

# MINERVA 5 FIRE



DAY SHIFT 0600 – 1800

AUGUST 3, 2017

CA-PNF-001043

P5K8GR (0511)



Minerva 5 CA-PNF-001043



## INCIDENT OBJECTIVES (ICS 202)

<b>1. Incident Name:</b>		<b>2. Operational Period:</b> DAY	
MINERVA 5		Date/Time From: 08/03/2017 0600 THU	Date/Time To: 08/03/2017 1800 THU
<b>3. Objective(s):</b> <ul style="list-style-type: none"> <li>• Ensure firefighter and public safety by using strategies and tactics that mitigate known and anticipated hazards while providing for the highest probability of success</li> <li>• Provide accurate and timely fire information through interagency and public coordination</li> <li>• Protect cultural values and natural resources in the fire area</li> <li>• In order to minimize the threat to the community of Quincy, it's infrastructure, critical assets, and community watershed keep the Minerva Fire:               <ul style="list-style-type: none"> <li>• South and East of Forest Road 24N20</li> <li>• West of Forest Road 24N73</li> <li>• North of Forest Road 24N26</li> </ul> </li> </ul>			
<b>4. Operational Period Command Emphasis:</b>			
<b>General Situational Awareness:</b>			
<b>5. Site Safety Plan Required?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
<b>Approved Site Safety Plan(s) Located at:</b>			
<b>6. Incident Action Plan</b> (the items checked below are included in this Incident Action Plan):			
<input checked="" type="checkbox"/> ICS 202 <input checked="" type="checkbox"/> ICS 203 <input checked="" type="checkbox"/> ICS 204 <input checked="" type="checkbox"/> ICS 205 <input type="checkbox"/> ICS 205A <input checked="" type="checkbox"/> ICS 206	<input type="checkbox"/> ICS 207 <input type="checkbox"/> ICS 208 <input checked="" type="checkbox"/> ICS 220 <input checked="" type="checkbox"/> Map/Chart <input checked="" type="checkbox"/> Weather Forecast/Tides/Currents	<b>Other Attachments:</b> <input checked="" type="checkbox"/> TRAINING MESSAGE _____ <input checked="" type="checkbox"/> 215A _____ <input checked="" type="checkbox"/> 214 _____ <input type="checkbox"/> _____	
<b>7. Prepared by:</b> COLSON / MARTIN      Position/Title: PSC2		<b>Signature:</b> <i>Archie Colson</i>	
<b>8. Approved by Incident Commander:</b>		<b>Signature:</b> <i>John Griffin (T)</i>	
<b>ICS 202</b>		<b>Date/Time:</b> 08/02/2017 2100	

## ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name:		2. Operational Period: DAY	
MINERVA 5		Date/Time From: 08/03/2017 0600	Date/Time To: 08/03/2017 1800
		THU	THU
3. Incident Commander(s) and Command Staff:		6. Logistics Section:	
INCIDENT COMMANDER	DERON MILLS STEVEN GRIFFIN (T)	CHIEF	AARON DUNCAN MARK RATEKIN (T)
DEPUTY	MICHAEL STRAWHUN	DEPUTY	RANDY JACKSON
SAFETY OFFICER	ROLAND GARCIA GREG MARFIL (T)	SUPPLY UNIT	DAVID GERSTUNG
INFORMATION OFFICER	MICHELLE CARBONARO/CHERYL CHIPMAN BRENDAN HALLE (T)	FACILITIES UNIT	MATT WIGGINS TIM CRISP (T)
LIAISON OFFICER	DAVID COOPER ALLEN JOHNSON	GROUND SUPPORT UNIT	VERN SMITH LARRY AMERJAN
		COMMUNICATIONS UNIT	JOSEPH MEHCIZ TROY VAUGHN (T)
		MEDICAL UNIT	KEVIN ALBERTSON DEVIN LAWRENCE
		SECURITY UNIT	FERNANDO GOMEZ MATTHEW WILKEN
		FOOD UNIT	MIKE CHAPMAN
4. Agency/Organization Representative(s):		7. Operations Section:	
Agency/Organization	Name	OPS SECTION CHIEF	JEFFREY HINSON
USFS PNF AA	DANIEL LAVATO	NIGHT OPS	STEVE WATKINS
CAL FIRE LMU AA	LANE CALDWELL	PLANNING OPS	CLINT GOULD LUIS GOMEZ (T)
PLUMAS SHERIFF	NICK DAWSON	STAGING AREA	PATRICIA JOHNSON
QUINCY PFD	ROBBIE CASSOU		
CHESTER FPD	JOE WATERMAN	DIVISION/GROUP	A JOSH GOLDSTEIN
CAL OES	KEN HOOD	DIVISION/GROUP	D NATE LEISING DAVID ERNST (T)
CDCR	TAMMY MAINE	DIVISION/GROUP	M ADAM SANDERS CHRIS AHLNUND (T)
PACIFIC GAS & ELECTRIC	ROB CONE	DIVISION/GROUP	N TODD MCNEAL GEORGE BROWN
5. Planning Section:		DIVISION/GROUP	O BROOKE NUNEZ STEVE GONZALEZ (T)
CHIEF	ARTIE COLSON	DIVISION/GROUP	Z JASON WINGARD GUY WHISENHUNT (T)
DEPUTY	DAVE MARTIN	7b. Air Operations Branch:	
RESOURCES UNIT	DEREK PARKER	AIR OPS BRANCH DIRECTOR	ROBERT DELMAS KERRY KOSKELA
SITUATION UNIT	MARK LEMON; ROBERT VERDIE DEREK PARKER (T)	AIR SUPPORT SUPERVISOR	ROBERT REECE
DEMOBILIZATION UNIT	JULIE ROBERTS	8. Finance/Administration Section:	
FIRE BEHAVIOR ANALYST	TARO PUSINA	CHIEF	JOAN DISNEY
TRAINING SPECIALIST	DEREK PARKER	TIME UNIT	TIFFANIE SACHE-SANITI
GIS SPECIALIST	LARRY VREDEBURGH DIANE SAVIN-DUKLETH	COMPENSATION UNIT	BENJAMIN CAZIER
TECHNOLOGY SUPPORT SPECIALIST	RON WATSON		
INCIDENT METEOROLOGIST	JASON CLAPP		
RESOURCE ADVISOR	MIGUEL JEFFREY		
9. Prepared By: Name: DEREK PARKER		Position/Title: RESL	Signature: 
ICS 203	IAP Page	Date/Time: 08/02/2017 2050	



# Minerva 5 Incident Weather Forecast



FORECAST NO: 6

NAME OF FIRE: Minerva 5

PREDICTION FOR: 0600 - 1800  
SHIFT DATE: Thursday, Aug 3, 2017

UNIT: CA-PNF  
SIGNED: Jason Clapp

TIME AND DATE  
FORECAST ISSUED: 2100 Wednesday 8/2/17

*Jason Clapp*  
Incident Meteorologist  
Jason Clapp – 240-778-5296 (call/txt)

### Weather Discussion:

Today may continue with cumulus buildups over area with chance of isolated thunderstorms mainly to the east...**main concern would be erratic outflow winds.** Good vertical mixing this week due to instability will aid column development.

### WEATHER FORECAST for Today (Thursday): 10% chance of isolated TS – Erratic Outflows

	Ridgetops / Upper Slope (6K ft)	Valleys / Lower Slopes (4K ft)
Weather	Partly cloudy with isolated afternoon thunderstorms, mainly to east and moving slowly NE.	
Highs	85 – 88 ( <i>down 1 – 2</i> )	90 – 93 ( <i>down 1 – 2</i> )
Min RH	26 – 30% ( <i>up 2– 4%</i> )	20 – 24% ( <i>up 1 – 3%</i> )
20 ft Winds	NNE 4 mph gusting to 8 mph. After 1300, SW 8-12 mph G15-20 mph	Light upslope. After 1100, up canyon/cross-slope 4-5 mph G8 mph

Inversion: Lifting around 1200-1300

### WEATHER FORECAST for Tonight:

	Ridgetops / Upper Slope (6K ft)	Valleys / Lower Slopes (4K ft)
Weather	Cumulus buildups weakening after 1800 with smoke settling toward Quincy	
Lows	68 – 72 ( <i>little change</i> )	62 – 66 ( <i>little change</i> )
Max RH	45 – 50% ( <i>little change</i> )	60 – 65% ( <i>little change</i> )
20 ft Winds	SW 5 mph gusting to 9 mph After 2000, N 5-7 gusting to 12 mph	Becoming light downslope After 2100, downcanyon 3-4 mph with gusts 8 mph

Thermal Belts: 35 – 40%

Inversion: Setting up after 2100-2200

### OUTLOOK for Friday: 10% chance of isolated TS – Erratic Outflows

Weather	Partly cloudy with afternoon thunderstorms	
Highs/Lows	Ridges: 81 – 84...Valleys: 87 – 90	Lows 63 – 72
Min/Max RH	Min: 20– 28%	Max: 50-65%...40-45% thermal belts
20 ft Winds	Upslope winds 3-5 mph becoming up/cross canyon 4-5 mph with afternoon gusts 8 mph. DIV A/Z ridge winds: N 4 G8 mph shifting 0900 SW 5-9 mph afternoon G15 mph.	

Inversion: Lifting by 1200

### Weather Forecasts



# FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 7	TYPE OF FIRE: Wildfire
FIRE NAME: Minerva 5	OPERATIONAL PERIOD: Day 0600 - 1800 , Aug. 3, 2017
DATE ISSUED: Aug. 2, 2017	TIME ISSUED: 2100
UNIT: Plumas NF, Mt. Hough Ranger District	SIGNED: /s/ Taro Pusina, FBAN

## INPUTS

### WEATHER SUMMARY

\*\*\* See Incident Weather Forecast \*\*\*

#### Discussion:

Hot and dry conditions in the fire area. Cumulus buildup may continue with a chance of isolated thunderstorms mainly to the east. **Potential for strong, erratic outflow winds.** Good vertical mixing and an unstable atmosphere this week.

**Weather:** Partly cloudy with isolated afternoon thunderstorms, mainly to the east and moving slowly NE.

**Max Temps:** Valleys/lower slopes: 92 - 95°, ridges/upper slopes: 85 - 88°

**Min RH:** Valleys/lower slopes: 26 - 30%, ridges/upper slopes: 20 - 24%

**20' Winds:** Valleys/lower slopes - light upslope, becoming updrainage 4 - 5 mph with gusts to 8 mph after 1100.  
Ridges/upper slopes - N/NE 4 mph with gusts to 8 mph, becoming SW 6 - 9 mph gusting to 13 after 1300.

## FIRE BEHAVIOR

### GENERAL:

\*\*\* Quincy BI is 40 and ERC is 59 \*\*\*

**Fuels, weather and topography are aligning for very active fire behavior.**

- **Fuels:** A very wet winter created abundant new vegetation growth. Live and dead mixed conifer fuels and brush are approaching critically dry moisture levels – 1000 hr's. near 10% and lives near 100% - dense long and short needle timber, manzanita and chinquapin and regeneration ladder fuels provide avenues for crownfire initiation.
- **Weather:** Persistent hot, dry weather coupled with an unstable atmosphere and moderate to strong winds are conducive for rapid and intense fire spread.
- **Topography:** Steep topography - to 100% slope with deep drainages - can channel upslope/updrainage winds during the heat of the day from 1100 - 1900. The elev. range is 4500 - 6500'. Aspects are generally SW and NE.

### SPECIFIC FIRE BEHAVIOR:

Maximum fire behavior expected includes group mixed conifer and brush torching with short duration crownfire runs. Expect 100'+ flame lengths in mature timber and brush with 12 - 40 chs./hr. max rates of spread with ½ - ¾ mi. spotting distances and 70% probability of ignition. Surface fire behavior includes smoldering, creeping, flaming and running with 3 - 5' headfire flame lengths in timber and 6 - 10' flame lengths in brush. Surface rates of spread in timber can reach 5 - 13 chs./hr. in timber and 7 - 17 chs./hr. in brush. Reduce these numbers by a roughly half for flanking and backing fire spread.

**DIV's A/D:** Direct attack has significantly reduced fire activity and heat near the line. Upslope/upcanyon winds could push fire toward indirect line below Claremont Peak in DIV A.

**DIV's M/N/O:** Fire expected to continue spreading north and east toward Quincy and proposed/constructed indirect dozer line in DIV N. Short duration crownfire runs could cause fire to cross indirect dozerline today with spotting up to 0.5 mi.

**DIV Z:** Continued potential for short duration crownfire runs toward Claremont Ridge. Fire behavior likely to moderate above +/- 6000' elevation in pure red fir conifer stands and low lying brush.

## AIR OPERATIONS

- Smoky conditions likely in the fire area until the inversion lifts around 1100 hours.


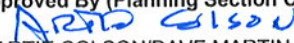
Sunrise 08/02: 0605 hrs.

Sunset 08/2: 2015 hrs.

## SAFETY

- **Expect Gusty and Erratic Outflow Winds Near Thunder Cells**
- Rollout can ignite unburned fuel below you and result in control and/or safety concerns.

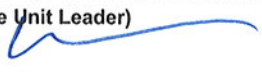

## Division/Group Assignment List (ICS 204 WF)

<b>1. Incident Name:</b>				<b>3.</b>			
MINERVA 5				<b>Branch:</b>		<b>Division/Group:</b>  <b>A</b>	
<b>2. Operational Period:</b> <b>DAY</b>							
Date/Time From: 08/03/2017 0600                      THU		Date/Time To: 08/03/2017 1800                      THU					
<b>4. Operations Personnel</b>							
<b>OPERATIONS CHIEF</b>		JEFFREY HINSON		<b>PLANNING OPS</b>		CLINT GOULD LUIS GOMEZ (T)	
<b>DIVISION/GROUP SUPERVISOR</b>		JOSH GOLDSTEIN		<b>STAGING AREA MANAGER</b>		PATRICIA JOHNSON	
<b>5. Resources Assigned this Period</b>							
Strike Team / Task Force / Resource Designator		LWD	Leader		Number Persons	Drop Off PT./Time	Pick Up PT./Time
CREW - T1 - S/T 9254G (ODD)		08/12	PHILLIP SMITH		27	ICP/0600	ICP/0600
CREW - T2IA - FIRESTORM					20	ICP/0600	ICP/1800
CREW - T2IA - GILA REGULARS					20	ICP/0600	ICP/1800
CREW - WFM - MAMMOTH		08/14	JEFFREY KARL		10	ICP/0600	ICP/1800
CREW - H512					8	ICP/0600	ICP/1800
CREW - H516					8	ICP/0600	ICP/1800
SMOKEJUMPERS					17	ICP/0600	ICP/1800
ENG - T3 - PNF 325					5	ICP/0600	ICP/1800
ENG - T3 - SNF 312		08/11			5	ICP/0600	ICP/1800
WT - T2 - PNF 2		08/11	BEN ELWELL		2	ICP/0600	ICP/1800
WT - T2 - TNF 31		08/11			2	ICP/0600	ICP/1800
WT - T2 - ENF 235		08/11			2	ICP/0600	ICP/1800
TFLD		08/13	JOE DURAN		1	ICP/0600	ICP/1800
SOFR		08/13	JAMES STEPHENS		1	ICP/0600	ICP/1800
<b>8. Division/Group Communication Summary</b>							
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode	
COMMAND PRIMARY	3 NIFC C8	169.5375N		164.7125N	T2 - 123.0	A	
COMMAND SECONDARY	2 NIFC C2	168.1000N		170.4500N	T2 - 123.0	A	
TACTICAL	6 NIFC TAC 3	168.6000N		168.6000N		A	
AIR TO GROUND TAC	13	169.2875N		169.2875N		A	
AIR TO GROUND CMD	14	167.5500N		167.5500N		A	
MEDICAL	15 CALCORD	156.0750N	T6 - 156.7	156.0750N	T6 - 156.7	A	
AIR GUARD	16	168.6250N		168.6250N	T1 - 110.9	A	
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>			<b>Date</b>	<b>Time</b>
DEREK PARKER 			ARTIE COLSON/DAVE MARTIN 			08/02/2017	2050







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<b>1. Incident Name:</b>				<b>3.</b>		
MINERVA 5				<b>Branch:</b>	<b>Division/Group:</b>  <b>D</b>	
<b>2. Operational Period:</b> DAY						
Date/Time From: 08/03/2017 0600 THU		Date/Time To: 08/03/2017 1800 THU				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		JEFFREY HINSON		<b>PLANNING OPS</b>		CLINT GOULD LUIZ GOMEZ (T)
<b>DIVISION/GROUP SUPERVISOR</b>		NATE LEISING DAVID ERNST (T)		<b>STAGING AREA MANAGER</b>		PATRICIA JOHNSON
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
CREW - T2 - DUSTBUSTERS				20	ICP/0600	ICP/1800
CREW - T2 - OC FORESTRY			MARIO ORDONIZ	18	ICP/0600	ICP/1800
CREW - T2 - 3B'S FORESTRY		08/14	AARON ABLE	20	ICP/0600	ICP/1800
ENG - T3 - S/T 9172C (ODD)		08/12	BRIAN HAM	18	ICP/0600	ICP/0600
ENG - T3 - S/T 9210C (ODD)		08/04	PAUL CARLOS	18	ICP/0600	ICP/0600
ENG - T3 - S/T - XAL 2007C		08/13	MIKE HILDEBRAND	21	ICP/0600	ICP/1800
ENG - T3 - PNF 22		08/11		5	ICP/0600	ICP/1800
ENG - T3 - AZ-ADL		08/12		4	ICP/0600	ICP/1800
ENG - T3 - AZ-MAY1		08/12		4	ICP/0600	ICP/1800
ENG - T3 - AZ-SPI		08/12		4	ICP/0600	ICP/1800
WT - T2 - TNF 32		08/15		2	ICP/0600	ICP/1800
WT - T2 - THOMPSON (E-123)		08/15	TIM THOMPSON	1	ICP/0600	ICP/1800
GRADER - T2 - WILBURN (E-68)		08/14	BRENT DINGEL	1	ICP/0600	ICP/1800
FALLER MOD - ROSEBUSH (O-125)		08/14	JACK ROSEBUSH	1	ICP/0600	ICP/1800
FALLER MOD - AMERICAN TIMBER (O-126)		08/14	DAN TOMMILA	2	ICP/0600	ICP/1800
SOF2		08/13	RICK BERTRAM	1	ICP/0600	ICP/1800
TFLD		08/15	JACOB BIRDSEL	1	ICP/0600	ICP/1800
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND SECONDARY	2 NIFC C2	168.1000N		170.4500N	T2 - 123.0	A
TACTICAL	7 NIFC TAC 5	166.7250N		166.7250N		A
AIR TO GROUND TAC	13	169.2875N		169.2875N		A
AIR TO GROUND CMD	14	167.5500N		167.5500N		A
MEDICAL	15 CALCORD	156.0750N	T6 - 156.7	156.0750N	T6 - 156.7	A
COMMAND PRIMARY	3 NIFC C8	169.5375N		164.7125N	T2 - 123.0	A
AIR GUARD	16	168.6250N		168.6250N	T1 - 110.9	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
DEREK PARKER 			ARTIE COLSON/DAVE MARTIN 		08/02/2017	2050



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MINERVA 5				<b>Branch:</b>	<b>Division/Group:</b>  <b>D</b>	
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<b>OPERATIONS CHIEF</b>		JEFFREY HINSON		<b>PLANNING OPS</b>		CLINT GOULD LUIZ GOMEZ (T)
<b>DIVISION/GROUP SUPERVISOR</b>		NATE LEISING DAVID ERNST (T)		<b>STAGING AREA MANAGER</b>		PATRICIA JOHNSON
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
READ		08/14	MIGUEL JEFFREY	1	ICP/0600	ICP/1800
READ		08/14	DAVID HAMILTON	1	ICP/0600	ICP/1800
<b>6. Control Operations/Work Assignments:</b>						
Hold and improve existing lines and mop up where safe to do so.						
<b>7. Special Instructions:</b>						
Travel westbound from ICP on Highway 70 to Bucks Lake Rd approximately 3-4 miles to the 24N28 Road. Travel to the 24N20 Road into the fire. To leave the fire and head back to the ICP take 24N20 Road east to ICP.  Red and black flagging denotes areas of special concern to be avoided. If found contact your DIVS.  READ's to be traveling through DIV D and O. Will check in with DIVS as they pass through.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
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TACTICAL	7 NIFC TAC 5	166.7250N		166.7250N		A
AIR TO GROUND TAC	13	169.2875N		169.2875N		A
AIR TO GROUND CMD	14	167.5500N		167.5500N		A
MEDICAL	15 CALCORD	156.0750N	T6 - 156.7	156.0750N	T6 - 156.7	A
COMMAND PRIMARY	3 NIFC C8	169.5375N		164.7125N	T2 - 123.0	A
AIR GUARD	16	168.6250N		168.6250N	T1 - 110.9	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
DEREK PARKER			 ARTIE COLSON/DAVE MARTIN		08/02/2017	2050

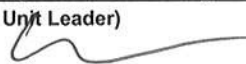
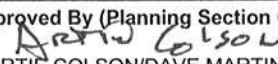
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MINERVA 5			<b>Branch:</b>		<b>Division/Group:</b>  <b>M</b>	
<b>2. Operational Period:</b> DAY						
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<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		JEFFREY HINSON		<b>PLANNING OPS</b>		
				CLINT GOULD LUIS GOMEZ (T)		
<b>DIVISION/GROUP SUPERVISOR</b>		ADAM SANDERS CHRIS AHNLUND (T)		<b>STAGING AREA MANAGER</b>		
				PATRICIA JOHNSON		
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
CREW - T1 - SILVER STATE IHC		08/12	KEVIN KELLY	22	ICP/0600	ICP/1800
CREW - T1 - DIAMOND MT IHC				20	ICP/0600	ICP/1800
CREW - T2IA - KERN VALLEY		08/11	LIEF MATHIESON	20	ICP/0600	ICP/1800
ENG - T1 - S/T MINERVA 1			JOE WATERMAN		ICP/0600	ICP/1800
ENG - T1 - S/T OES 2807A		08/13	JACK THOMAS	22	ICP/0600	ICP/1800
ENG - T1 - S/T OES 3800A				17	ICP/0600	ICP/1800
ENG - T1 - OES 360		08/11			ICP/0600	ICP/1800
ENG - T3 - S/T 1604C					ICP/0600	ICP/1800
ENG - T3 - S/T 9120C (ODD)		08/12	DERRICK W MISNER	19	ICP/0600	ICP/0600
ENG - T3 - S/T XME 2150C		08/13	JOHN THOMEN	19	ICP/0600	ICP/1800
ENG - T3 - S/T XAL 2200C		08/13	JOSE MARTIN	19	ICP/0600	ICP/1800
ENG - T3 - SNF 314		08/08	FRANCISCA P ADAMS	5	ICP/0600	ICP/1800
ENG - T3 - SNF 341		08/08	CARLOS R CABANAS	5	ICP/0600	ICP/1800
ENG - T3 - PNF 34		08/15		5	ICP/0600	ICP/1800
ENG - T3 - SQF 23		08/08	BRENTEN B STARLING	5	ICP/0600	ICP/1800
ENG - T3 - GREENVILLE FPD RANCHERIA BIA - E-1		08/12		4	ICP/0600	ICP/1800
WT - T1 - OES 32		08/12	MATTHEW TURNER	2	ICP/0600	ICP/1800
WT - T2 - ENF 21			LINDSAY DALLISON	2	ICP/0600	ICP/1800
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	2 NIFC C2	168.1000N		170.4500N	T2 - 123.0	A
TACTICAL	8 NIFC TAC 6	166.7750N		166.7750N		A
AIR TO GROUND TAC	13	169.2875N		169.2875N		A
AIR TO GROUND CMD	14	167.5500N		167.5500N		A
MEDICAL	15 CALCORD	156.0750N	T6 - 156.7	156.0750N	T6 - 156.7	A
AIR GUARD	16	168.6250N		168.6250N	T1 - 110.9	A
<b>9. Prepared By (Resource Unit Leader)</b>		<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>	
DEREK PARKER 		ARTIE COLSON/DAVE MARTIN 		08/02/2017	2050	

## Division/Group Assignment List (ICS 204 WF)

<b>1. Incident Name:</b>			<b>3.</b>			
MINERVA 5			<b>Branch:</b>		<b>Division/Group:</b>  <b>M</b>	
<b>2. Operational Period:</b> DAY						
Date/Time From: 08/03/2017 0600 THU		Date/Time To: 08/03/2017 1800 THU				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		JEFFREY HINSON		<b>PLANNING OPS</b>		CLINT GOULD LUIS GOMEZ (T)
<b>DIVISION/GROUP SUPERVISOR</b>		ADAM SANDERS CHRIS AHNLUND (T)		<b>STAGING AREA MANAGER</b>		PATRICIA JOHNSON
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
WT - T2 - COLD SPRINGS (E-82)		08/14		1	ICP/0600	ICP/1800
WT - T2 - MVF 8231		08/11		1	ICP/0600	ICP/1800
DOZ - T2 - STF 51		08/16	CRAIG HEINEMANN	2	ICP/0600	ICP/1800
DOZ - T2 - NORTHSTATE (E-86)		08/15	JESSE KANIHAN	2	ICP/0600	ICP/1800
MODULE - FALLER - A & F (O-128)		08/15	RYAN DENIZ	2	ICP/0600	ICP/1800
SOF2		08/15	PEDRO MARTINEZ	1	ICP/0600	ICP/1800
SOFR (T)		08/15	RAYMOND TORRES	1	ICP/0600	ICP/1800
THSP		08/13	JOHN GAY	1	ICP/0600	ICP/1800
HEQB		08/15	MICHAEL PETRUNCIO	1	ICP/0600	ICP/1800
<b>6. Control Operations/Work Assignments:</b>						
<p>Continue prep on 24N20 east towards Quincy. Continue direct line where possible.                  Prep for future burnout operations.                  Assess structures and be mobile.</p>						
<b>7. Special Instructions:</b>						
<p>Travel westbound from ICP on Highway 70 to Bucks Lake Rd approximately 3-4 miles to the 24N28 Road.                  Travel to the 24N20 Road into the fire.                  To leave the fire and head back to the ICP take 24N20 Road east to ICP.                  Red and black flagging denotes areas of special concern to be avoided. If found contact your DIVS.</p>						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	2 NIFC C2	168.1000N		170.4500N	T2 - 123.0	A
TACTICAL	8 NIFC TAC 6	166.7750N		166.7750N		A
AIR TO GROUND TAC	13	169.2875N		169.2875N		A
AIR TO GROUND CMD	14	167.5500N		167.5500N		A
MEDICAL	15 CALCORD	156.0750N	T6 - 156.7	156.0750N	T6 - 156.7	A
AIR GUARD	16	168.6250N		168.6250N	T1 - 110.9	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
DEREK PARKER 			ARTIE COLSON/DAVE MARTIN 		08/02/2017	2050

## Division/Group Assignment List (ICS 204 WF)

<b>1. Incident Name:</b>			<b>3.</b>			
MINERVA 5			<b>Branch:</b>		<b>Division/Group:</b>	
<b>2. Operational Period:</b> DAY					<b>N</b>	
Date/Time From: 08/03/2017 0600 THU			Date/Time To: 08/03/2017 1800 THU			
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		JEFFREY HINSON		<b>PLANNING OPS</b>		CLINT GOULD LUIZ GOMEZ (T)
<b>DIVISION/GROUP SUPERVISOR</b>		TODD MCNEAL GEORGE BROWN		<b>STAGING AREA MANAGER</b>		PATRICIA JOHNSON
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
CREW - T1 - S/T 9213G (ODD)		08/11	BENJAMIN SITTER	34	ICP/0600	ICP/0600
CREW - T1 - S/T 9228G (ODD)		08/12	PAT BENNINGHOVEN	30	ICP/0600	ICP/0600
ENG - T6 - MOORETOWN 5163		08/15	SCOTT STEINBRING	5	ICP/0600	ICP/1800
ENG - T6 - LNP 76		08/15	LUCAS HUNKLER	4	ICP/0600	ICP/1800
ENG - T6 - BOHICA 61		08/15		3	ICP/0600	ICP/1800
ENG - T6 - WSA 38		08/10	RAYMOND JONES	3	ICP/0600	ICP/1800
MAST - T2 - ROEN (E-148)		08/15		3	ICP/0600	ICP/1800
MAST - T2 - GRAHAM (E-149)		08/15	CLAYTON GRAHAM	2	ICP/0600	ICP/1800
MAST - T2 - GRAHAM (E-150)		08/15	JEFF GRAHAM	2	ICP/0600	ICP/1800
SOFR		08/15	BRANDON HOFFMAN	1	ICP/0600	ICP/1800
HEQB			KEVIN FINKENKELLER	1	ICP/0600	ICP/1800
HEQB			JESSE BUNCH	1	ICP/0600	ICP/1800
HEQB (T)		08/14	LEE BLISS	1	ICP/0600	ICP/1800
HEQB			DANIEL PATTERSON	1	ICP/0600	ICP/1800
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	2 NIFC C2	168.1000N		170.4500N	T2 - 123.0	A
TACTICAL	11 R5 TAC 5	167.1125N		167.1125N		A
AIR TO GROUND TAC	13	169.2875N		169.2875N		A
AIR TO GROUND CMD	14	167.5500N		167.5500N		A
MEDICAL	15 CALCORD	156.0750N	T6 - 156.7	156.0750N	T6 - 156.7	A
AIR GUARD	16	168.6250N		168.6250N	T1 - 110.9	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
DEREK PARKER 			ARTIE COLSON/DAVE MARTIN 		08/02/2017	2050



## Division/Group Assignment List (ICS 204 WF)

<b>1. Incident Name:</b>		<b>3.</b>				
MINERVA 5		<b>Branch:</b>		<b>Division/Group:</b>  <b>N</b>		
<b>2. Operational Period:</b> DAY						
Date/Time From: 08/03/2017 0600 THU	Date/Time To: 08/03/2017 1800 THU					
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		JEFFREY HINSON		<b>PLANNING OPS</b>		CLINT GOULD LUIZ GOMEZ (T)
<b>DIVISION/GROUP SUPERVISOR</b>		TODD MCNEAL GEORGE BROWN		<b>STAGING AREA MANAGER</b>		PATRICIA JOHNSON
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
<b>6. Control Operations/Work Assignments:</b>						
Construct indirect line from Div M / N break to the Peppard Spur Rd to tie into proposed dozer line.						
Prep for future burnout operations.						
<b>7. Special Instructions:</b>						
Travel westbound from ICP on Highway 70 to Bucks Lake Rd approximately 3-4 miles to the 24N28 Road. Travel to the 24N20 Road into the fire.						
To leave the fire and head back to the ICP take 24N20 Road east to ICP.						
Red and black flagging denotes areas of special concern to be avoided. If found contact your DIVS.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	2 NIFC C2	168.1000N		170.4500N	T2 - 123.0	A
TACTICAL	11 R5 TAC 5	167.1125N		167.1125N		A
AIR TO GROUND TAC	13	169.2875N		169.2875N		A
AIR TO GROUND CMD	14	167.5500N		167.5500N		A
MEDICAL	15 CALCORD	156.0750N	T6 - 156.7	156.0750N	T6 - 156.7	A
AIR GUARD	16	168.6250N		168.6250N	T1 - 110.9	A
<b>9. Prepared By (Resource Unit Leader)</b>		<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>	
DEREK PARKER		ARTIE COLSON/DAVE MARTIN		08/02/2017	2050	

## Division/Group Assignment List (ICS 204 WF)

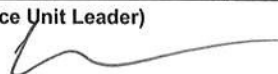
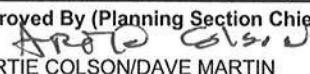
<b>1. Incident Name:</b>			<b>3.</b>			
MINERVA 5			Branch:		Division/Group:  <b>O</b>	
<b>2. Operational Period:</b> DAY						
Date/Time From: 08/03/2017 0600 THU		Date/Time To: 08/03/2017 1800 THU				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		JEFFREY HINSON		<b>PLANNING OPS</b>		CLINT GOULD LUIS GOMEZ (T)
<b>DIVISION/GROUP SUPERVISOR</b>		BROOKE NUNEZ STEVE GONZALEZ (T)		<b>STAGING AREA MANAGER</b>		PATRICIA JOHNSON
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
CREW - T1 - S/T 9253G (ODD)		08/13	JEFF GOWAN	32	ICP/0600	ICP/0600
CREW - T1 - S/T 9258G (ODD)		08/09	CLAYTON TRIGGS	31	ICP/0600	ICP/0600
DOZ - T2 - S/T 9151L			JAKE ROSEBROCK	6	ICP/0600	ICP/0600
DOZ - T2 - SNF 2					ICP/0600	ICP/1800
DOZ - T2 - PNF 3		08/11	CARL ZINN	3	ICP/0600	ICP/1800
DOZ - T2 - ANF 3		08/12	DANIEL GALLANT	2	ICP/0600	ICP/1800
SOFR		08/15	BRANDON HOFFMAN	1	ICP/0600	ICP/1800
READ		08/13	MIGUEL JEFFREY	1	ICP/0600	ICP/1800
READ		08/14	DAVID HAMILTON	1	ICP/0600	ICP/1800
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	2 NIFC C2	168.1000N		170.4500N	T2 - 123.0	A
TACTICAL	9 NIFC TAC 7	168.2500N		168.2500N		A
AIR TO GROUND TAC	13	169.2875N		169.2875N		A
AIR TO GROUND CMD	14	167.5500N		167.5500N		A
MEDICAL	15 CALCORD	156.0750N	T6 - 156.7	156.0750N	T6 - 156.7	A
AIR GUARD	16	168.6250N		168.6250N	T1 - 110.9	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
DEREK PARKER			ARTIE COLSON/DAVE MARTIN		08/02/2017	2050

## Division/Group Assignment List (ICS 204 WF)

<b>1. Incident Name:</b>		<b>3.</b>				
MINERVA 5		<b>Branch:</b>		<b>Division/Group:</b>  O		
<b>2. Operational Period: DAY</b>						
Date/Time From: 08/03/2017 0600 THU		Date/Time To: 08/03/2017 1800 THU				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b> JEFFREY HINSON		<b>PLANNING OPS</b> CLINT GOULD LUIS GOMEZ (T)				
<b>DIVISION/GROUP SUPERVISOR</b> BROOKE NUNEZ STEVE GONZALEZ (T)		<b>STAGING AREA MANAGER</b> PATRICIA JOHNSON				
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
<b>6. Control Operations/Work Assignments:</b>						
Continue dozer line from Div Z / O break to the Div N / O break.						
Prep for future burnout operations.						
<b>7. Special Instructions:</b>						
Travel westbound from ICP on Highway 70 to Bucks Lake Rd approximately 3-4 miles to the 24N28 Road. Travel to the 24N20 Road into the fire.						
To leave the fire and head back to the ICP take 24N20 Road east to ICP.						
Red and black flagging denotes areas of special concern to be avoided. If found contact your DIVS.						
READs traveling through Div D and O. Will check in with DIVS.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	2 NIFC C2	168.1000N		170.4500N	T2 - 123.0	A
TACTICAL	9 NIFC TAC 7	168.2500N		168.2500N		A
AIR TO GROUND TAC	13	169.2875N		169.2875N		A
AIR TO GROUND CMD	14	167.5500N		167.5500N		A
MEDICAL	15 CALCORD	156.0750N	T6 - 156.7	156.0750N	T6 - 156.7	A
AIR GUARD	16	168.6250N		168.6250N	T1 - 110.9	A
<b>9. Prepared By (Resource Unit Leader)</b>		<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>	
DEREK PARKER 		ARTIE COLSON/DAVE MARTIN 		08/02/2017	2050	



## Division/Group Assignment List (ICS 204 WF)

<b>1. Incident Name:</b>				<b>3.</b>			
MINERVA 5				<b>Branch:</b>		<b>Division/Group:</b>	
<b>2. Operational Period:</b> DAY							
Date/Time From: 08/03/2017 0600 THU		Date/Time To: 08/03/2017 1800 THU		<b>Z</b>			
<b>4. Operations Personnel</b>							
<b>OPERATIONS CHIEF</b>		JEFFREY HINSON		<b>PLANNING OPS</b>		CLINT GOULD LUIS GOMEZ (T)	
<b>DIVISION/GROUP SUPERVISOR</b>		JASON WINGARD GUY WHISENHUNT (T)		<b>STAGING AREA MANAGER</b>		PATRICIA JOHNSON	
<b>5. Resources Assigned this Period</b>							
Strike Team / Task Force / Resource Designator		LWD	Leader		Number Persons	Drop Off PT./Time	Pick Up PT./Time
CREW - T1 - BLACK MOUNTAIN IHC		08/04	PAMELA MESSAL		19	ICP/0600	ICP/1800
CREW - T2IA - APACHE-SITGREAVES #1		08/09	DANIEL RUEBUSH		18	ICP/0600	ICP/1800
CREW - T2IA - JICARILLA 1		08/11			20	ICP/0600	ICP/1800
CREW - T2 - SHASTA 21		08/14			17	ICP/0600	ICP/1800
CREW - T2 - 3B'S FORESTRY INC		08/14	AARON ABLE		20	ICP/0600	ICP/1800
ENG - T3 - S/T XSN 2376C		08/13	JEFF HOLDEN		22	ICP/0600	ICP/1800
WT - T2 - SHF 66		08/15	THADDEUS EASON		2	ICP/0600	ICP/1800
DOZ - T2 - PNF 1		08/13			2	ICP/0600	ICP/1800
DOZ - T2 - PNF 3		08/13	C ZINN		2	ICP/0600	ICP/1800
FALLER MODULE - MORGAN (O-127)		08/14			2	ICP/0600	ICP/1800
SOF2		08/13	RICK BERTRAM		1	ICP/0600	ICP/1800
MEDIC		08/16	KEVIN HINKLE		1	ICP/0600	ICP/1800
FEMT		08/16	CODI ADAMS		1	ICP/0600	ICP/1800
<b>8. Division/Group Communication Summary</b>							
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode	
COMMAND	2 NIFC C2	168.1000N		170.4500N	T2 - 123.0	A	
TACTICAL	12 R5 TAC 6	168.2375N		168.2375N		A	
AIR TO GROUND TAC	13	169.2875N		169.2875N		A	
AIR TO GROUND CMD	14	167.5500N		167.5500N		A	
MEDICAL	15 CALCORD	156.0750N	T6 - 156.7	156.0750N	T6 - 156.7	A	
AIR GUARD	16	168.6250N		168.6250N	T1 - 110.9	A	
<b>9. Prepared By (Resource Unit Leader)</b>				<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
DEREK PARKER 				ARTIE COLSON/DAVE MARTIN 		08/02/2017	2050

## Division/Group Assignment List (ICS 204 WF)

<b>1. Incident Name:</b>		<b>3.</b>				
MINERVA 5		<b>Branch:</b>		<b>Division/Group:</b>		
<b>2. Operational Period:</b>		<b>DAY</b>				
Date/Time From: 08/03/2017 0600	THU	Date/Time To: 08/03/2017 1800	THU	<b>Z</b>		
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>	JEFFREY HINSON		<b>PLANNING OPS</b>		CLINT GOULD LUIS GOMEZ (T)	
<b>DIVISION/GROUP SUPERVISOR</b>	JASON WINGARD GUY WHISENHUNT (T)		<b>STAGING AREA MANAGER</b>		PATRICIA JOHNSON	
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
<b>6. Control Operations/Work Assignments:</b>						
Hold and improve existing lines.						
Prep for future burnout operations.						
<b>7. Special Instructions:</b>						
Travel westbound from ICP on Highway 70 to Bucks Lake Rd approximately 3-4 miles to the 24N28 Road. Travel to the 24N20 Road into the fire.						
To leave the fire and head back to the ICP take 24N20 Road east to ICP.						
Red and black flagging denotes areas of special concern to be avoided. If found contact your DIVS.						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	2 NIFC C2	168.1000N		170.4500N	T2 - 123.0	A
TACTICAL	12 R5 TAC 6	168.2375N		168.2375N		A
AIR TO GROUND TAC	13	169.2875N		169.2875N		A
AIR TO GROUND CMD	14	167.5500N		167.5500N		A
MEDICAL	15 CALCORD	156.0750N	T6 - 156.7	156.0750N	T6 - 156.7	A
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<b>9. Prepared By (Resource Unit Leader)</b>		<b>Approved By (Planning Section Chief)</b>			<b>Date</b>	<b>Time</b>
DEREK PARKER		ARTIE COLSON/DAVE MARTIN			08/02/2017	2050

# AIR OPERATIONS SUMMARY

Operational Period Date: 8/3/2017      Start: 07:00      End: 21:00

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**1. INCIDENT NAME:** Minerva

**2. PREPARED BY:** Rob Delmas

**PREPARED DATE/TIME:** 08-02-2017

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**3. Sunrise:** 06:05      **Sunset:** 20:47

**5. TFR:** 7/0029  
**Radius:** 5 NM  
**Altitude:** 12000 MSL  
**Centerpoint:**  
**Lat:** 39° 53.516'  
**Long:** 120° 58.616'

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**4. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.):**  
 MEDEVAC AIRCRAFT SEE Medical Plan.  
 Washoe County Raven -Night Hoist/ BLS  
 Washoe County Sheriffs Office  
 (775)785-4228

No flights over ICP or sling loads over residential areas.  
 Implement 300 feet standard policy procedures for retardant avoidance in riparian areas.  
 Give clear, concise direction when requesting missions...need a location and contact.  
 Hazards: Snags, non-incident aircraft, powerlines in valleys and winds.

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6. PERSONNEL	Phone	7. FREQUENCIES	AM	FM
AOBD: Rob Delmas	760-784-5399	AIR/AIR -RW	118.6250	
ASGS: Robert Reece	559-760-2186	AIR/GUARD	168.6250	Tone 1 110.9
ASGS: Kerry Koskela	559-359-2122	AIR/AIR - FW		169.4375
ATGS: Mike Fralicks	559-760-8379	AIR/GROUND TACTICAL	Crews/Engines Firefighters	169.2875
ASGS:		NIFC C2	RX 168.100 TX 170.450	Tone 2 123.0
HELC:				
HEB1: Kyle Tolosano	530-515-0799	AIR/GROUND COMMAND	Operation Branch/Division	167.5500
HEB1 (T): Dave Dale		AIR/AIR BRIEFING	124.6750	
		DECK	163.100	163.100

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8. FIXED-WING	# Avail / Type/ Make-Model / FAA N# / Base(s)
Airtankers	By Request: 4 Heavy 1 VLAT 2 Super Scoopers
Lead planes	By Request:
ATGS Aircraft	AA15 N700PQ Relief to be announced and time needed
Other	Retardant

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**9. HELICOPTERS (Use Additional Sheets As Necessary)**

FAA N# or Designator	TY	MAKE/MODEL	BASE	START	REMARKS	FAA N# or Designator	TY	MAKE/MODEL	BASE	START	REMARKS
H-512	11	Bell 212	Gansner Airfield	0800	Unavailable	H403SS	1	S-64	Gansner Airfield	0800	Water Drops
H-516	11	Bell 212	Gansner Airfield	0800	Pax/ Bucket	H699RH	1	KMAX	Gansner Airfield	0800	Water Drops
						H202WM	1	KMAX	Gansner Airfield	0800	Water Drops
H7AC	III	Bell 407	Gansner Airfield	0800	Recon/ Helco/ Pax	H674TH	1	KMAX	Gansner Airfield	0800	Water Drops

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**10. TASK/MISSION/ASSIGNMENT (Use ICS-220a if additional space needed; Type/Function includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, etc.)**

TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (if applicable) OR INSTRUCTIONS FOR TACTICAL AIRCRAFT	MISSION START	FLY FROM	FLY TO
Troop shuttle	As assigned			
Water Drops	Priority. Division call air attack with request.			
Recon	As requested:			
Cargo	As assigned:			
Troop Shuttle:	As assigned:			

[Signature]      1000

# HEALTH AND SAFETY MESSAGE

*SAFETY* starts with **YOU**

We are ALL accountable for SAFE behaviors

Date: August 3/4, 2017

INCIDENT: Minerva 5

Day/Night Operations

## Major Hazards and Risks:

- **DRIVING:** Slow down when driving on Bucks Lake Rd., and secondary roads throughout the incident. Be cautious in dusty conditions.
- **HAZARD TREES:** Assess ALL Trees in Work Areas....In addition to suppression and mop-up operations, assess hazard trees when you take breaks.
- **DEHYDRATION:** Drink water with other electrolyte drinks, and be sure to eat.
- **STEEP SLOPES/ROLLING MATERIAL:** Be aware not to work below persons and rolling material.

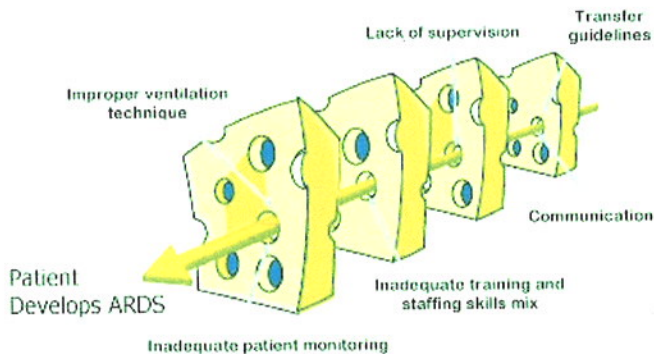
Fire Order of the Day:

## Maintain control of your forces at all times

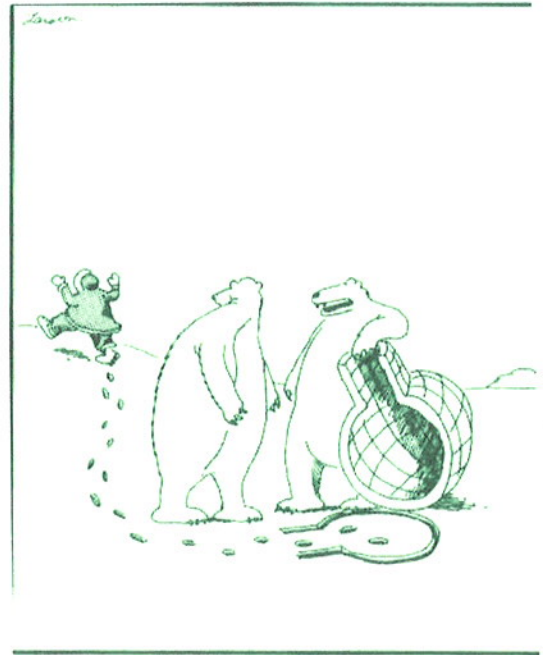
- ❖ **TASK.....**What is to be done.....Strategy and tactics
- ❖ **PURPOSE.....**Why it is to be done.....Big picture.....who, what, when, where, why, etc.....
- ❖ **END STATE.....**How it should look when done....Quantify your expectations.....Leaders Intent

## Situation Awareness

- **Speak up if you see something that looks wrong!!!**
- **Get a good briefing prior to beginning task**
- **Ask if you don't understand!!!!**



**HELP BREAK THE "ERROR CHAIN"!!**



"I lift, you grab. ... Was that concept just a little too complex, Carl?"

**Give clear instructions and insure they are understood!!!**

**Thanks from your Safety Team!!**

Ron Garcia SOF2

Greg Marfil SOF2(T)

Always use the "Risk Management Process" in your decision making process.....refer to IRPG page 1 for more information.....

## INCIDENT SAFETY ANALYSIS 215a

Minerva 5 - Wednesday, August 02, 2017

8. Location	9. Hazard	6. Control or Abatement Action (Engineering, Administrative, PPE, Avoidance, Education, etc)
All	Air Operations	<ul style="list-style-type: none"> <li>~ Follow " Aviation Watch-Out Situations" on page 44, IRPG.</li> <li>~ Don't plan on air resources for medical transport or resupply.</li> <li>~ Refer to page 57, IRPG for directing bucket drops.</li> <li>~ Only approved mission critical flights.</li> <li>~ Ensure positive communication with all air resources.</li> </ul>
All	Steep Terrain & Rolling Debris	<ul style="list-style-type: none"> <li>~ Maintain 8'-10' spacing when working &amp; walking.</li> <li>~ Don't work above any personnel.</li> <li>~ Be on the lookout for rolling rocks, debris, or burning material.</li> <li>~ Evaluate necessity to send personnel in areas with limited access.</li> <li>~ Post lookouts (IRPG pg 7).</li> </ul>
All	Driving & Traffic	<ul style="list-style-type: none"> <li>~ Practice "Defensive Driving" techniques traveling on all roads and city streets.</li> <li>~ Use spotters and honk horn when backing.</li> <li>~ Keep clutter off dash and inside cab, and clean windshields.</li> <li>~ Follow Driving LCES (Lights, Chock blocks, Emergency brake, Seat belts).</li> <li>~ Always use headlights and obey posted speed limits.</li> <li>~ Use the 3 second rule for following distance.</li> <li>~ Use chock blocks, turn wheels into hill.</li> <li>~ Avoid distractions (eating, cell phones, radio).</li> </ul>
All	Hazard Trees	<ul style="list-style-type: none"> <li>~ Follow "Hazard Tree Safety" guidelines, IRPG pages 22-23.</li> <li>~ Post lookouts, or use a spotter in mop-up areas with personnel.</li> <li>~ Don't park vehicles or take breaks in high concentrations of hazard trees.</li> <li>~ Establish trigger points for disengagement during high wind events.</li> <li>~ Remember that the hazard zone extends a minimum of 2 1/2 tree heights.</li> <li>~ Post road guards when appropriate.</li> </ul>
All	Firing Operations & Devices	<ul style="list-style-type: none"> <li>~ Only personnel trained in the use of each device will be authorized to use firing equipment.</li> <li>~ Ensure all personnel are aware of firing operation that may affect them.</li> <li>~ Wear appropriate PPE.</li> <li>~ Ensure aerial/ground ignition plans have been adequately developed and personnel are briefed.</li> </ul>
All	Indirect Fireline	<ul style="list-style-type: none"> <li>~ KNOW WHAT YOUR FIRE IS DOING AT ALL TIMES.</li> <li>~ Post lookouts, identify escape routes and safety zones (IRPG pg. 7).</li> <li>~ Review "Strategy/Indirect Attack" (IRPG pg. 77).</li> <li>~ Establish trigger points for disengagement during high wind events.</li> </ul>
All	Fatigue & Over Exertion	<ul style="list-style-type: none"> <li>~ Drink 1 quart of water each hour during and after work.</li> <li>~ Rotate crews out of smoky areas.</li> <li>~ Set a reasonable work pace and allow adequate rest breaks while on the project.</li> <li>~ Stagger work crews start time to limit fatigue.</li> <li>~ Use buddy system to monitor personnel of heat related and fatigue issues.</li> <li>~ Follow work / rest guidelines.</li> </ul>
All	Mine Shafts/Hazmat	<ul style="list-style-type: none"> <li>~ Possible mine shafts in the fire area, stay alert.</li> <li>~ Do not approach mine shafts, get the Lat/Long and give to your Division Supervisor.</li> <li>~ Follow "HAZMAT Incident Operations" on pages 34-36 in IRPG.</li> </ul>
	Thunderstorm Safety	<ul style="list-style-type: none"> <li>~ Follow thunder ssafety guidelines, IRPG Page 21.</li> <li>~ Monitor daily weather forecast, and plan your day accordingly.</li> </ul>
All	Heavy Equipment Operations	<ul style="list-style-type: none"> <li>~ Ensure communications are established with operators.</li> <li>~ Use hand signals if other communications are unavailable.</li> <li>~ Maintain a 50'-100' exclusion area around equipment and increase it to 1 1/2 times tree height when in timber.</li> <li>~ Use a spotter when backing.</li> <li>~ Avoid working below heavy equipment.</li> </ul>
All	Underground Power Lines	<ul style="list-style-type: none"> <li>~ No heavy equipment work over identified buried power line areas (See Map).</li> <li>~ Flag off and GPS any exposed line(s) on the surface.</li> </ul>

*Ron Ann scfz*

*Cliff Hall OSCZ*

# INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

<b>1. Incident Name:</b> MINERVA 5	<b>2. Date/Time Prepared:</b> Date: 08/02/2017 Time: 2050	<b>3. Operational Period:</b> Date/Time From: 08/03/2017 0600 Date/Time To: 08/03/2017 1800 DAY: THU	<b>4. Basic Radio Channel Use:</b>
---------------------------------------	---	---	------------------------------------

Zone Group	Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq	RX Tone/NAC	TX Freq	TX Tone/NAC	Mode (A,D, or M)	Remarks
15	1	COMMAND	PNF FIRE ADMIN	BACKUP	171.4250N		163.1625N	T6, T8	A	ZONE 6 (156.7) TONE 8 (103.5)
15	2	COMMAND	NIFC C2	ALL DIVS	168.1000N		170.4500N	T2 - 123.0	A	LOCATED ON MT HOUGH
15	3	COMMAND	NIFC C8	DIV A,D	169.5375N		164.7125N	T2 - 123.0	A	LOCATED OFF SILVER LAKE RD
15	4	COMMAND	OPEN						A	FUTURE USE
15	5	TACTICAL	NIFC TAC 2	IA ONLY	168.2000N		168.2000N		A	
15	6	TACTICAL	NIFC TAC 3	DIV A	168.6000N		168.6000N		A	
15	7	TACTICAL	NIFC TAC 5	DIV D	166.7250N		166.7250N		A	
15	8	TACTICAL	NIFC TAC 6	DIV M	166.7750N		166.7750N		A	
15	9	TACTICAL	NIFC TAC 7	DIV O	168.2500N		168.2500N		A	
15	10	TACTICAL	R5 TAC 4	FIRING GRP	166.5500N		166.5500N		A	FIRING GROUP
15	11	TACTICAL	R5 TAC 5	DIV N	167.1125N		167.1125N		A	
15	12	TACTICAL	R5 TAC 6	DIV Z	168.2375N		168.2375N		A	
15	13	AIR TO GROUND	A/G TAC	ALL DIVS	169.2875N		169.2875N		A	AIR/GROUND TACTICAL
15	14	AIR TO GROUND	A/G CMD	ALL DIVS	167.5500N		167.5500N		A	AIR/GROUND COMMAND
15	15	MEDICAL	CALCORD	ALL DIVS	156.0750N	T6 - 156.7	156.0750N	T6 - 156.7	A	MEDEVAC COORDINATION
15	16	AIR GUARD	AIR GUARD	ALL DIVS	168.6250N		168.6250N	T1 - 110.9	A	ZONE ON TRANSMIT ONLY - URGENT AIRCRAFT CONTACT


**5. Special Instructions:**

LAST CLONE 7-31-17

**6. Prepared By** (Communications Unit Leader)

Name: TROY VAUGHN

Signature:





ICS 205

IAP Page

Date/Time: 08/02/2017 2050

# MEDICAL PLAN (ICS 206 WF)

1. Incident/Project Name			2. Operational Period				
<b>Minerva Fire</b>			Date/Time: <b>8/3/2017 Day 0600-1800</b>				
3. Ambulance Services							
Name	Location	Phone & EMS Frequency	Advanced Life Support (ALS) Yes No				
Plumas District Ambulance	ICP	530 604-6850	X				
4. Air Ambulance Services (COORDINATE with AIR AMBULANCES on CALCORD tone 6)							
Name	Phone	Type of Aircraft & Capability					
CHP H14 or H16 Redding	Plumas County SO (530) 283-6300	ALS and Day Hoist					
Care Flight	Plumas County SO (530) 283-6300	ALS and Night Ops					
Enloe Flight Care	Plumas County SO (530) 283-6300	ALS and Night Ops					
Auburn H20 or H24	Plumas County SO (530) 283-6300	BLS and Day Hoist					
Washoe County Raven	Washoe County SO (775) 785-4228	BLS and Night Hoist					
5. Hospitals							
Name & Level	GPS Datum – WGS 84 Degrees Decimal Minutes		Travel Time Air Gnd		Phone	Helipad Yes No	Address
	Lat:	N 39 31 28.7	30	75			
Long:	W 119 47 44.5		Min				
	VHF:	Tx Rx					
Enloe Medical Center Level Two Trauma Center	Lat:	N 39 44 538	:30	115	(530) 332-7414	<input checked="" type="checkbox"/>	1531 Esplanade Chico Ca. 95926
	Long:	W 121 50 949		Min			
	VHF:	Tx Rx					
UC Davis Firefighters Burn Inst.	Lat:	N 38 33 17.5	:70	3.5	(916) 734-3636	<input checked="" type="checkbox"/>	4251 X St. Sacramento Ca. 95817
	Long:	W 121 27 19.6		Hrs.			
	VHF:						
Plumas District Hospital	Lat:	N 39 56 23.6	:5	25	(530) 283-2121	<input checked="" type="checkbox"/>	1065 Bucks Lake Rd. Quincy Ca. 95971
	Long:	W 120 57 42.0		Min.			
	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/Unimproved landing site: Lat: / Long:							
Helispot: Lat: / Long/ Elevation:							
Alternate, no-fly plan:							
7. Remote Aid Stations							
	Point of Contact:	MEDL – Kevin Albertson 661 303-9414					
	EMS Responders & Capability:						
	Equipment Available on Site:	Medical supplies					
	Ambulance ETA :	Air – Ground –					
8. Prepared By (Medical Unit Leader)		9. Date/Time		10. Reviewed By (Safety Officer)		11. Date/Time	
Kevin Albertson – MEDL 		8/2/2017 2000		Ron Garcia – SOF2 		8/2/17 2000	

# MEDICAL PLAN (ICS 206 WF)

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





August 3<sup>rd</sup>, 2017

## TRAINING SPECIALIST MESSAGE

### *Minerva Fire*

A Training Specialist is on the incident. All federal, state, and local government agency trainees working on position task books will need to register with the Incident Training Specialist to receive proper credit for your assignment.

Bring your initiated Task Book and valid Red Card.

If you need training logged, you should initiate with the TNSP at the earliest opportunity. TNSP is open from 6a-10p but also doing Resources. Please come and stop by! If I can fit you in I surely will.

*Derek Parker*  
*Training Specialist*



# Human Resource Message

From  
Your Human Resource Specialists

## **Wildland Firefighter** Health & Safety Report

### **Work and Fatigue in Wildland Firefighting effects your physical and emotional state!**

Wildland Firefighting is arduous work, performed for long shifts in difficult environmental conditions. The work can be dangerous due to the fire and working conditions. Heat, smoke, rolling rocks, falling snags, and other hazards threaten the worker. Fatigue can impair performance and decision making, increasing the risk of injury. Prolonged exposure to fatigue, stress, smoke, and poor nutrition has the potential to increase the incidence of upper respiratory illness, but also mental lapses.

The stress response is necessary to prepare an athlete, firefighter or soldier for a maximal effort in a physical challenge, but it can be unhealthy if it occurs too often in the wrong setting.

#### **Definitions:**

**Fatigue**—A sense of tiredness, either mental or physical, brought on by stress (lack of sleep, physical work, nutritional inadequacies, or mental stresses). Fatigue following work or sleep deprivation is a normal state and can be reversed with adequate recovery or rest.

**Accumulated (Chronic) Fatigue**—Fatigue from which normal rest does not produce recovery. Accumulated fatigue is often caused by extended periods of stress with inadequate recovery periods, resulting in decreased productivity, compromised immune function, and reduced alertness.

Fatigued workers perform poorly and behave carelessly, tolerate greater errors, and become inattentive. They display decreased motivation, increased irritability and depression, and low morale. Accumulated fatigue is more persistent, producing a wider array of effects on performance, health, and morale than ordinary fatigue. Accumulated fatigue requires longer recovery periods than ordinary fatigue.

**Correct Nutrition, Hydration and Rest are good coping mechanisms for stress and fatigue. Make use of your down time and rest per the work/rest guidelines.**

## **Your Mental Health Matters!**

08/03/2017

TENTATIVE RELEASE

MINERVA 5 US-CA-PNF-001043

**EQUIPMENT**

E-22	0700	(ES1)	ENGINE S/T - T1 - 2252A
E-41	0700	(ES3)	ENG -T3 -S/T 4660C
E-3	1600	(EQD)	ENG - T/F - XLS 3075

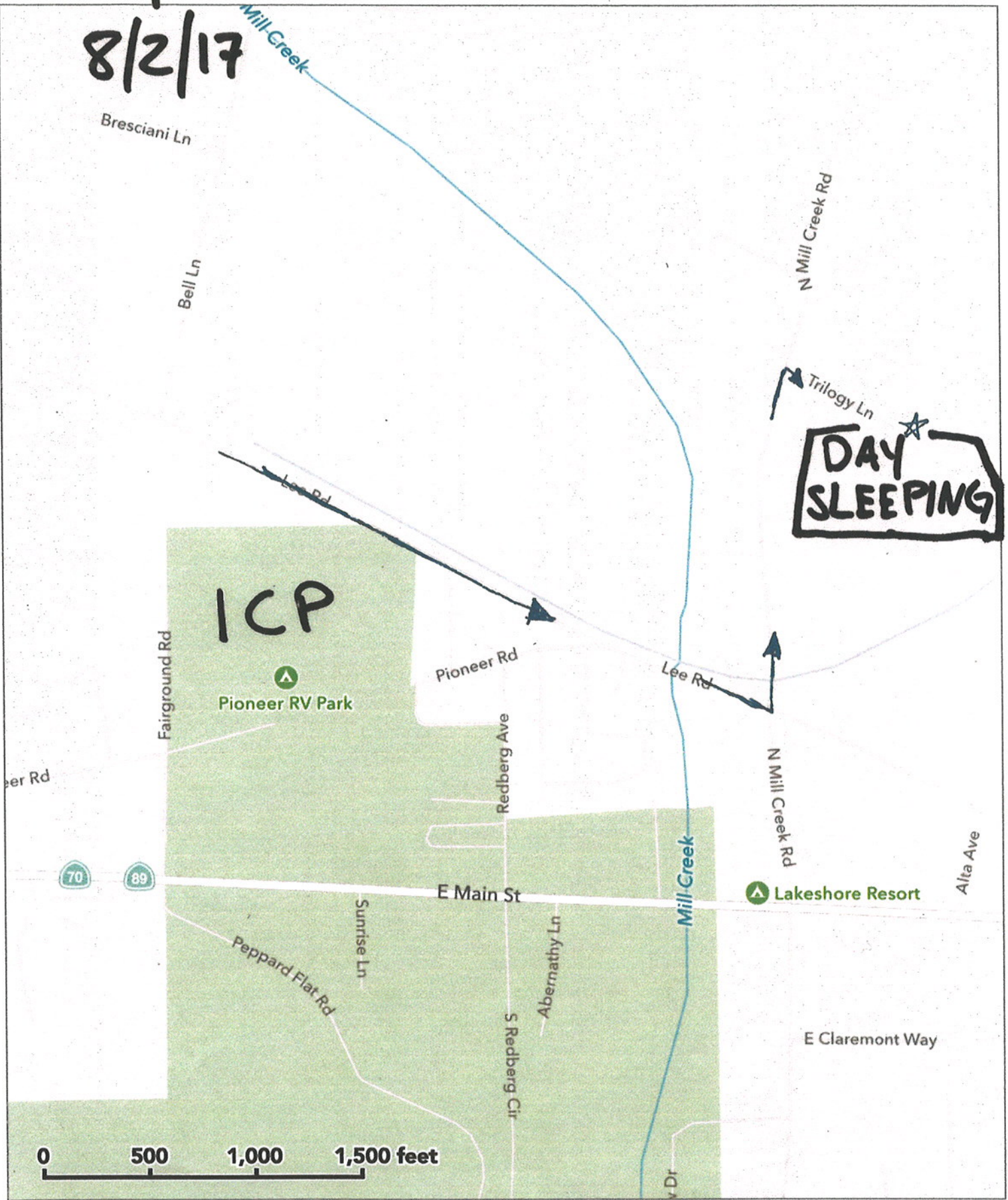
**OVERHEAD**

O-19	1800	(PIOF)	EDLUND, LESLIE
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# DAY SLEEPING MAP

near Quincy — Plumas

8/2/17



## QR Codes



**Weather Observations**



**Minerva 5 IAP Map**



<b>UNIT LOG</b>		1. Incident Name <b>Minerva</b>	2. Date Prepared	3. Time Prepared
4. Unit Name/Designators		5. Unit Leader (Name and Position)		6. Operational Period
<b>7. Roster of Assigned Personnel</b>				
Name		ICS Position		Home Base
<b>8. Activity Log</b>				
Time		Major Events		
9. Prepared by (Name and Position)				

