

# **Orleans Complex - Ukonom Fire**

**Incident Action Plan**

**Sunday, July 30, 2017**

**0600 – 2000**



## **✓ Dehydration Prevention**

- **Drink before, during, and after shift**
- **Consume at least 1qt of liquids per hour**
- **Pace work, rest more often if you can**

## **✓ Temperatures Increasing**

- **Expect increase in Fire Behavior**
- **Monitor personnel for Heat Related injuries**


## **✓ Working around heavy Equipment**

- **Communicate with the operator**
- **Avoid working below equipment**

**CA – SRF– 000741(0510) P5K73417**

**Six Rivers National Forest**

**Northern California Incident Management Team 1**

INCIDENT OBJECTIVES	1. Incident Name Orleans Complex	2. Date 07/29/2017	3. Time 2000
4. Operational Period July 30, 2017 DAY SHIFT			
<p><b><u>CONTROL OBJECTIVES</u></b></p> <p>1) <b>Keep the Ukonom Fire:</b></p> <ul style="list-style-type: none"> <li>• East of the Klamath River to protect private property, infrastructure (Hwy 96), and cultural resources.</li> <li>• South of the District boundary to minimize spread to Klamath National Forest and protect cultural resources.</li> <li>• West of Ukonom Mountain to minimize spread into the Marble Mountain Wilderness and protect cultural resources.</li> <li>• North of Division A dozer line to protect private property and cultural resources.</li> </ul> <p><b><u>MANAGEMENT OBJECTIVES</u></b></p> <p>1) Prior to engagement, stop and discuss strategies and tactics to ensure sound risk management principals are in place to provide for firefighter and public safety.</p> <p>2) All fire suppression operations will be conducted in close coordination with Designated Tribal Representatives and READs.</p> <p>3) Establish and strengthen cooperator, partner, and stakeholder relationships.</p> <p>4) Minimize impacts to cultural resources, infrastructure, and private property inholdings.</p>			
6. Weather Forecast for Period			
<ul style="list-style-type: none"> <li>• See attached weather forecast.</li> </ul>			
7. General Safety Message			
<ul style="list-style-type: none"> <li>• See attached safety messages.</li> </ul>			
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		
1. Incident Name <b>Orleans Complex</b>		
2. Date July 29, 2017		3. Time 2000
4. Operational Period Day Shift, <b>July 30, 2017</b>		
Position	Name	
5. Incident Commander and Staff		
Incident Commander	Curtis Coots, Jaime Gamboa (t)	
Deputy	Paul Bannister	
Safety Officer	Michele Tanzi, Jeff Barnhart	
Information Officer	Barbara Rebiskie, Shawn Compton	
Liaison Officer	Kent Swartzlander	
Human Resources		
6. Agency Representative		
Agency Administrator	Nolan Colegrove	
Karuk Tribal Rep	Earl Crosby	
West Zone READ	Andrew Spain	
Ukonom Fire READ	Corrine Black	
7. Planning Section		
Chief	Walter Herzog	
Deputy	Alan Taylor	
Resources Unit	Rita Mustafia	
Situation Unit	Eric Kronner, Dan Wooden (t)	
Demobilization Unit	Gary Deboi	
Training		
CTSP	George Steel	
GIS	Jim Gonzalez, Elizabeth Hale	
FBAN	Bob Patton	
IMET	Dan Harty	
SCKN	Jennifer Martin (t)	
8. Logistics Section		
Chief	Mike Jellison	
Deputy	Greg Moon, Ken Kumpe	
Supply Unit	David Alicea	
Ordering	Aaron Woods	
Facilities Unit	Jeff Huhtala, Frank DelCarlo	
Ground Support Unit	Kristen Lark, Harry Zabel	
Communications Unit	John Chapman	
Medical Unit	Joshua Ramey	
Receiving & Distribution	Fred Johnson	
Security Manager	Michael Turner	
Food Unit	Jay Westlake	
9. Operations Section		
Operations	Don Fregulia, Mike Klimek (t)	
Planning Ops	Curt Lindstrand, Jeff Dupras (t)	
a. Division/Groups		
<b>East Zone-Ukonom Fire</b>		
Division/Group A	Richard Inghram, Pete English (t)	
Division/Group F	Matthew Prentiss	
Division/Group M	Billy Covert, Tim Ritchey	
Division/Group Z	Jack Sevelson, Leland Ratcliff (t)	
Staging	Curt Lindstrand, Jeff Dupras (t)	
b. Division/Groups		
<b>West Zone</b>		
Division/Group	James Courtwright, Seth Toerpe	
Division/Group		
Division/Group		
Division/Group		
Division/Group		
Division/Group		
Division/Group		
Division/Group		
c. Air Operations Branch		
Air Operations Branch Director	Bruce Wicks	
Air Attack Supervisor	Brian Rodgers	
Air Support Supervisor	Steve Beall, Mike Yearwood (t)	
Helicopter Coordinator		
Air Tanker Coordinator		
10. Finance Section		
Chief	Lois Charlton, Debbie Parlin (t)	
Time Unit	Kris Armstrong (t)	
Equipment Unit	Larry Ames	
Cost Unit	Lou Ann Charbonnier (t)	
Compensation/Claims Unit	Debbie McIntosh	
Procurement		
Prepared by (Resource Unit Leader) Gary R. Deboi		

<b>DIVISION ASSIGNMENT LIST</b>		1. Branch	2. Division/Group <b>UKONOM FIRE A</b>				
3. Incident Name <b>ORLEANS COMPLEX EAST ZONE</b>		4. Operational Period <b>DAY OPERATIONS</b> Date: 07/30/2017 Time: 0600-2000					
5. Operations Personnel							
Operations Chief	DON FREGULIA, MIKE KLIMEK (T)		Division/Group Supervisor	RICHARD INGRAM, PETE ENGLISH (T)			
Planning Ops	CURT LINDSTRAND, JEFF DUPRAS (T)		Air Support	BRUCE WICKS			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
HC1 TRUCKEE IHC	BOBBY HUBBY		20	N	0700	1900	
HC1 FEATHER RIVER IHC C-6	LELAND RATCLIFF		19	N	0700	1900	
HC1 SMITH RIVER IHC C-4	JERIMIAH MENDEZ		20	N	0700	1900	
HC2IA FISH LAKE	RICHARD NIELSON		20	N	0700	1900	
S/T ENG 6605C E-45	DANIEL DIAZ, JOHN FAKEHANY (T)		27	N	0700	1900	
S/T ENG 3675C E-71			27	N	0700	1900	
CHIP ZEBBS TREE SERVICE E-19	LEAF QUINN		1	N	0700	1900	
FALM FULL CIRCLE O-30	DAVE KAHAN		2	N	0700	1900	
FALM NORTH ZONE O-31	LEVI BROWN, ERIC BROWN		2	N	0700	1900	
TFLD O-146	MEREDITH CHILDS		1	N	0700	1900	
TFLD	BRYAN LANNING (T)		1	N	0700	1900	
TFLD O-43	COLTEN MOOR		1	N	0700	1900	
EMT O-48	DANIEL LASSOTTA		1	N	0700	1900	
PARAMEDIC O-139	STEVE MARLOCK		1	N	0700	1900	
SOFR O-95	STEVE FEMMEL		1	N	0700	1900	
WT2 DARAH E-56			1	N	0700	1900	
WT2 DARAH E-57			1	N	0700	1900	
WT2 DARAH E-75			1	N	0700	1900	
WT2 DARAH E-73			1	N	0700	1900	
7. Control Operations Prepare indirect line for firing operations. Assess structure protection needs. Mitigate hazard trees.							
8. Special Instructions Consult with READ/Tribal Consultant for any new line construction. Stay within existing dozer line footprint.							
9. Division/Group Communication Summary							
Function	Frequency	Tone	Channel	Function	Frequency	Tone	Channel
Command 7	RX 166.6125 TX 168.4000	136.5	7	TAC 1	RX 168.0500 TX 168.0500	136.5	1
A/G CMD	RX 169.2000 TX 169.2000	none	13				
Prepared by (Resource Unit Leader) Rita Mustatia			Approved by (Planning Section Chief)		Date 7/29/2017	Time 2130	



<b>DIVISION ASSIGNMENT LIST</b>			1. Branch		2. Division/Group <b>UKONOM FIRE M</b>			
3. Incident Name <b>ORLEANS COMPLEX EAST ZONE</b>			4. Operational Period <b>DAY OPERATIONS</b> Date: 07/30/2017 Time: 0600-2000					
5. Operations Personnel								
Operations Chief		DON FREGULIA, MIKE KLIMEK (T)		Division/Group Supervisor		BILLY COVERT, TIM RITCHEY		
Planning Ops		CURT LINDSTRAND, JEFF DUPRAS (T)		Air Support		BRUCE WICKS		
6. Resources Assigned this Period								
Strike Team/Task Force/ Resource Designator		Leader		Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
HC2 FORTUNA 22 C-12		NORMAN GOODWIN			20	N	0700	1900
DOZ IAQUA CONST E-5 W/TRANS		JAKE MOORE			1	N	0700	1900
DOZ MOBLEY E-11 W/TRANS					1	N	0700	1900
DOZ BEN'S E-51 W/TRANS					1	N	0700	1900
MAST NORTH STATE E-13 W/TRANS		HOYT BAKER			2	N	0700	1900
MAST ALLEN'S E-14 W/TRANS		JOHN ALLEN			2	N	0700	1900
CHIP FIRESTORM E-21		KYLE VOTH			1	N	0700	1900
HEQB O-145		BRUCE ROBISON			1	N	0700	1900
HEQB		TBA			1	N	0700	1900
TFLD O-42		HOWARD ODEN			1	N	0700	1900
EMT O-141		CHARLES MCGRAY			1	N	0700	1900
PARAMEDIC O-54		CHRIS RENSHAW			1	N	0700	1900
7. Control Operations Continue assessing opportunities for indirect line. Construct indirect fire line as directed by DIVS.								
8. Special Instructions Consult with READ/Tribal Consultant for any new line construction. Stay within existing dozer line footprint.								
9. Division/Group Communication Summary								
Function	Frequency	Tone	Channel	Function	Frequency	TONE	Channel	
Command 7	RX 166.6125 TX 168.4000	136.5	7	TAC 3	RX 168.6000 TX 168.6000	136.5	3	
A/G CMD	RX 169.2000 TX 169.2000	none	13					
Prepared by (Resource Unit Leader) Rita Mustatia			Approved by (Planning Section Chief)			Date 7/28/2016	Time 2140	

<b>DIVISION ASSIGNMENT LIST</b>			1. Branch		2. Division/Group <b>UKONOM FIRE Z</b>			
3. Incident Name <b>ORLEANS COMPLEX EAST ZONE</b>			4. Operational Period <b>DAY OPERATIONS</b> Date: 07/30/2017 Time: 0600-2000					
5. Operations Personnel								
Operations Chief		DON FREGULIA, MIKE KLIMEK (T)			Division/Group Supervisor	JACK SEVELSON, LELAND RATCLIFF (T)		
Planning Ops		CURT LINDSTRAND, JEFF DUPRAS (T)			Air Support	BRUCE WICKS		
6. Resources Assigned this Period								
Strike Team/Task Force/ Resource Designator		Leader		Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
HC1 UKONOM IHC C-5		NATE NELMS			20	N	0700	1900
HC2IA VENTANA		TOM PLYMALE			19	N	0700	1900
HC2IA TUOLOMNE		MIKE LANIER			20	N	0700	1900
HC2 O-138		HIA CREW 1			11	N	0700	1900
DOZ DARRAH E-6 W/TRAN		KEITH DARRAH			2	N	0700	1900
DOZ DARRAH E-7 W/TRAN		GARY QUINOVES			2	N	0700	1900
DOZ LONESTAR E-4 W/TRAN		JULIO COTA			1	N	0700	1900
DOZ PETER'S E-52 W/TRAN					1	N	0700	1900
CHIP WELL EQUIPPED E-20		RON ADKINS			2	N	0700	1900
CHIP CUTWRIGHT E-22		TIM WRIGHT			2	N	0700	1900
FALM		TBA			2	N	0700	1900
HEQB O-16		SCOTT FLYNN			1	N	0700	1900
HEQB		ZACH LIKINS			1	N	0700	1900
HEQB (t) O-59		DANIEL MAGUIRE			1	N	0700	1900
EMT O-47		KERRICK SOLLENSES			1	N	0700	1900
PARAMEDIC O-53		JOHN BISHOFF			1	N	0700	1900
SOFR O-52		GARY KEMP			1	N	0700	1900
7. Control Operations Assess opportunities for indirect line. Continue prepping 13N08 Road								
8. Special Instructions Consult with READ/Tribal Consultant for any new line construction. Stay within existing dozer line footprint.								
9. Division/Group Communication Summary								
Function	Frequency	Tone	Channel	Function	Frequency	Tone	Channel	
Command 7	RX 166.6125 TX 168.4000	136.5	7	TAC 5	RX 166.7250 TX 166.7250	136.5	4	
A/G CMD	RX 169.2000 TX 169.2000	none	13					
Prepared by (Resource Unit Leader) Rita Mustatia			Approved by (Planning Section Chief)			Date 7/29/2017	Time 2115	





<b>DIVISION ASSIGNMENT LIST</b>			1. Branch		2. Division/Group <b>WEST ZONE</b>		
3. Incident Name <b>ORLEANS COMPLEX WEST ZONE</b>			4. Operational Period <b>DAY OPERATIONS</b> Date: 07/30/2017 Time: 0600-2000				
5. Operations Personnel							
Operations Chief				Division/Group Supervisor		<b>JAMES COURTRIGHT, SETH TOERPE(T)</b>	
Planning Ops				Air Support		<b>BRUCE WICKS</b>	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader		Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time
KARUK HC2IA C-10		TAYLOR SUPER			20	N	0700
SUMMIT WFM1 O-18		ALEX MIYAGISHIMA			9	N	0700
TFLD		BILLY MCCALL			1	N	0700
TFLD(T)		JAMESON COLLINS			1	N	0700
HERITAGE CONSULTANT O-1		HERMAN ALBERS			1	N	0700
READ O-2		FRANK LAKE			1	N	0700
READ O-38		ANDREW SPAIN			1	N	0700
READ O-2		FRANK LAKE			1	N	0700
REAF O-88		LEE MORGAN			1	N	0700
READ O-89		TODD JOHNSON			1	N	0700
FEMO O-90		TRISTAN KIEHL			1	N	0700
SOPL O-76		MIKE BEASLEY			1	N	0700
FEMT		BRENT WEBER			1	N	0700
EMPF		RON SANDLER			1	N	0700
7. Control Operations Scout and open Roads. Utilize helicopter bucket drops on the Dillion fire to limit fire spread as needed. Brush out the East Fork of the Blue Trail from the 14N02 road trailhead to the Wilderness boundary.							
8. Special Instructions Coordinate and communicate efforts with the assigned READ and Designated Tribal Representative. Establish fuel sampling and weather monitoring locations. Turn in 214 Unit Logs Daily.							
9. Division/Group Communication Summary							
Function	Frequency	Tone	Channel	Function	Frequency	Tone	Channel
Command 7	RX 166.6125 TX 168.4000	136.5	7	TAC 6	RX 166.7750 TX 166.7750	136.5	5
A/G CMD	RX 169.2000 TX 169.2000	none	13				
Prepared by <b>Seth Toerpe / Rita Mustatia</b>			Approved by (Planning Section Chief)			Date <b>7/29/2017</b>	Time <b>2045</b>



# INCIDENT Weather Forecast



FORECAST NO: 2

NAME OF FIRE: Ukonom Fire

PREDICTION FOR: Sunday

UNIT: SRF

SHIFT DATE: 7/30/17  
0600 - 2000 PDT

SIGNED: Dan Harty *Dan Harty*

Incident Meteorologist

TIME AND DATE  
FORECAST ISSUED: 1900 PDT, 7/29/17

**WEATHER DISCUSSION:** Strong high pressure will continue to build over northern California bringing further warming and lower relative humidity. Temperatures will climb well into the triple digits across much of the fire area with upper 90s over the ridges. An Excessive Heat Watch has been issued by the National Weather Service from Monday through Wednesday. Some lower elevations may reach 110 degrees, mainly Tuesday and possibly Wednesday. Winds will continue to be terrain influenced with calm to light winds in the mornings under the inversion. Southerly upvalley winds may become gusty at times in the afternoons along the Klamath River. There is a slight chance for thunderstorms later next week as a weak disturbance moves up the coast along with some monsoonal moisture.

**WEATHER FORECAST for SUNDAY:**

**WEATHER:** Sunny and Very Hot. Areas of smoke.

**MAX TEMPERATURES:** 94-104°

**MIN HUMIDITY:** 12 to 19%

**20 FOOT WINDS:**

**SLOPE/VALLEY -** Calm to light winds in the morning. Becoming upslope/upvalley 3-7 mph in the afternoon with southerly gusts to around 20 mph possible along the Klamath River Valley.

**RIDGETOP -** Northeast 4-8 mph with gusts to around 15 mph possible in the morning.

**FORECAST for SUNDAY NIGHT:** Areas of smoke...otherwise clear. Minimum temperatures 63-69°. Maximum relative humidity recovery 35-55%. Upslope/upvalley 4-7 mph with gusts up to 18 mph in the evening becoming downslope 2-5 mph around 2100 pdt. Ridge winds northeast 3-7 mph with gusts to 15 mph possible late night into early Monday morning.

**OUTLOOK for MONDAY and TUESDAY:** Very Hot. Sunny with areas of smoke. High temperatures increasing to 98-108 Monday and possibly up to 110 on Tuesday. Lows 67-73. Relative humidity 10-18% in the afternoon with overnight recovery of 30-40% mid slope and ridges (higher in the valleys). Winds generally terrain driven 4-8 mph with upvalley gusts to around 20 mph along the Klamath River Valley in the afternoon and early evening. Ridge winds northeasterly 4-7 mph with gusts around 15 mph possible.

## FIRE BEHAVIOR FORECAST

<b>FORECAST NUMBER 3</b>	<b>TYPE OF FIRE: Wildland Fire</b>
<b>FIRE NAME: East Zone Ukonom</b>	<b>OPERATIONAL PERIOD: Day shift July 30, 2017</b>
<b>DATE ISSUED: July 29, 2017</b>	<b>TIME ISSUED: 1900</b>
<b>UNIT: Six Rivers NF</b>	<b>SIGNED: Bob Patton</b> <b>FBAN</b> <i>[Signature]</i>

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

**Max Temp:** 94-104

**Min RH:** 12-19%

**Winds:** 20'

Slope/valley: Calm to light in the morning becoming upslope/upvalley 3-7 mph in the afternoon with gusts to 20 mph in the Klamath River drainage.

Ridgetop winds: Northeast 4-8 mph with gusts to 15 possible in the morning.

### GENERAL

The fire is burning in a 2008 fire scar with fuels consisting of brush up to 10'; snags; heavy dead and down; grass; short needle timber litter; tan oak; and timber overstory in the drainages.

Live fuel moisture in brush around 140%. We should be getting more current measurements soon.

ERC's are around the 86<sup>th</sup> percentile

Probability of ignition 60-90% depending on aspect and shading

### SPECIFIC FIRE BEHAVIOR

Fire behavior in the morning and early afternoon under the inversion should be minimal with slow backing and slow forward rate of spread until the smoke lifts out. Yesterday it moved out at around 1100 and 10' flame lengths were observed by fireline personnel. Today with general light terrain winds the smoke could remain over the fire into the early afternoon as it did two days ago. With low overnight humidity recoveries that are forecasted the fire activity could remain active until the early morning in the thermal belts and ridgetops. Fire growth has been perpetuated by rolling material on steep slopes igniting fuel and jackpots of heavy fuel below, spotting into snags, and making short runs through the brush.

**Division A and Z:** Fire will continue moving south and southeast towards Ukonom Lookout at about 1-6 ch/hr.

**Division F and M:** Fire will continue backing down towards the Klamath River and the Hwy. 96 corridor and into Ukonom Creek.

General rate of spread around the perimeter could be 1-6 ch/hr with 1-10' flame lengths. Growth could increase around the entire perimeter.

### AIR OPERATIONS

Smoke inversion could hamper air operations throughout the shift

### SAFETY

Maintain situational awareness when engaged in suppression activities in the smoke. Watch for indicators of smoke lifting and sudden increase in fire behavior.

<b>INCIDENT RADIO COMMUNICATIONS PLAN</b>		1. Incident Name <b>Orleans Complex-Ukonom</b>	2. Date/ Time Prepared 7/29/2017 1800	3. Operational Period Date/Time 7/30/2017 0600 - 2000
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4. Basic Radio Channel Utilization

Radio Type/Cache	Channel	Function	Frequency/Tone	Mode	Assignment	Remarks
King NIFC	1	TAC 1	RX 168.0500 TX 168.0500	Narrow	DIV A	UKONOM FIRE
King NIFC	2	TAC 2	RX 168.2000 TX 168.2000	Narrow	DIV F	UKONOM FIRE
King NIFC	3	TAC 3	RX 168.6000 TX 168.6000	Narrow	DIV M	UKONOM FIRE
King NIFC	4	TAC 5	RX 166.7250 TX 166.7250	Narrow	DIV Z	UKONOM FIRE
King NIFC	5	TAC 6	RX 166.7750 TX 166.7750	Narrow	WEST ZONE	
King NIFC	6	TAC 7	RX 168.2500 TX 168.2500	Narrow	RESERVED	RESERVED
King NIFC	7	CMD 7	RX 166.6125 TX 168.4000	Narrow	UKONOM FIRE	ALL DIVISIONS
King NIFC	8	CMD 8	FUTURE	Narrow	FUTURE	FUTURE
King NIFC	9	CMD 9	FUTURE	Narrow	FUTURE	FUTURE
King NIFC	10	SRF UKNO	RX 172.3750 TX 164.1750	Narrow	FOREST REPEATER	SIX RIVERS UKONOM
King NIFC	11	SRF ORLE	RX 170.4750 TX 165.7500	Narrow	FOREST REPEATER	SIX RIVERS ORLEANS
King NIFC	12	KNF UKNO	RX 171.5250 TX 165.4125	Narrow	FOREST REPEATER	KLAMATH UKONOM
King NIFC	13	A/G CMD	RX 169.2000 TX 169.2000	Narrow	A/G PRIMARY	
King NIFC	14	A/G TAC	RX 167.0625 TX 167.0625	Narrow	A/G SECONDARY	
King NIFC	15	CALCORD	RX 156.0750 TX 156.0750	Narrow	CALCORD	
King NIFC	16	AIR GUARD	RX 168.6250 TX 168.6250	Narrow	ALL DIVISIONS	AIR EMERGENCY ONLY

5. Prepared by (Communications Unit) *John Chapman* COWM **NOTE:** Make Sure Squelch Knob is turned all the way to the left so it clicks. This is to activate the RX Tone Guard.  
**ICS 205** Controlled Unclassified Information//Basic **NFES 1330**

# AIR OPERATIONS SUMMARY

Prepared By: Bruce Wicks

Prepared Date: 29 July 2017

Prepared Time: 1935

<b>1. INCIDENT NAME:</b> Orleans Complex		<b>2. OPS PERIOD DATE:</b> 30 July-2017		<b>START TIME:</b> 0800	<b>END TIME:</b> 2100	<b>SUNRISE:</b> 0604	<b>SUNSET:</b> 2031
<b>3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.):</b> MONITOR AIR TO GROUND FREQ WHEN AIRCRAFT ARE IN YOUR DIVISION. SITUATIONAL AWARENESS IS HIGH PRIORITY ALONG WITH BUCKET WORK! FLY WITH LIGHTS AND TRANSDPONDER ON (1255) <i>Watch out for high tension wires</i>							
<b>4. READY ALERT AIRCRAFT</b>				<b>5. TFR #:</b> 7/8888			
MEDEVAC - See Medical Plan				Altitude- 11,500 msl			

6. PERSONNEL	NAME	PHONE #	7. FREQUENCIES	AM	FM	8. FIXED-WING- Type/ Make-Model/ N#/ Base
AOBD	Bruce Wicks	530-906-2224	AIR/ AIR F/W Air To Air R/W Orleans Air to Air R/W Clear	126.1250 118.0750 134.5750		AIRTANKERS- TBA
ATGS(t)	Mike Yearwood	530-575-8169	AIR Tactics F/W		168.5000	LEAD PLANES- TBA
ASGS	Steve Beall	530-598-6755	AIR/GD Command		169.2000	ATGS AIRCRAFT-
ATGS/Helco	Brian Rodgers	530-521-1843	AIR/GD Tactical			A-06 - ATGS - Rodgers/ Brewster A-57
ATGS	Fred Brewster	530-260-8841	Orleans Complex Clear Creek		167.0625 170.000	8CE - ATGS - Bagwell/Thornton KNF
ATGS	Tom Bagwell	530-598-0821				
ATGS	Paul Thornton	530-524-9527				
Helco	Bill Lambert S.V.	530-598-4128	CMD Primary (CMD 7)		166.6125 rx 168.400 tx Tone 136.5	
HEB1	Tyler Detrick S.V.	530-925-9668	DECK		163.100	
HEB2	Jim Gould H.C.	530-493-1755				
Air Ops Trailer ICP		1-619-359-3344	Air Guard		168.6250 (110.9)tx/rx	OTHER FW AIRCRAFT-

9. HELICOPTERS (Use Additional Sheets as Necessary)

FAA N#	TY	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	FAA N#	T Y	MAKE/ MODEL	BASE	AVAI L	START	REMARKS
626	1	S-61	Scott Vly	0830	0800	CWN A-48	H-502	2	B-205 ++	Scott Vly	0830	0800	EXC KNF
917	1	S-61	Scott Vly	0830	0800	CWN A-13	8MB	3	A-Star	Scott Vly	0830	0800	EXC A-23
6HT	1	S-64	Scott Vly	0830	0800	EXC A-47	6TA	3	Bell 407	Scott Vly	0830	0800	CWN A -53
25M	1	S-64	Scott Vly	0830	0800	EXC A-38	H-503	3	Bell 407	Happy Camp	0830	0800	EXC KNF
XFT	1	Kmax	Scott Vly	0830	0800	EXC A-14	H-407	2	Bell UH-1H	Scott Vly	0830	0800	EXC A-54 Hoist
4TH	1	Kmax	Happy Camp	0830	0800	EXC KNF							
H-506	2	B-205 ++	Scott Vly	0830	0800	EXC A-6							

Note: All the above fixed-wing and rotor-wing aircraft are being shared between the Orleans Complex and the Clear Creek Incidents.

10. TASK/ MISSION/ ASSIGNMENT (Type/ function includes: Air Tactical, Retardant, Recon, Personnel Transport, Bucket Operations, SAR, etc.)	NAME OF PERSONNEL OR CARGO (If applicable) or instructions for tactical aircraft	MISSION START	FLY FROM	FLY TO
Bucket Support	Bucket support as requested by Operations	As requested	Scott Vly	Fire
PAX/Cargo	Helicopter best suited to request	As requested	Orleans ICP Helispot	Fire
MEDIVAC	Request thru ICP Communications & MEDL on Command Repeater. Give location, lat/long if known./refer to Medical Plan / IAP	As requested	As directed	As directed
Recon / Mapping	Request thru Operations as needed	As requested	Scott Vly	Fire
Initial Attack Assistance	Support I.A.as requested by Operations/Forests	As requested	Scott Vly /Happy Camp	As directed

# MEDICAL PLAN (ICS 206 WF)

1. Incident/Project Name		2. Operational Period			
<b>Orleans Complex</b>		Date/Time 7/30/17 0600-2000			
3. Ambulance Services					
Name	Location	Phone & EMS Frequency	Advanced Life Support (ALS) Yes No		
Mountain Medics – Incident Ambulance	Ti-Bar Fire Station - Day, ICP - Night	Contact on Command	X		
Hoopa Ambulance	1200 Airport Rd. Hoopa, CA	911 or 530-625-4180	X		
Happy Camp Ambulance	Happy Camp, CA	911 or 530-842-7066	X		
4. Air Ambulance Services (COORDINATE with AIR AMBULANCES on CALCORD tone 6)					
Name	Phone	Type of Aircraft & Capability			
Kern H-407      20 min eta	Day - 530-468-1294 (Helibase) Night – 707-726-1266 (FICC)	Hoist Rescue – Scott Valley, CA Day/Night			
Reach / PHI      50 min eta	911 or 707-726-1266 (FICC)	Air Ambulance – Redding, CA Day/Night			
Calfire H-102      15 min eta	911 or 707-726-1266 (FICC)	Hoist Rescue– Kneeland, CA			
Coast Guard      Up to 1:15 hr eta	911 or 707-726-1266 (FICC)	Hoist Rescue – Eureka, CA Day/Night			
5. Hospitals					
Name & Level	GPS Datum – WGS 84 Degrees Decimal Minutes	Travel Time Air    Gnd	Phone	Helipad Yes No	Address
St. Joseph Hospital	Lat: N40°47.02	30 min    2 hrs	707-445-8121 or 707-442-8646	X	2700 Dolbeer, Eureka, CA
	Long: W124°08.48				
	VHF:				
Mad River Hospital	Lat: N40°53.45	25 min    2 hrs	707-822-3621	X	3800 Janes Rd. Arcata, CA
	Long: W124°05.25				
	VHF:				
Shasta Regional Medical Center	Lat: N40°35.08	55 min    3 hrs	530-244-5353	X	1100 Butte, Redding, CA
	Long: W122°23.25				
	VHF:				
UC Davis Level I Trauma/Burn Center	Lat: N38°33.17	1.5 hrs    6 hrs	916-734-3636 916-734-3790	X	2315 Stockton Blvd. Sacramento, CA
	Long: W121°27.05				
	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					
<b>Medical Unit– ICP Orleans</b> N41°18.518 W123°31.511	Point of Contact:		MEDL – Josh Ramey 619-363-8225 or 530-277-1213		
	EMS Responders & Capability:		Mountain Medical – Advanced Life Support		
	Equipment Available on Site:		Medical supplies		
	Ambulance ETA :		Air – 55 min.    Ground – 35 min.		
8. Prepared By (Medical Unit Leader)		9. Date/Time	10. Reviewed By (Safety Officer)		11. Date/Time
Josh Ramey – 619-363-8225 or 530-277-1213		7/29/17 1930	Michele Tanzi		7/29/17 1930

# 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> <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 <b>IMMEDIATE.</b>
<input type="checkbox"/> <b>PRIORITY-YELLOW</b> <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 <b>DELAYED.</b>
<input type="checkbox"/> <b>ROUTINE-GREEN</b> <i>Not a life threatening injury or illness. Ex: Sprains, strains, minor heat-related illness.</i>	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
- Act according to your level of training
- 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.



## Orleans Complex - Ukonom Fire - Incident Risk Analysis (215a)

Div.	LCES Analysis of Tactical Applications (Hazardous Actions or Conditions)	LCES Mitigations/Warnings/Remedies
All	Extreme Driving Concerns	<p><b>Severe road damage on 96 north of Somes Bar (Buckling &amp; undulations) to Ti-Bar Rd. You MUST with caution.</b></p> <p>Be aware of fire activity on the 13N02 road</p> <p><b>Ti-Bar road has buckling and undulations. Keep speeds slow!</b></p> <p>Maintain good sight/reaction distance.</p> <p><b>Headlights ON! Seatbelts ON! Expect the Unexpected!</b></p>
All Personnel Includes ICP	Heat Related Illness/Injuries	<p><b>STAY HYDRATED before, during and after shift.</b></p> <p>Drink 3 waters to one electrolyte replacement drink. Consume one liter of fluid per hour during arduous activities. Do not dilute electrolyte drinks. They are meant to be consumed as is for best utilization by your body. Limit caffeine loaded drinks.</p> <p><b>Pre-Plan the needs of your crews. Stage water and Electrolyte drinks along your work area.</b></p>
All	Fire Behavior	<p><b>Increase in Fire Behavior between 1700 and 2300 hours.</b></p> <p>Numerous dead and downed timber due to last winter's snowpack.</p> <p><b>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.</b></p>
All	Steep Terrain	<p><b>Ensure secure footing. Keep appropriate work spacing. Focus!</b></p>
Div A, M, Z	Working with Heavy Equipment	<p><b>Stay at least 100' in front and 50' behind the equipment.</b></p> <p>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>
All	Difficult terrain and conditions for providing for emergency medical needs.	<p><b>Review Med Plan before the need arises. Limit high risk activities. Have a backup plan AND don't depend solely on air resources. Practice the "What if" scenarios.</b></p>
All	Danger Trees in Fire Area	<p><b>2008 fire scar, 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.</b></p>
All	Poison Oak Exposure	<p><b>Know what it looks like. "Leaves of three, let it be"</b></p> <p>Change or launder Nomex frequently.</p> <p><b>Ensure proper Personal Hygiene</b></p>
All	Personal Protective Equipment	<p><b>Personnel are reminded to wear ALL PPE when in the fires perimeter. Insure PPE is compatible with hazards and risks.</b></p>
All	Hygiene	<p><b>Wash Hands prior to eating and after using the toilet facilities. Clean out ice chests with soap, bleach &amp; water.</b></p>
All	Wildlife	<p><b>Watch for elk, deer and bears crossing roadways. Numerous sightings. Especially active around Dusk &amp; Dawn</b></p>

Date & Time Prepared: July 29, 2017 @ 2100

Operational Period: July 30, 2017 from 0600 - 2000

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

**CA-SRF-000741 (0510), P5K73417**

**Six Rivers National Forest**

Northern California Incident Management Team 1



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

## HYDRATION

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

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

### References:

-Interagency Standards for Fire and Fire Aviation Operations

-Fitness and Work Capacity--Second Edition

- Wildland Firefighter Health and Safety: Recommendations of the April 1999 Conference, Death from Hyponatremia as a Result of Acute Water Intoxication in an Army Basic Trainee, T. Garigan and D. Ristedt

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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

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:		



