>	1. Branch <b>I</b>	2. Division/Group <b>B</b>
3. Incident Name <b>Eclipse Complex (Cedar Fire)</b>	4. Operational Period Date: August 21, 2017      Time: 0600- 2000	

5. Operations Personnel

Operations Chief Alec Lane	Division/Group Supervisor Jack Sevelson, Brian Combs (t)
Branch Director Curt Lindstrand	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
HC2IA Klamath (C-3 Eclipse)	Andy Zink	8/25	18	N	ICP/0600	ICP/2000
HC2 Black Eagles 5 (C-7 Eclipse)	Nathan Parker	8/22	22	N	ICP/0600	ICP/2000
HC2 Black Eagles 1 (C-11 Eclipse)	Brian Hicks	8/25	20	N	ICP/0600	ICP/2000
ENG3 MNF 353 (E-173 Eclipse)	Conroy Coleman	8/25	5	N	ICP/0600	ICP/2000
CHIP T1 Greenhouse E-27 (E-180 Eclipse)	Nick Drogowski	8/28	2	N	ICP/0600	ICP/2000
CHIP T1 Patrick E-93 (E-68Eclipse)	Ben Castle	8/23	2	N	ICP/0600	ICP/2000
CHIP T1 Valley Timber E-92 (E-83Eclipse)	Jeremiah Coleman	8/30	2	N	ICP/0600	ICP/2000
FALM North Zone Fallers O-29	Jeremy Mason	8/26	2	N	ICP/0600	ICP/2000
STCR (O-70 Eclipse)	Lafe Martyn	8/26	1	N	ICP/0600	ICP/2000
STCR (t) C-3.3	Cody Stacher	8/25	1	N	ICP/0600	ICP/2000
TFLD O-72	Chad Machmer	8/26	1	N	ICP/0600	ICP/2000
TFLD (t) O-73	Adam James	8/26	1	N	ICP/0600	ICP/2000
FEMP O-10 (O-35 Eclipse)	Nick Rubin	8/30	1	N	ICP / 0600	ICP / 2000
FEMT O-8 (O-6 Eclipse)	John Muraoka	8/30	1	N	ICP / 0600	ICP / 2000
REMS 1 (O-23 Eclipse)	Stockton	8/31	1	N	ICP / 0600	ICP / 2000
FEMT O-8 (O-51 Eclipse)	Blake Scott	8/22	1	N	ICP / 0600	ICP / 2000

7. Control Operations  
 Continue to prep the 19N01 Road to the north.  
 Begin to prep the boundary trail east to Pyramid Peak as resources become available.  
 Backhaul unnecessary supplies and trash.

Special Instructions:

Function	Frequency	Name	Channel	Function	Frequency	Name	Channel
Command	RX 163.1500N TX 171.5375N	CMD 1	1 (Tone 141.3)	Air to Ground	RX168.3375N TX168.3375N	A/G CMD	12
Tactical Div/Group	RX 168.0500N TX 168.0500N	TAC 1	4 (Tone 146.2)	Air to Ground	RX164.0125N TX164.0125N	A/G TAC2	14
Prepared by (Resource Unit Leader) Marissa Jones		Approved by (Planning Section Chief) Walt J. Herzog		Date August 20, 2017		Time 2100	

<b>DIVISION ASSIGNMENT LIST</b>	1. Branch <b>I</b>	2. Division/Group <b>W</b>
3. Incident Name <b>Eclipse Complex (Cedar Fire)</b>	4. Operational Period Date: August 21, 2017 Time: 0600- 2000	

5. Operations Personnel

Operations Chief Alec Lane	Division/Group Supervisor Cheveyo Munk, Aaron Knudson (t)
Branch Director Curt Lindstrand	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
HC2IA Heart Lake (C-4 Eclipse)	Jake Fitzgerald	8/23	20	N	ICP / 0600	ICP / 2000
HC2 Grayback Forestry C-21 (C-33 Eclipse)	Levi Belgragh	8/21	20	N	ICP / 0600	ICP / 2000
HC1 Dalton Hot Shots (C-21 Eclipse)	Scott Gorman	9/1	20	N	ICP / 0600	ICP / 2000
HC2 Black Eagles 6 (C-43 Eclipse)	Colton Buehler	8/31	22	N	ICP / 0600	ICP / 2000
HC2IA Fort Apache				N	ICP / 0600	ICP / 2000
ENG3 STF 34 (E-123 Eclipse)	Brent Boltshauser	9/2	5	N	ICP / 0600	ICP / 2000
ENG3 SNF 51 (E-124 Eclipse)	Steve Patterson	9/2	5	N	ICP / 0600	ICP / 2000
ENG3 Brush 21 (E-104 Eclipse)	Will Morgan	9/2	4	N	ICP / 0600	ICP / 2000
WT2 21 ( E-82 Eclipse)	Roman Dobratz	8/22	2	N	ICP / 0600	ICP / 2000
WT2 SHF 16 (E-187 Eclipse)	Duane Livingston	9/3	2	N	ICP / 0600	ICP / 2000
SOF2 (O-21.51 Eclipse)	James Courtright	8/30	1	N	ICP / 0600	ICP / 2000
SOFR (t) (O-55 Eclipse)	Joe Morris	9/1	1	N	ICP / 0600	ICP / 2000
FEMT (O-31 Eclipse)	Colin Galt	8/31	1	N	ICP / 0600	ICP / 2000
FEMP ( O-30 Eclipse)	John Winslow	8/31	0	N	ICP / 0600	ICP / 2000

7. Control Operations  
 Prepare to fire and hold the handline on Timms Ridge from fires edge towards H6.  
 Backhaul unnecessary supplies and trash.

Special Instructions:

Function	Frequency	Name	Channel	Function	Frequency	Name	Channel
Command	RX 163.1500N TX 171.5375N	CMD 1	1 (Tone 141.3)	Air to Ground	RX168.3375N TX168.3375N	A/G CMD	12
Tactical Div/Group	RX 166.7750N TX 166.7750N	TAC 6	8 (146.2)	Air to Ground	RX164.0125N TX164.0125N	A/G TAC2	14
Prepared by (Resource Unit Leader) Marissa Jones	Approved by (Planning Section Chief) Walt Herzog <i>Walt J. Herzog</i>		Date	August 20, 2017	Time	2100	

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<b>DIVISION ASSIGNMENT LIST</b>		1. Branch <b>II</b>	2. Division/Group <b>D (Page 1 of 2)</b>
3. Incident Name <b>Eclipse Complex (Oak Fire)</b>		4. Operational Period Date: <b>August 21, 2017</b> Time: <b>0600- 2000</b>	

5. Operations Personnel

Operations Chief	Alec Lane	Division/Group Supervisor	Tim Ritchey/ Tommy Hawkins (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
HC2 Fort Apache #3 (C-41 Eclipse)	Lowell Kasey	8/25	20	N	Spike	Spike
HC1 Beckwourth IHC (C-5 Eclipse)	Mike Wintch	8/25	19	N	Spike	Spike
HC21A Firestorm C-17 (C-36 Eclipse)	Stanley Hawkins	8/25	20	N	Spike	Spike
HC2 Gunnison River C-1 (C-37 Eclipse)	Mike Megel	8/23	20	N	Spike	Spike
ENG3 TNF E-61 (E-169 Eclipse)		8/25	5	N	Spike	Spike
ENG4 GCT 81 E-17	Lee Delyria	8/27	3	N	Spike	Spike
ENG4 GCT 80 E-18	Ken Delyria	8/27	3	N	Spike	Spike
ENG3 Wildfire Support (E-118 Eclipse)	Ryan Vigil	9/3	3	N	Spike	Spike
ENG3 Wildfire Support (E-119 Eclipse)	Peter Allen	9/3	3	N	Spike	Spike
WT2 (E-36 Eclipse)	Gary Tickner	9/1	1	N	Spike	Spike
WT2 Tobiaason E-52 (E-70 Eclipse)	Raynold Tobiaason		2	N	Spike	Spike
DOZ2 E-4 Lonestar	Heather Alexander	8/31	2	N	Spike	Spike
DOZ2 E-44 Peters (E-73 Eclipse)	Chris Olivolo		1	N	Spike	Spike
HEQB O-15 (O-69 Eclipse)	Andy Achter	8/26	1	N	Spike	Spike
TFLD O-9	Robert Kelly Snaidman	8/22	1	N	Spike	Spike
TFLD (t) (O-44 Eclipse)	Kevin Osborne	8/29	1	N	Spike	Spike
EMT O-5	Patrick Burton	8/27	1	N	Spike	Spike

7. Control Operations  
 .Prep the 17N11, 17N23, and dozer line to South Fork Indian Creek.  
 Mop-up and patrol to maintain containment.  
 Scout opportunities for contingency line.  
 Backhaul unnecessary supplies and trash.

Special Instructions:  
 Spike Camp  
 Safety officers shared with Division F.

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 168.6000N TX 168.6000N	TAC 3	6 (Tone 146.2)	Air to Ground	RX164.8375N TX164.8375N	A/G TAC 1	13

Prepared by (Resource Unit Leader) Marissa Jones	Approved by (Planning Section Chief) Walt Herzog <i>Walt Herzog</i>	Date August 20, 2017	Time 2100
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<b>DIVISION ASSIGNMENT LIST</b>		1. Branch <b>II</b>	2. Division/Group <b>D (Page 2 of 2)</b>				
3. Incident Name <b>Eclipse Complex (Oak Fire)</b>		4. Operational Period Date: August 21, 2017 Time: 0600- 2000					
5. Operations Personnel							
Operations Chief	Alec Lane	Division/Group Supervisor	Tim Ritchey/ Tommy Hawkins (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	
<b>EMPF O-6</b>	<b>James Moreta</b>	<b>8/27</b>	<b>1</b>	<b>N</b>	<b>Spike</b>	<b>Spike</b>	
<b>CHIP T1 Cecil Logging (E-16 Eclipse)</b>	<b>Will Draper</b>	<b>9/1</b>	<b>2</b>	<b>N</b>	<b>Spike</b>	<b>Spike</b>	
<b>MAST North State (E-96 Eclipse)</b>	<b>Hoyt Baker</b>	<b>9/1</b>	<b>2</b>	<b>N</b>	<b>Spike</b>	<b>Spike</b>	
<b>FALM (O-159 Eclipse)</b>	<b>Kevin Blankenship</b>	<b>9/2</b>	<b>2</b>	<b>N</b>	<b>Spike</b>	<b>Spike</b>	
7. Control Operations							
Prep the 17N11, 17N23, and dozer line to South Fork Indian Creek. Mop-up and patrol to maintain containment. Scout opportunities for contingency line. Backhaul unnecessary supplies and trash.							
Special instructions: Spike Camp Safety officers shared with Division F.							
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 168.6000N TX 168.6000N	TAC 3	6 (Tone 146.2)	Air to Ground	RX164.8375N TX164.8375N	A/G TAC 1	13
Prepared by (Resource Unit Leader)	Marissa Jones		Approved by (Planning Section Chief)	Walt Herzog <i>Walt J. Herzog</i>			Time
				Date	August 20, 2017		2100


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<b>DIVISION ASSIGNMENT LIST</b>	1. Branch <b>II</b>	2. Division/Group <b>F (Page 1 of 2)</b>
3. Incident Name <b>Eclipse Complex (Oak Fire)</b>	4. Operational Period Date: August 21, 2017 Time: 0600- 2000	

5. Operations Personnel		
Operations Chief Alec Lane	Division/Group Supervisor Richard Inghram, Leland Ratcliff (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
HC1 Mill Creek IHC (C-19 Eclipse)	John Ellison	8/27	20	N	ICP / 0600	ICP / 2000
HC1 Plumas IHC (C-2 Eclipse)	Mike Sherman	8/24	20	N	ICP / 0600	ICP / 2000
HC1 Smith River IHC (C-12 Eclipse)	Jeremiah Mendes	8/25	19	N	ICP / 0600	ICP / 2000
HC1 Tallac IHC	Kyle Betty	8/23	19	N	ICP / 0600	ICP / 2000
HC2IA White Mountain (C-24 Eclipse)	Owen Smith	8/21	21	N	ICP / 0600	ICP / 2000
HC2 Eagle Lake (C-40 Eclipse)	Ben Wheeler		19	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 J3 Contracting 17 E-13	Matt Frederick	8/31	3	N	ICP / 0600	ICP / 2000
ENG3 A4S 431 (E-121 Eclipse)	Demetri Baca	9/2	4	N	ICP / 0600	ICP / 2000
ENG6 J3 Contracting 13 E-24	John Hoellerich	8/31	3	N	ICP / 0600	ICP / 2000
ENG6 Rocky Point E-12	KC Frye	8/26	3	N	ICP / 0600	ICP / 2000
SKID1 5360 E-94	Josh Covey (Day)	9/2	2	N	ICP / 0600	ICP / 2000
SKID1 5314 E-95	Jeremy Guthrie (Day)	9/2	2	N	ICP / 0600	ICP / 2000
WT2 Cattleack Ranch E-7 (E-162 Eclipse)	Zane	8/26	1	N	ICP / 0600	ICP / 2000
WT2 Cattleack Ranch E-8 (E-163 Eclipse)	Jim Goldie Day)	9/3	1	N	ICP / 0600	ICP / 2000

7. Control Operations  
Continue to fire and hold the 17N22 Road from DP60 to HWY 96.  
Hold fire within existing containment lines.  
Reopen and construct dozer lines to protect the community of Happy Camp.  
Scout opportunities for contingency line.  
Backhaul unnecessary supplies and trash.  
Special Instructions:  
Safety officers shared with Division D.

Function	Frequency	Name	Channel	Function	Frequency	Name	Channel
Command	RX171.0375N TX165.3625N	CMD 3	3 (Tone 146.2)	Air to Ground	Rx 168.3375N Tx 168.3375N	A/G CMD	12
Tactical Div/Group	RX 168.7250N TX 168.7250N	TAC 5	7 (Tone 146.2)	Air to Ground	RX164.8375N TX164.8375N	A/G TAC 1	13
Prepared by (Resource Unit Leader) Marissa Jones	Approved by (Planning Section Chief) Walt Herzog 		Date	August 20, 2017	Time	2100	



<b>DIVISION ASSIGNMENT LIST</b>	1. Branch <b>II</b>	2. Division/Group <b>F (Page 2 of 2)</b>				
3. Incident Name <b>Eclipse Complex (Oak Fire)</b>	4. Operational Period Date: <b>AUGUST 21, 2017</b> Time: <b>0600- 2000</b>					
5. Operations Personnel						
Operations Chief	Alec Lane	Division/Group Supervisor Richard Inghram, Leland Ratcliff (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
<b>DO22 Ben's Truck (E-128 Eclipse)</b>	<b>Bill Scarborough</b>	<b>9/2</b>	<b>2</b>	<b>N</b>	<b>ICP / 0600</b>	<b>ICP / 2000</b>
<b>DO22 North State (E-34 Eclipse)</b>	<b>George Poe (Day)</b>	<b>8/31</b>	<b>1</b>	<b>N</b>	<b>ICP / 0600</b>	<b>ICP / 2000</b>
<b>DO22 Carlson Const. (E-134 Eclipse)</b>	<b>Curt Carlson</b>	<b>9/1</b>	<b>2</b>	<b>N</b>	<b>ICP / 0600</b>	<b>ICP / 2000</b>
<b>DO22 Carlson Const. ( E-127 Eclipse)</b>	<b>Kurtis Embury</b>	<b>9/1</b>	<b>2</b>	<b>N</b>	<b>ICP / 0600</b>	<b>ICP / 2000</b>
<b>CHIP T1 Ray Godon (E-17 Eclipse)</b>	<b>Brandon Balderas</b>	<b>8/30</b>	<b>1</b>	<b>N</b>	<b>ICP / 0600</b>	<b>ICP / 2000</b>
<b>FALM American Timber (O-42 Eclipse)</b>	<b>Christopher and Wyatt</b>	<b>8/31</b>	<b>2</b>	<b>N</b>	<b>ICP / 0600</b>	<b>ICP / 2000</b>
<b>FALM (O-109 Eclipse)</b>	<b>Dennis Withers</b>	<b>9/2</b>	<b>2</b>	<b>N</b>	<b>ICP / 0600</b>	<b>ICP / 2000</b>
<b>HEQB (O-112 Eclipse)</b>	<b>Lee Brad Gregory</b>	<b>9/2</b>	<b>1</b>	<b>N</b>	<b>ICP / 0600</b>	<b>ICP / 2000</b>
<b>TFLD ( O-39 Eclipse)</b>	<b>Robert Hoyle</b>		<b>1</b>	<b>N</b>	<b>ICP / 0600</b>	<b>ICP / 2000</b>
<b>TFLD (t) (O-103 Eclipse)</b>	<b>Shilo Springstead</b>	<b>8/31</b>	<b>1</b>	<b>N</b>	<b>ICP / 0600</b>	<b>ICP / 2000</b>
<b>SOF2 (O-14 Eclipse)</b>	<b>Mike Frederick</b>	<b>8/29</b>	<b>1</b>	<b>N</b>	<b>ICP / 0600</b>	<b>ICP / 2000</b>
<b>SOFR (t) (O-13 Eclipse)</b>	<b>Terry Nickerson</b>	<b>8/29</b>	<b>1</b>	<b>N</b>	<b>ICP / 0600</b>	<b>ICP / 2000</b>
<b>EMPF (O-28 Eclipse)</b>	<b>Paul Gonsolis</b>	<b>8/31</b>	<b>1</b>	<b>N</b>	<b>ICP / 0600</b>	<b>ICP / 2000</b>
<b>FEMT (O-3 Eclipse)</b>	<b>Karen Lichti</b>	<b>8/30</b>	<b>1</b>	<b>N</b>	<b>ICP / 0600</b>	<b>ICP / 2000</b>
<b>REMS 2 (O-22 Eclipse)</b>	<b>Milpitas</b>	<b>8/31</b>	<b>1</b>	<b>N</b>	<b>ICP / 0600</b>	<b>ICP / 2000</b>
7. Control Operations						
Continue to fire and hold the 17N22 Road from DP60 to HWY 96.						
Hold fire within existing containment lines.						
Reopen and construct dozer lines to protect the community of Happy Camp.						
Scout opportunities for contingency line.						
Backhaul unnecessary supplies and trash.						
Special Instructions:						
Safety officers shared with Division D.						
Function	Frequency	Name	Channel	Function	Frequency	Name
Command	RX171.0375N TX165.3625N	CMD 3	3 (Tone 146.2)	Air to Ground	Rx 168.3375N Tx 168.3375N	A/G CMD
Tactical Div/Group	RX 168.7250N TX 168.7250N	TAC 5	7 (Tone 146.2)	Air to Ground	RX164.8375N TX164.8375N	A/G TAC 1
Prepared by (Resource Unit Leader)	Approved by (Planning Section Chief)		Date	Time		
Gary R Deboi	Walt Herzog <i>Walt Herzog</i>		August 20, 2017	2100		

<b>DIVISION ASSIGNMENT LIST</b>	1. Branch <b>II</b>	2. Division/Group <b>Z (Page 1 of 2)</b>
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3. Incident Name  
**Eclipse Complex (Oak Fire)**      Date: August 21, 2017      Time: 0600- 2000

4. Operational Period  
**Operations Personnel**

Operations Chief	Alec Lane	Division/Group Supervisor	Mike Sherman, Joe McGinn (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
HC21A Lassen HS (C-17 Eclipse)	Allen Schultze	8/29	19	N	ICP / 0600	ICP / 2000
S/T ENG3 SHF 3675C (E-35 Eclipse)	Liz Younger/A. Zaharris(t)	8/29	27	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 Patofa	9/1	5	N	ICP / 0600	ICP / 2000
ENG3 AZNCO (E-118 Eclipse)	Vincent Nielson	9/2	4	N	ICP / 0600	ICP / 2000
WT2 CattielackRanch E-9 (E-164 Eclipse)	Al Cross		1	N	ICP / 0600	ICP / 2000
WT2 White Logging E-51 (E-69 Eclipse)	Tom White	8/21	1	N	ICP / 0600	ICP / 2000
MAST E-33	Justin Claughton	8/31	2	N	ICP / 0600	ICP / 2000
MAST E-26	Colter Holleman	8/31	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
DOZ2 E-2 Ben's Truck (E-159 Eclipse)	Tony Duerr	8/25	2	N	ICP / 0600	ICP / 2000
GRD1 Moody (E-35 Eclipse)	Tom Relisze	9/2	1	N	ICP / 0600	ICP / 2000
FALM (E-102 Eclipse)	Dustin Brown	9/2	2	N	ICP / 0600	ICP / 2000
STEN (O-103 Eclipse)	Duane Noffz	9/2	1	N	ICP / 0600	ICP / 2000
TFLD (t) (O-160 Eclipse)	Nolan Reynolds	9/1	1	N	ICP / 0600	ICP / 2000
HEQB O-68 (O-89 Eclipse)	Casey Rustenhoven	8/29	1	N	ICP / 0600	ICP / 2000
HEQB O-57 (O-146 Eclipse)	Terrell Drew		1	N	ICP / 0600	ICP / 2000
SOFR (O-199 Eclipse)	Scott Belknap	8/30	1	N	ICP / 0600	ICP / 2000
SOFR O-56 (O-83 Eclipse)	Greg Powell	8/21	1	N	ICP / 0600	ICP / 2000
SOFR O-59	Robert Fisher	8/30	1	N	ICP / 0600	ICP / 2000

7. Control Operations  
Construct handline from the 16N12 Road to Clear Creek and from H7 to Clear Creek.  
Scout opportunities for contingency line.  
Backhaul unnecessary supplies and trash.

Special Instructions:

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) Marissa Jones	Approved by (Planning Section Chief) Walt Herzog <i>Walt Herzog</i>	Date August 20, 2017	Time 2100				

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**DIVISION ASSIGNMENT LIST**

1. Branch **II** 2. Division/Group **Z (Page 2 of 2)**

3. Incident Name **Eclipse Complex (Oak Fire)** Date: **August 21, 2017** Time: **0600- 2000**

4. Operational Period **Operations Personnel**

5. Operations Personnel

Operations Chief **Alec Lane** Division/Group Supervisor **Mike Sherman, Joe McGinn (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
<b>FOBS O-153</b>	<b>Bruce Cann</b>	<b>9/1</b>	<b>1</b>	<b>N</b>	<b>ICP / 0600</b>	<b>ICP / 2000</b>
<b>FOBS O-53 (t)</b>	<b>Michael Townsend</b>	<b>8/30</b>	<b>1</b>	<b>N</b>	<b>ICP / 0600</b>	<b>ICP / 2000</b>
<b>EMTF (O-17 Eclipse)</b>	<b>Sayer Morgan</b>	<b>9/1</b>	<b>1</b>	<b>N</b>	<b>ICP / 0600</b>	<b>ICP / 2000</b>
<b>EMPF (O-36 Eclipse)</b>	<b>Michael Scardina</b>	<b>9/1</b>	<b>1</b>	<b>N</b>	<b>ICP / 0600</b>	<b>ICP / 2000</b>

7. Control Operations  
 Construct headline from the 16N12 Road to Clear Creek and from H7 to Clear Creek.  
 Scout opportunities for contingency line.  
 Backhaul unnecessary supplies and trash.

Special Instructions:

Function	Frequency	Name	Channel	Function	Frequency	Name	Channel
<b>Command</b>	RX171.0375N TX165.3625N	CMD3	3 (Tone 146.2)	Air to Ground	Rx 168.3375 Tx 168.3375	A/G CMD	12
<b>Tactical Div/Group</b>	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) Marissa Jones	Approved by (Planning Section Chief) Walt Herzog <i>Walt Herzog</i>		Date	August 20, 2017	Time	2100	

<b>DIVISION ASSIGNMENT LIST</b>	1. Branch <b>II</b>	2. Division/Group <b>Structure Group</b>
3. Incident Name <b>Eclipse Complex (Oak Fire)</b>	4. Operational Period Date: August 21, 2017	Time: 0600-2000

5. Operations Personnel

Operations Chief Alec Lane	Division/Group Supervisor Matt Prentfiss / 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
HC2 Pacific Oasis (C-10 Eclipse)	William Dietz	8/21	20	N	ICP / 0600	ICP / 2000
STEN O-57	Cougan Caruthers	9/1	1	N	ICP / 0600	ICP / 2000
ENG6 Crown Chaser (E-167 Eclipse)	Scott Farmer	8/24	3	N	ICP / 0600	ICP / 2000
ENG6 Rogue River E-4 (E-165 Eclipse)	James Jones	8/24	3	N	ICP / 0600	ICP / 2000
ENG6 Volcano E-11	Roy Baer	8/26	3	N	ICP / 0600	ICP / 2000
ENG6 K&L Farms (E-166 Eclipse)	Ian Shelly	8/24	3	N	ICP / 0600	ICP / 2000
ENG6 Woods 27 E-15 KNF Support	Kurt Flewell	9/2	3	N	ICP / 0600	ICP / 2000
TFLD (O-7 Eclipse)	David Rogers	8/30	1	N	ICP / 0600	ICP / 2000
TFLD (t) (O-121 Eclipse)	David Deleon	9/1	1	N	ICP / 0600	ICP / 2000
ENG3 KNF-75	Harris Stoner	8/22	7	N	ICP / 0600	ICP / 2000
HC2 Cobras 4 (C-23 Eclipse)	J. Torres	8/27	21	N	ICP / 0600	ICP / 2000
HC2IA GFP 15 Delta (C-22 Eclipse)	Brandon Campbell	8/31	20	N	ICP / 0600	ICP / 2000
S/T ENG3 LNF 3616 C (E-141 Eclipse)	Scott Flynn	9/2	26	N	ICP / 0600	ICP / 2000
S/T ENG3 SRF 2600 C (E-136 Eclipse)	Nick Balent	9/1	27	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
ENG3 Nesbit 613 (Eclipse 168)	Vas Naiker	8/24	3	N	ICP / 0600	ICP / 2000
FEMT (O-5 Eclipse)	Adam Vollmer	8/30	1	N	ICP / 0600	ICP / 2000
FEMP (O-9 Eclipse)	Zachary Brown	8/30	1	N	ICP / 0600	ICP / 2000

7. Control Operations  
 Provide structure protection for residence and private property from Wingate Bar to the Pony Peak Road.  
 Backhaul unnecessary supplies and trash.

Special Instructions:  
 Structure Protection

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
Prepared by (Resource Unit Leader) Marissa Jones		Approved by (Planning Section Chief) Walt Herzog <i>Walt Herzog</i>		Date	August 20, 2017		
				Time	2100		

<b>DIVISION ASSIGNMENT LIST</b>	1. Branch <b>II</b>	2. Division/Group <b>NIGHT (Page 1 of 2)</b>
3. Incident Name <b>Eclipse Complex (Oak Fire)</b>	4. Operational Period Date: August 21-22, 2017	Time: 1800-0800

**Operations Personnel**

Operations Chief	Mike Klimek (t)	Division/Group Supervisor	Harold Reed
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 Feather River IHC (C-6 Eclipse)	Robert Daniels	8/24	20	N	ICP / 1800	ICP / 0800
HC2IA Elk Mountain HS (C-39 Eclipse)	Reymundo Reyes	8/29	21	N	ICP / 1800	ICP / 0800
HC2IA Zuni (C-1 Eclipse)	Carmen Goseyun	8/28	20	N	ICP / 1800	ICP / 0800
ENG3 TMU Engine 44 (E-171 Eclipse)		8/25	5	N	ICP / 1800	ICP / 0800
ENG3 Utah Engine 11 E-23	Patrick Carlson	8/23	5	N	ICP / 1800	ICP / 0800
ENG3 MNF 36 (E-107 Eclipse)	Brad Torar	9/1	5	N	ICP / 1800	ICP / 0800
ENG3 ENF 314	Scott Soden	8/25	5	N	ICP / 1800	ICP / 0800
ENG3 MNF 353 (E-173 Eclipse)	Conroy Coleman	8/25	5	N	ICP / 1800	ICP / 0800
ENG6 GE Forestry E-7 (E-168 Eclipse)	Josh Nikobym	8/24	3	N	ICP / 1800	ICP / 0800
ENG3 STF 344 (E-122 Eclipse)	Josiah Dewey	9/2	5	N	ICP / 1800	ICP / 0800
ENG3 OVD 3131 (E-125 Eclipse)	Don Shoemaker	9/2	5	N	ICP / 1800	ICP / 0800
ENG3 TNF 73 (E-102 Eclipse)	Jeremy Oster	9/2	5	N	ICP / 1800	ICP / 0800
ENG3 ANF 112 (E-126 Eclipse)	Jarod Breneman	9/2	5	N	ICP / 1800	ICP / 0800
ENG3 ANF 354 (E-116 Eclipse)	Michael Delay	9/2	5	N	ICP / 1800	ICP / 0800
ENG3 PNF 332 (E-105 Eclipse)	Michael Hyett	9/2	5	N	ICP / 1800	ICP / 0800
SOFR (O-200 Eclipse)	Mark Tait	8/31	1	N	ICP / 1800	ICP / 0800
WT2 Cattlelack Ranch E-7 (E-162 Eclipse)	Randy Horn (Night)	8/26	1	N	ICP / 1800	ICP / 0800
WT2 Cattlelack Ranch E-8 (E-163 Eclipse)	Ken Battles (Night)	9/3	1	N	ICP / 1800	ICP / 0800
WT2 Cattlelack Ranch E-9 (E-164 Eclipse)	Bill Schmitt (Night)		1	N	ICP / 1800	ICP / 0800
DOZ2 North State (E-34 Eclipse)	George Poe (Night)	8/31	2	N	ICP / 1800	ICP / 0800
SKID1 5360 E-94	Eijah Purday (Night)	9/2	2	N	ICP / 1800	ICP / 0800
SKID1 5314 E-95	Richard Goolsby	9/2	2	N	ICP / 1800	ICP / 0800

**7. Control Operations**

Continue to fire and hold the 17N22 Road from DP60 to HWY 96. Patrol and Mop up to maintain containment. Backhaul unnecessary supplies and trash.

Special Instructions:

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	RX168.2000N TX168.2000N	TAC 2	5 (Tone 146.2)	Air to Ground	RX164.8375N TX164.8375N	A/G TAC 1	13
Prepared by (Resource Unit Leader)	Marissa Jones	Approved by (Planning, Section Chief)	Walt Herzog <i>Walt J Herzog</i>	Date	August 20, 2017	Time	2100

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## Eclipse Complex Fire Weather Forecast



**FORECAST NO:** 8

**NAME OF FIRE:** KNF-006098-Eclipse Complex

**PREDICTION FOR:** 0600-1800 Day Shift

**UNIT:** Klamath NF- Happy Camp RD

**SHIFT DATE:** 8/21

**SIGNED:**

**TIME AND DATE**

**FORECAST ISSUED:** 2100 8/20/17

**Incident Meteorologist-Ryan Walbrun**

**WEATHER DISCUSSION:** Heavy smoke is forecast to linger over the fires today for multiple reasons. In fire weather we look for subtle but important day over day changes. Today for the first time in at least a week the ridge top or low level transport winds will switch to a light southerly direction. The main impact will be to bring smoke from the fires near Orleans and Etna. In addition the solar eclipse this morning will briefly negate the typical daytime heating. The end result should be a day of moderate temperatures and humidity readings due to strong inversion layer. The inversion may try to break out once again around 1600 hours but in the absence of extensive firing or aerial ignitions we should not expect plume or wind driven fire behavior.

**WEATHER FORECAST for TODAY:**

**WEATHER:** Widespread and thick smoke for most of the day, trying to break around 1600 above 4000 feet.

**TEMPERATURES:** Afternoon highs upper 70s smoke covered ridges to mid 80s Div Z at 2000 feet.

**HUMIDITY:** 20-25% most of the day, then lowering 15-20% late in the period as the inversion weakens.

**20 FT WINDS:**

**RIDGETOP** - East 5 mph early in the day then gradually turning South 4-8 mph.

**SLOPEVALLEY** – Afternoon upslope 2-5 mph. A few late day gusts 8 mph.

**HAINES INDEX:** 4 (if a column or slope run is able to break the inversion small plumes may develop)

**STABILITY/INVERSION:** Strong morning inversion breaking around 1600 hours.

**OUTLOOK FOR MONDAY NIGHT:** Continued very smoky with light south to southwest winds continuing on the ridges. Poor to moderate humidity recovery about 35-45% by morning with light drainage wind mid and lower slopes. Overnight lows mainly in the 60s but hovering near 70 in the thermal belts between 3500-4000 feet.

**EXTENDED OUTLOOK:** A change in the weather for Tuesday with a gradual increase in south/southwest ridgetop winds from 5-10 mph. This will signal a change as moisture from the south will begin to increase during the afternoon in the form of increasing cumulus clouds over the smoke free ridges to our south and east. There will be about a 15% chance of a thunderstorm Tuesday afternoon. A similar threat will continue on Wednesday but the best chances look to be east of our complex. Ridge winds will turn more Westerly by Wednesday night as the system kicks east. Thursday could be breezy on the ridges with West wind gusts to 25 mph. Strong high pressure begins to rebuild Friday and through the weekend with temperatures trending above normal and lowering humidity values as dry north winds develop once again trapping smoke in the valleys.

**EXTRA INFORMATION:** Eclipse will begin around 9 am, peak around 10:15 am end by 11:45 am. Do NOT look directly at the eclipse. In addition smoke exposure and heat related illness will continue to be your biggest weather related risk factors. Take necessary measures to mitigate.

## FIRE BEHAVIOR FORECAST

<b>FORECAST NUMBER 10</b>	<b>TYPE OF FIRE: Wildland Fire</b>
<b>FIRE NAME: Eclipse Complex</b>	<b>OPERATIONAL PERIOD: Day shift August 21, 2017</b>
<b>DATE ISSUED: August 21, 2017</b>	<b>TIME ISSUED: 1900</b>
<b>UNIT: Klamath NF</b>	<b>SIGNED: Bob Patton</b>  <b>FBAN</b>

### WEATHER SUMMARY:      **\*\*\*Please See attached Fire Weather Forecast\*\*\***

**Weather:** Widespread thick smoke for most of the day trying to break around 1600 above 4000'

**Max Temp:** Afternoon high upper 70's smoke covered ridges to mid 80s Division Z at 2000'

**Min RH:** 20-25% most of the day, then lowering 15-20% late in the period after the inversion weakens.

**Winds:** 20'

**Upslope /upvalley:** Afternoon 2-5 mph with gusts to 8 mph

**Ridgetop:** East 5 mph early in the day then gradually turning south 4-8

Strong morning inversion breaking around 1600 hours.

### GENERAL

The Eclipse Complex consists of fires: Clear, Cedar, Oak, Four Mile, and Prescott. 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. ERC's for the predictive service area are *64 around the 8<sup>th</sup> percentile*, down from the *94<sup>th</sup> percentile* over a week and a half ago but has been rising the past few days. ERC's at Oak Knoll are *65 around the 87<sup>th</sup> percentile* down from the *94<sup>th</sup> percentile* over a week and a half ago and are slowly rising as well. Live fuel moisture is approximately *97% in Manzanita, and 116-118% in Tan Oak. Probability of ignition: 30-50% depending on aspect and shading*. Maximum spotting distance *up to one mile or more. Maximum Rate of Spread up to 1-12 ch/hr, and Flame lengths up to 1-10' in surface fire*. If smoke clears, *slope and fuel that are in alignment with the wind could experience enhanced fire behavior*.

### SPECIFIC FIRE BEHAVIOR

**Cedar Fire:** Yesterday IR indicated growth in all directions, causing the Cedar and East Fire to merge. Fire behavior in the morning under the inversion should be minimal with slow backing with slow forward rate of spread in available fuels prior to the smoke lifting out. *If* the smoke lifts out with a more southerly flow fire activity could increase in unshaded areas in alignment with the wind and slope. Expect individual tree torching with some active surface fire.

**Four Mile Fire:** Fire has been actively backing and crowning through brush, and this activity is expected to continue. The fire has remained active throughout the night during this period of poor humidity recovery and warm overnight temperatures.

**Oak Fire:** Fire behavior today under the inversion should be limited to active surface fire and backing in available fuels. South ridgetop winds should be favorable today for firing operations on the southerly aspects. *Division D and F* should have minimal fire behavior. Minimal fire activity is anticipated in Division D and F. *Division Z* as of last night were firing down from DP 60 to DP 50. The fire had also reached the 16N12 Rd. and will probably have reached the 15N32 by today. Fuels from the firing operation will continue to burn out.

**Clear Fire:** Minimal fire activity is anticipated.

**Prescott Fire:** Fire will continue to grow and move south and east.

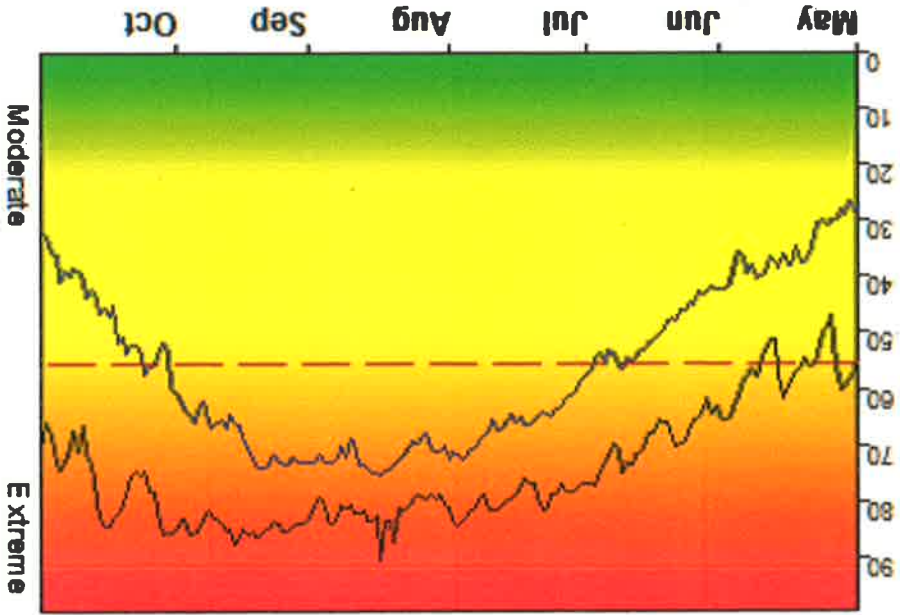
### AIR OPERATIONS

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

### SAFETY

Be heads up during mop-up in timber areas. The fire has weakened the root systems of lots of trees and it won't take much wind to bring these trees down



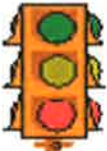


Maximum, Average, and 41th Percentile, based on 15 years data

**FIRE DANGER – West Side KNF**

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

**Fire Danger Area:**



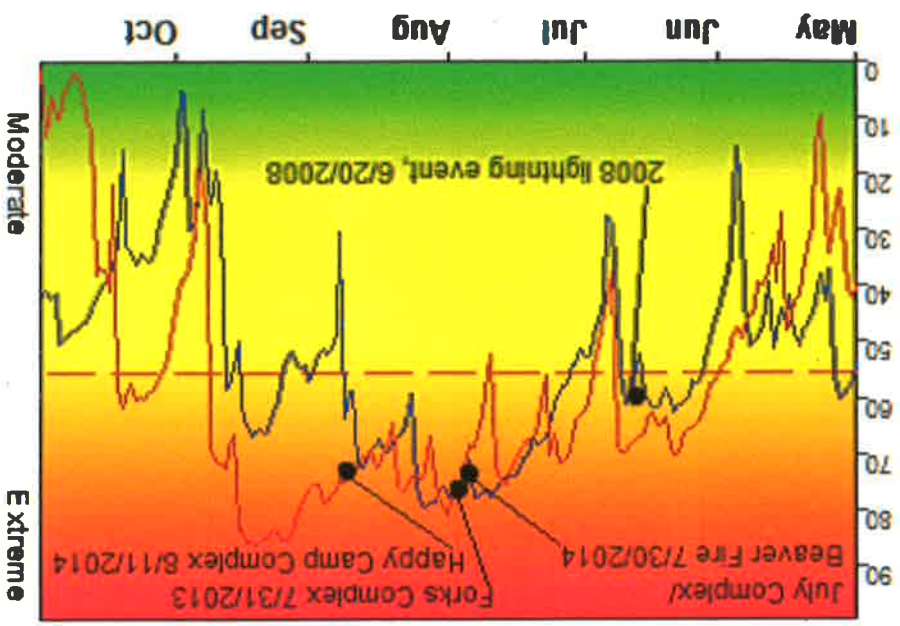
- EXTREME** – Use extreme caution
- (Caution)** – Watch for change
- Moderate** – Lower Potential, but always be aware

**Fire Danger Interpretation:**

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 79, 1000-Hour Fuel Moisture less than 12



**Years to Remember: 2013 2014**

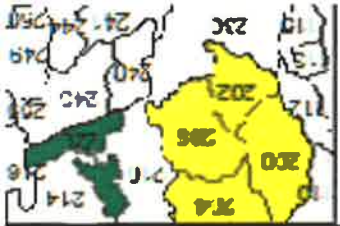
**Fuel Model: G - Short-Needle (Heavy Dead)**

**Past Experience:**

Large fires (>24ac) occur more frequently when ERC exceeds 55 and can readily increase in complexity  
 Multiple lightning 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 Bald, Quartz Hill, Callahan #2 (2003-Present), and Dutch-Indy (2010-Present) RAWS data was used.

**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.



1. Incident Name <b>Eclipse Complex</b>	2. Date/ Time Prepared 8/20/2017 1800	3. Operational Period Date/Time 8/21-22 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	IA /OAK NIGHT	RX 168.2000 TX 168.2000 TONE 146.2	Narrow	KNF IA/ 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	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 NO TONE	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

PREPARED DATE/TIME: 08/20/17 1930

1. INCIDENT NAME: Eclipse Complex	
2. OPERATIONAL PERIOD DATE: 08/21/17 START TIME: 0600 END TIME: 1800 SUNRISE: 0628 SUNSET: 2004	
NOTE: AIRCRAFT CAN BE SHARED BETWEEN COMPLEXES	
3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc)	<p>Possible unidentified low wires &amp; cables in the river corridor. Rafter's 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. H-407 is located at Scott Valley and is used for fire line extrication and medivac only. Observe the no fly zones for cultural ceremonies.</p> <p>PSD operations are planned if smoke conditions allow. See Project Aviation Safety Plan for specific information. 128.1750 now linked to Scott Valley and Happy Camp helibases.</p>
4. MEDEVAC A/C:	See Medical Plan
5. TFR: 7/5651	H-407 out of Scott Valley for hoist
6. TFR: 128.175	With landing zone available non trama H-503 is available
7. TFR: 128.175	See Medical Plan

6. PERSONNEL	Phone	7. FREQUENCIES	AM	FM	8. FIXED-WING	# Avail / Type/ Make-Model / FAA N# / Base(s)
AOBD: Kerry Koskela	530-643-6321	Air to Air TFR/Rotor	128.1750		Airtankers	Filled by request
ASGS: Steve Beall	530-598-6755	Air Tactics	169.1500		Lead Planes	
ATGS: Todd White	530-263-5621	Air to Ground CMD	168.3375		ATGS Aircraft	N600WS FM Aero Commander 690 Relief as requested Cobra AA 509 as requested
Scott Valley HB HEB1: Bill Lampert	530-598-4128	Branch II Air to Ground TAC	164.0125	164.8375	MISC.	Scott Valley Helibase Fax 530-468-2118 Scott Valley Helibase Mgr. 530-468-1294 Scott Valley Unicom 122.8 Scott Valley Valley Temp Tower 128.625
Happy Camp HB HEB2: Ray Wilson	530-493-1779	Happy Camp Unicom	122.900			

## 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	unavailable
							3HX	1	KMAX	Happy Camp	08:30	08:00	Bucket

## HELICOPTERS (Shared with KNF Lightning / Salmon August Complex)

CALL SIGN	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	CALL SIGN	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS
H-510	2	Bell 205	Scott Valley	08:30	08:00	Bucket	ZVM	1	KMAX	Scott Valley	08:30	08:00	Bucket
1KA	1	KMAX	Scott Valley	08:30	08:00	Bucket	XFT	1	KMAX	Scott Valley	08:30	08:00	Bucket

HELICOPTERS (Shared with Orleans Complex)												
CALL SIGN	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	CALL SIGN	TY	MAKE/MODEL	BASE	AVAIL	START
6HT	1	Skycrane	Scott Valley	08:30	08:00	Tanked	H-512	2	212 HP	Scott Valley	08:30	08:00
25M	1	Skycrane	Scott Valley	08:30	08:00	Tanked	6TA	3	Bell 407	Scott Valley	08:30	08:00
2WM	1	KMAX	Scott Valley	08:30	08:00	Bucket	7AC	3	Bell 407	Scott Valley	08:30	08:00
H-516	2	212 HP	Scott Valley	08:30	08:00	Bucket	8MB	3	Astar	Orleans ICP	08:30	08:00
H-514	2	212 HP	Scott Valley	08:30	08:00	Bucket						

10. MISSIONS												
Recons as requested												
Water drops as requested												
Aircraft to be shared will be assigned by priority												

# MEDICAL PLAN (ICS 206 WF)

1. Incident/Project Name		2. Operational Period	
<b>Eclipse Complex</b>		Date/Time <b>8/21 to 8/22</b>	Day <b>0600-2000 Night 1800-0800</b>
3. Ambulance Services			
Name	Location	Phone & EMS Frequency	Advanced Life Support (ALS) Yes No
Shasta Ambulance Unit 79	Oak Fire Day - ICP night	Contact on Command	X
Trinity Ambulance 308	Cedar Fire Day- ICP Night	Contact on Command	X
Happy Camp Amb. Unit 22	26 4 <sup>th</sup> Ave 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 – Scott Valley, 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
Coast Guard(BLS)	2 hrs	530-842-3380 (YICC)	Hoist Rescue – Eureka, CA Day/Night
5. Hospitals			
Name & Level	GPS Datum – WGS 84 Degrees Decimal Minutes	Travel Time Air Gnd	Helipad Yes No
Fair Child Medical Ctr.	Lat: N41°43.173	20 min	X
	Long: W122°38.75		
	VHF:		
Asante Rogue Valley Memorial. Level II Trauma Center	Lat: N42°19.08	15 min	X
	Long: W122°49.91		
	VHF:		
Mercy Medical Center Level II Trauma Center	Lat: N40°34.33	60 min	X
	Long: W122°23.80		
	VHF:		
UC Davis Level I Trauma/Burn Center	Lat: N38°33.29	1.5 hrs	X
	Long: W121°27.32		
	VHF:		
6. Division / Crew Pre-plan. Update and discuss with assigned resources daily			
Crew EMTs & Equipment			
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		Point of Contact: MEDL- Josh Ramey 530-277-1213	
N41°47.48		EMS Responders & Capability: Frontline- Advanced Life Support	
W123°22.15		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)
Josh Ramey MEDL 530-277-1213 cell or 530-493-1518 office		8/20/2017 2000	Michele Tanzi SOFI
<i>Joshua Ramey</i>			<i>Michele Tanzi</i>
			11. Date/Time
			8/20/2017 2000

# MEDICAL PLAN (ICS 206 WF)

## Medical Incident Report

Use items one through nine to communicate situation to communications/dispatch.

**1. CONTACT COMMUNICATIONS DECLARE: "MEDICAL EMERGENCY" OR "NON-EMERGENCY MEDICAL TRANSPORT"**  
 Ex: "Communications, Div. Alpha, Stand-by for a medical emergency on Div. Alpha" (If life threatening request designated frequency be cleared for emergency traffic.)

**2. INCIDENT STATUS:** Provide incident summary and command structure.

- **Nature of Injury/Illness** Describe the injury (Ex: Broken leg with bleeding) \_\_\_\_\_

- **Incident Name** Geographic Name + "Medical" (Ex: Trout Meadow Medical) \_\_\_\_\_

- **Incident Commander (Division Sup. or designee)** Name of IC \_\_\_\_\_

- **Patient Care** Name of Care Provider (Ex: EMT Smith) \_\_\_\_\_

**3. INITIAL PATIENT ASSESSMENT:** Complete this section for each pt. This is only a brief, initial assessment. Provide additional pt. info after completing this report.

- **Number of Patients:** \_\_\_\_\_ - **Male / Female:** \_\_\_\_\_ - **Age:** \_\_\_\_\_ - **Weight:** \_\_\_\_\_

- **Conscious?**  YES  NO = MEDEVAC! - **Breathing?**  YES  NO = MEDEVAC!

- **Mechanism of Injury** What caused the injury? \_\_\_\_\_

- **Location, Lat/Long** (Datum WGS84) Ex: N 40° 42.45' x W 123° 03.24' \_\_\_\_\_

### 4. SEVERITY OF EMERGENCY, TRANSPORT PRIORITY

SEVERITY	TRANSPORT PRIORITY
<input type="checkbox"/> <b>URGENT-RED</b> Life threatening injury or illness. Ex: Unconscious, difficulty breathing, bleeding severely, 2° - 3° burns more than 4 palm sizes, heat stroke, disoriented.	Ambulance or MEDEVAC helicopter. Evacuation need is <b>IMMEDIATE.</b>
<input type="checkbox"/> <b>PRIORITY-YELLOW</b> Serious Injury or illness. Ex: Significant trauma, not able to walk, 2° - 3° burns not more than 1-2 palm sizes.	Ambulance or consider air transport if at remote location. Evacuation may be <b>DELAYED.</b>
<input type="checkbox"/> <b>ROUTINE-GREEN</b> Not a life threatening injury or illness. Ex: Sprains, strains, minor heat-related illness.	Non-Emergency. Evacuation considered <b>Route of Convenience.</b>

### 5. TRANSPORT PLAN:

**Air Transport:** (Agency Aircraft Preferred)

Helispot  Short-haul/Hoist  Life Flight  Other

**Ground Transport:**

Self-Extract  Carry-Out  Ambulance  Other

### 6. ADDITIONAL RESOURCE/EQUIPMENT NEEDS:

- Paramedic/EMT(s)  SKED/Backboard/C-Collar  Crew(s)  Burn Supplies  Oxygen
- Trauma Bag  Medication(s)  IV/Fluid(s)  Cardiac Monitor/AED
- Other (i.e. splints, rope rescue, wheeled litter)

### 7. COMMUNICATIONS:

- Run Medical Emergency on Command - Coordinate with air ambulance on CALCORD tone 6

### 8. 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:** \_\_\_\_\_

**9. CONTINGENCY:** If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead... \_\_\_\_\_

### REMEMBER:

- Confirm ETA's of resources ordered
- If air or ground ambulance is **DELAYED**, Package and transport patient to rendezvous with incoming Ambulance. Re-route EMS helicopter to rendezvous point as appropriate.

-Act according to your level of training

# Eclipse Complex - Incident Risk Analysis (215a)

Div.	LCES Analysis of Tactical Applications (Hazardous Actions or Conditions)	LCES Mitigations/Warnings/Remedies
All Personnel Includes ICP	Heat Related Illness/Injuries	<b>STAY HYDRATED</b> before, during and after shift. “Energy Drinks” such as Monster, Red Bull or Rockstar contribute to heat injuries and should not be consumed. <b>Pre-Plan the needs of your crews.</b> Stage more water and Electrolyte drinks along your work area. <b>Order more, take more water/Electrolyte drinks.....it’s FREE</b>
All	Bees, Wasps, Hornets, Snakes	<b>Known areas? Flag off and Communicate to affected resources.</b> Pre-Identify those resources with known allergies. Pre-plan your response (Epi-Pen’s, Benadryl supply, Medical personnel etc). Safety Officers will have a supply of Bee-Bop/Wasp Spray
All	Difficult terrain and conditions for providing for emergency medical needs.	<b>Review Med Plan before the need arises.</b> Limit high risk activities. Have a backup plan AND don’t depend solely on air resources. Practice the “What if” scenarios.
All	Communications	<b>Review the 204, 205 and 220 for accuracy. Set up Human Repeaters as needed.</b> If spiking, test with Eclipse Communications for viability.
All	Driving Concerns	<b>Opening day of Bow Season. Headlights ON! Seatbelts ON!</b> Narrow, steep, unforgiving native surfaced roads within the fire area. You <b>NEED</b> to slow down and <b>Expect the Unexpected!</b> You <b>MUST drive</b> with caution. Maintain good sight/reaction distance. Expected after Inversion lifts. Preplan! Identify Trigger Points! How long will it take you to get back to your vehicles and exit the area safely? <b>Know your escape routes as the situations change.</b> Keep your eye out for spots from previous shift
All Fires	Increase in Fire Behavior	Ensure secure footing. Keep appropriate work spacing. <b>Focus!</b> Concentrate on foot placement to limit slips, trips and falls. Stay at least 100’ in front and 50’ behind the equipment.
All	Steep Terrain	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.
OAK	Working with Heavy Equipment	<b>Mop-up to the extent necessary to maintain containment.</b> 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.
OAK	Mop-up	<b>Old fire scars. Fire weakened trees, shallow root systems, widow makers. Be aware of bind when cutting jackstrawed timber.</b> Watch out when traveling/working during windy conditions. <b>Limit exposure.</b> Mitigate if safe. Use qualified fallers.
All	Danger Trees within Fire Area & Routes to work areas	Know what it looks like. “Leaves of three, let it be” Change or launder Nomex frequently.
All	Poison Oak Exposure	<b>Ensure proper Personal Hygiene.</b> Seek medical attention as needed.
All	Personal Protective Equipment	<b>ALL</b> Personnel are reminded to wear PPE when in route to and from the fire and within the fires perimeter. <b>Insure PPE is compatible with hazards and risks.</b>
All	Hygiene	<b>Wash Hands prior to eating and after using the toilet facilities.</b> Clean out ice chests with soap, bleach & water.
All	Wildlife	Watch for elk, deer and bears crossing roadways. Numerous sightings. <b>Especially active around Dusk &amp; Dawn.</b> Perform a daily <b>Tick check</b>

Date & Time Prepared: August 20<sup>th</sup>, 2017 @ 2100

Prepared By: Michele Tanzi - SOF1, Robert Hilfer - SOF2(t) Operational Period: August 21, 2017 from 0600 - 2000

CA-KNF-006098 (0505), P5K9QB

**Klamath National Forest**

Northern California Incident Management Team 1



**Today's discussion is from the  
Weather / Fire Behavior Category.**

## **FREQUENT SPOT FIRES ACROSS THE LINE**

There are few watchout situations that state more clearly how much potential your fire has for rapid, uncontrolled growth. Consider the following questions if you are getting spot fires across your line:

- Can you handle increased spotting? List some ways you can keep ahead of spot fires (gridding the green, lookouts, etc.)
- What is your probability of ignition doing? Is it increasing or decreasing?
- Do you have a plan for long-range spotting? In what fuel type and under what conditions will you likely have long-range spotting? What types of plans can you think of for handling long-range spotting?
- Is help available if necessary? What kinds of resources will you have in place or order to handle spot fires?
- If fire behavior increases, is your position still defensible? Discuss what type of action you might take if a spot fire takes off.
- Do you have more than one safety zone in case one gets cut off? Describe how you might have multiple safety zones.
- Do the primary lookouts have a good view of the situation? Discuss who might be acting as a lookout (e.g., crew member, air resources, etc.) and how you will get good information from that person. (Are you relying on an air attack that is busy with air tankers?)
- Where are you in the burning period? Talk about how your tactics may vary from finding spot fires early in the day to later into the evening. Review Probability of Ignition (PIG) and what it can tell you about spotting potential.
- To reduce the risk, be ready to retreat. Keep your guard up even if spotting has not occurred for a few hours. Review fires where you have had frequent spot fires and what you learned about controlling them.

References:

[Fireline Handbook](#)  
[Incident Response Pocket Guide](#)

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**Have an idea? Have feedback? Share it.**

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

[6 Minutes Home](#)





## **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.**



