

# MINERVA 5 FIRE



NIGHT SHIFT 1800 – 0600

AUGUST 4, 2017


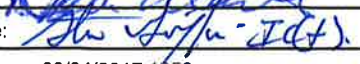
CA-PNF-001043

P5K8GR (0511)




Minerva 5 CA-PNF-001043

## INCIDENT OBJECTIVES (ICS 202)

<b>1. Incident Name:</b>		<b>2. Operational Period:</b> NIGHT	
MINERVA 5		Date/Time From: 08/04/2017 1800 FRI	Date/Time To: 08/05/2017 0600 SAT
<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>			
General Situational Awareness:			
<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 type="checkbox"/> ICS 207	Other Attachments:	
<input checked="" type="checkbox"/> ICS 203	<input type="checkbox"/> ICS 208	<input checked="" type="checkbox"/> 215A _____	
<input checked="" type="checkbox"/> ICS 204	<input type="checkbox"/> ICS 220	<input checked="" type="checkbox"/> TRAINING MESSAGE _____	
<input checked="" type="checkbox"/> ICS 205	<input checked="" type="checkbox"/> Map/Chart	<input checked="" type="checkbox"/> 214 _____	
<input type="checkbox"/> ICS 205A	<input checked="" type="checkbox"/> Weather Forecast/Tides/Currents	<input type="checkbox"/> _____	
<input checked="" type="checkbox"/> ICS 206			
<b>7. Prepared by:</b> COLSON / MARTIN		<b>Position/Title:</b> PSC2	<b>Signature:</b> 
<b>8. Approved by Incident Commander:</b>		<b>Name:</b> MILLS/STRAWHUN/GRIFFIN (T)	<b>Signature:</b> 
<b>ICS 202</b>	<b>IAP Page</b>	<b>Date/Time:</b> 08/04/2017 1850	

## ORGANIZATION ASSIGNMENT LIST (ICS 203)

<b>1. Incident Name:</b>		<b>2. Operational Period:</b> NIGHT	
MINERVA 5		Date/Time From: 08/04/2017 1800 FRI	Date/Time To: 08/05/2017 0600 SAT
<b>3. Incident Commander(s) and Command Staff:</b>		<b>6. Logistics Section:</b>	
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
<b>4. Agency/Organization Representative(s):</b>		COMMUNICATIONS UNIT	JOSEPH MEHCIZ TROY VAUGHN (T)
<b>Agency/Organization</b>	<b>Name</b>	MEDICAL UNIT	KEVIN ALBERTSON; DEVIN LAWRENCE DAVID MAZAIKA (T)
USFS PNF AA	DANIEL LAVATO	SECURITY UNIT	FERNANDO GOMEZ MATTHEW WILKEN
CAL FIRE LMU AA	LANE CALDWELL	FOOD UNIT	MIKE CHAPMAN
PLUMAS SHERIFF	NICK DAWSON	<b>7. Operations Section:</b>	
QUINCY PFD	ROBBIE CASSOU	NIGHT OPS	STEVE WATKINS
CHESTER FPD	JOE WATERMAN	DAY OPS	JEFFREY HINSON
CAL OES	KEN HOOD	PLANNING OPS	CLINT GOULD
CDCR	TAMMY MAINE	STAGING AREA	PATRICIA JOHNSON
PACIFIC GAS & ELECTRIC	ROB CONE		
		DIVISION/GROUP	A / D DALE SHIPPELHOUTE
		DIVISION/GROUP	M MIKE MARTINEZ
		DIVISION/GROUP	N JORDAN TOWNSEND
		DIVISION/GROUP	O / Z ROBERT RICE
<b>5. Planning Section:</b>		<b>7b. Air Operations Branch:</b>	
CHIEF	ARTIE COLSON	AIR OPS BRANCH DIRECTOR	ROBERT DELMAS KERRY KOSKELA
DEPUTY	DAVE MARTIN	AIR SUPPORT SUPERVISOR	ROBERT REECE BLAINE COYLE (T)
RESOURCES UNIT	DEREK PARKER ANSLEY SINGER (T)	HELICOPTER COORDINATOR	RAY BLACKBURN
SITUATION UNIT	MARK LEMON; ROBERT VERDIE DEREK PARKER (T)	<b>8. Finance/Administration Section:</b>	
DEMOBILIZATION UNIT	JULIE ROBERTS	CHIEF	JOAN DISNEY
FIRE BEHAVIOR ANALYST	TARO PUSINA	TIME UNIT	TIFFANIE SACHE-SANITI
TRAINING SPECIALIST	DEREK PARKER	COMPENSATION UNIT	BENJAMIN CAZIER
GIS SPECIALIST	LARRY VREDEBURGH DIANE SAVIN-DUKLETH		
TECHNOLOGY SUPPORT SPECIALIST	RON WATSON		
INCIDENT METEOROLOGIST	JASON CLAPP		
RESOURCE ADVISOR	COURTNEY ROWE		
HUMAN RESOURCE SPECIALIST	FRANCES LINDQUIST		
DOCUMENTATION UNIT	REX CRABTREE		
<b>9. Prepared By:</b>		<b>Position/Title:</b> RESL	<b>Signature:</b>
ICS 203	Name: DEREK PARKER	Date/Time: 08/04/2017 1348	
	IAP Page		



# Minerva 5 Incident Weather Forecast



FORECAST NO: 9

NAME OF FIRE: Minerva 5

PREDICTION FOR: 1800 - 0600  
SHIFT DATE: Fri-Sat, Aug 4-5, 2017

UNIT: CA-PNF  
SIGNED: Jason Clapp

Forecast Info

TIME AND DATE  
FORECAST ISSUED: 1000 Fri 8/4/17

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

**Weather Discussion:** Convection diminishes near sunset tonight with decent humidity recovery over lower terrain and poorer recovery in thermal belt. Some showers may develop after 2400 as more widespread cloudiness dominates the area. Wind will be terrain driven with SW ridge winds shifting SE toward end of shift. Greater convection chances exist over weekend as an upper level disturbance moves closer to CA. However, the strong SW steering flow will likely shift any local thunderstorms to east. Good vertical mixing this weekend will aid column development.

## WEATHER FORECAST for Tonight: Erratic Winds from Potential Outflows through 2000

	Ridgetops / Upper Slope (6K ft)	Valleys / Lower Slopes (4K ft)
<b>Weather</b>	Thunderstorm threat weakening with chance for light rain/sprinkles overnight	
<b>Lows</b>	65 – 72 ( <i>up 1 – 2</i> )	63 – 67 ( <i>up 1 – 2</i> )
<b>Max RH</b>	45 – 55% ( <i>5 – 8%</i> )	75 – 85% ( <i>up 5 – 8%</i> )
<b>20 ft Winds</b>	WSW 8 mph gusting to 13 mph After 0400... Varying SW-SE 4-6 gusting to 9 mph	Becoming light downslope After 2100, downcanyon 3-6 mph

**Thermal belts:** 40 – 45%      **Inversion:** Minimal..setting up after 2400

## WEATHER FORECAST for Saturday (8/5): Erratic Outflows from nearby storms

	Ridgetops / Upper Slope (6K ft)	Valleys / Lower Slopes (4K ft)
<b>Weather</b>	Mostly cloudy with mid cloud will add shading and may limit convective activity. 20% chance isolated thunderstorms	
<b>Highs</b>	75 – 79 ( <i>down 3 – 4</i> )	82 – 86 ( <i>down 3 – 4</i> )
<b>Min RH</b>	30 – 36% ( <i>up 5</i> )	25 – 30% ( <i>up 5</i> )
<b>20 ft Winds</b>	SE 4 mph gusting to 8 mph. After 1100, SW 7-9 mph G15-18 mph	Light upslope. After 1100, upcanyon/cross-slope 4 mph G8 mph

**Thermal belts:** 40 – 50%      **Inversion:** Lifting by 1100


## OUTLOOK for Sunday (8/6): Erratic Outflows from nearby storms

<b>Weather</b>	Partly to mostly cloudy with afternoon cumulus buildups. 20% chance isolated thunderstorms	
<b>Highs/Lows</b>	Ridges: 76 – 80...Valleys: 83 – 86	Lows 55 – 65
<b>Min/Max RH</b>	Min: 25 – 35%	Max: 50-60% ridges, 75-85% valleys
<b>20 ft Winds</b>	Upslope winds 3-5 mph becoming upcanyon 5 mph with afternoon gusts 8 mph. Ridges: Varying SE-NE 4 mph G8...then SW afternoon 7-10 gusting 15-18 mph.	

**Thermal belts:** 45 – 50%      **Inversion:** Lifting by 1100



# FIRE BEHAVIOR FORECAST

<b>FORECAST NUMBER:</b> 10	<b>TYPE OF FIRE:</b> Wildfire
<b>FIRE NAME:</b> Minerva 5	<b>OPERATIONAL PERIOD:</b> Night 1800 - 0600 , 8/4 - 8/5, 2017
<b>DATE ISSUED:</b> Aug. 4, 2017	<b>TIME ISSUED:</b> 0830
<b>UNIT:</b> Plumas NF, Mt. Hough Ranger District	<b>SIGNED:</b> /s/  Taro Pusina , FBAN

## INPUTS

### WEATHER SUMMARY

*\*See IMET Weather Forecast\**

#### Discussion:

More widespread mid-level clouds ahead of an offshore disturbance this weekend. Isolated thunderstorms possible. Good vertical mixing this weekend due to instability.

**Weather:** Any cumulus buildup weakening after 1800 with smoke settling over fire  
**Min Temp:** Lower slopes: 61 - 65°, Ridges/upper slopes: 67 - 72°  
**Max RH:** Lower slopes: 60 - 65%, Ridges/upper slopes: 45 - 55%  
**20' Winds:** Lower slopes: Becoming light/downslope, 3 - 4 mph, gusts to 9 mph after 2100. Ridges/upper slopes: SW 5 mph, gusts to 9 mph, becoming N 5 - 7 mph, gusts to 12 mph after 2100.

**\*\*\* Watch for Gusty and Erratic Winds near Thunder Cells\*\*\***

## FIRE BEHAVIOR

### GENERAL:

**\*\*\*Quincy Burning Index is 40 and Energy Release Component is 59\*\*\***

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

- **Fuels:** The wettest winter in recent history created abundant new vegetation growth. Lower elevation timber and brush fuels are approaching critical levels: 1000 hr's. near 10% and lives near 100%. Fuels include mixed conifer, oaks and brush. Dense timber, regeneration and ladder fuels provide an avenue for crownfire initiation.
- **Weather:** Persistent hot, dry weather coupled with thunderstorms, an unstable atmosphere and moderate winds are conducive for rapid and intense fire spread. High temperatures and low relative humidities are expected to continue which will increase the likelihood of active fire behavior.
- **Topography:** Steep topography - to 100% slope with deep drainages - can channel diurnal drainage winds during the heat of the day and after dark. The elevation range is 4500 - 6500'. Aspects are generally SW and NE.

### SPECIFIC FIRE BEHAVIOR:

- **Before Dark:** Group tree torching and short duration crownfire runs likely with 100'+ flame lengths and 12 - 40 ch./hr. rates of spread with ¼ - ½ mi. spotting distances and 50 - 70% probability of ignition.
- **After Dark:** Moderate nighttime RH recovery and cooler temps should limit fire activity. Expect smoldering and creeping with occasional flare-ups and group tree torching. Potential timber headfire flame lengths 1 - 3' with max ROS spread 2 - 6 chains per hour. Expected brush headfire flame lengths are 3' - 5' with rates of spread of 4 - 8 ch./hr. Reduce these numbers roughly in half for flanking and backing fire spread.

**DIV's A/D:** Unburned islands of vegetation to continue burning out, most remaining heat should pull interior in DIV A with downcanyon winds. Majority of DIV D showing very little heat.

**DIV's M/N/O:** Low/moderate fire behavior expected in mixed conifer below 6000' in West and Middle Branches of Mill Ck. Short duration runs could compromise dozerline. Expect continued backing north toward Quincy with up to ¼ mi. spread.

**DIV Z:** Mostly low fire behavior anticipated above 6000' in red fir timber overstory and low lying brush with natural barriers in DIV's O and Z. Downslope winds should pull most heat interior off the line.

## AIR OPERATIONS

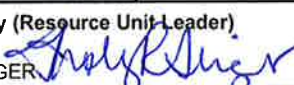

- Expect smoky conditions in the fire area when the inversion settles in around 2100 hours.

Sunset 8/3: 2013 hrs. Sunrise 8/4: 0607 hrs.

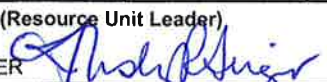

## SAFETY

- Anticipate **crownfire** initiation factors – fuel moisture and continuity, canopy height/spacing, wind, slope
- Indirect fireline/**unburned fuel and fire below you** = potential for burnover - eyes on fire at all times

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


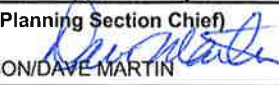
<b>1. Incident Name:</b>			<b>3.</b>			
MINERVA 5			Branch:		Division/Group:  <b>A / D</b>	
<b>2. Operational Period:</b> NIGHT						
Date/Time From: 08/04/2017 1800 FRI		Date/Time To: 08/05/2017 0600 SAT				
<b>4. Operations Personnel</b>						
NIGHT OPS		STEVE WATKINS		PLANNING OPS		CLINT GOULD
DIVISION/GROUP SUPERVISOR		DALE SHIPPELHOUTE		STAGING AREA MANAGER		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 - T2IA - PAS#06		08/17	DONALD WEIS	20	ICP/1800	ICP/0600
CREW - T2 - INBOUND LLC		08/17	JERRY CARGIL	20	ICP/1800	ICP/0600
<b>6. Control Operations/Work Assignments:</b>						
Hold and secure firelines.						
Mop up where safe to do so.						
<b>7. Special Instructions:</b>						
To get to the fire and take the 24N20 Road south to the fire. To leave the fire travel north on Forest Road 24N20 to north on the Forest Road 24N28. Head east on Bucks Lake Rd to Highway 70 back to the ICP.						
Backhaul excess supplies and trash.						
Red/Black flagging denotes areas of special concern to be avoided. If found contact DIVS and avoid the area.						
<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 PRI	3 NIFC C8	169.5375N		164.7125N	T2 - 123.0	A
COMMAND BACKUP	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
AIR GUARD	16 AIR GUARD	168.6250N		168.6250N	110.9	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
ANSLEY SINGER 			ARTIE COLSON/DAVE MARTIN 		08/04/2017	1348

## 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> NIGHT			<b>M</b>			
Date/Time From: 08/04/2017 1800 FRI		Date/Time To: 08/05/2017 0600 SAT				
<b>4. Operations Personnel</b>						
<b>NIGHT OPS</b> STEVE WATKINS		<b>PLANNING OPS</b> CLINT GOULD				
<b>DIVISION/GROUP SUPERVISOR</b> MICHAEL MARTINEZ			<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 - T2IA - PAS#05		08/17	FRANCIS CHADICK	20	ICP/1800	ICP/0600
CREW - T2 - MILLER TIMBER (C-32)		08/17	MIKE CAMPANNA	20	ICP/1800	ICP/0600
ENG - T3 - S/T OES 2870C		08/13	DONALD LINNEMAN	22	ICP/1800	ICP/0600
DOZ - T2 - BLM 3182		08/16	RUSSELL THILL	2	ICP/1800	ICP/0600
SOFR		08/16	JAMES WETTSTAED	1	ICP/1800	ICP/0600
MEDIC		08/17	SPENCER JOHNSON	1	ICP/1800	ICP/0600
FEMT		08/17	AUTUMN HOFFMAN	1	ICP/1800	ICP/0600
<b>6. Control Operations/Work Assignments:</b>						
Hold and secure firelines. Prepare to continue burnout operations if needed.						
<b>7. Special Instructions:</b>						
To get to the fire and take the 24N20 Raod south to the fire. To leave the fire travel north on Forest Road 24N20 to north on the Forest Road 24N28. Head east on Bucks Lake Rd to Highway 70 back to the ICP. Backhaul excess supplies and trash. Red/Black flagging denotes areas of special concern to be avoided. If found contact DIVS and avoid the area.						
<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 AIR GUARD	168.6250N		168.6250N	110.9	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
ANSLEY SINGER 			ARTIE COLSON/DAVE MARTIN 		08/04/2017	1348





## 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> NIGHT						
Date/Time From: 08/04/2017 1800 FRI		Date/Time To: 08/05/2017 0600 SAT				
<b>4. Operations Personnel</b>						
<b>NIGHT OPS</b>		STEVE WATKINS		<b>PLANNING OPS</b>		CLINT GOULD
<b>DIVISION/GROUP SUPERVISOR</b>		JORDAN TOWNSEND		<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 9243G (EVEN)		08/08	KYLE P FERRIS	30	ON LINE/1800	ICP/0600
ENG - T3 - S/T 9212C (EVEN)		08/11	GARRETT NEEDLES	20	ON LINE/1800	ICP/0600
DOZ - T2 - S/T 9151L		08/12	JAKE ROSEBROCK	6	ON LINE/1800	ICP/0600
DOZ - T2 - DUDLEYS' (E-163)		08/16	MIKE LINDAUER	2	ICP/1800	ICP/0600
SOFR		08/15	NICK MARTINO	1	ICP/1800	ICP/0600
SOFR (T)		08/15	MICHAEL ZIMMERMAN	1	ICP/1800	ICP/0600
MEDIC		08/18	JUSTIN RIVERA	1	ICP/1800	ICP/0600
MEDIC		08/18	MARK CASEY	1	ICP/1800	ICP/0600
HEQB		08/17	TREVOR PAPENFUSS	1	ICP/1800	ICP/0600
<b>6. Control Operations/Work Assignments:</b>						
Hold and secure firelines. Prepare to continue burnout operations if needed.						
<b>7. Special Instructions:</b>						
To get to the fire and take the 24N20 Raod south to the fire. To leave the fire travel north on Forest Road 24N20 to north on the Forest Road 24N28. Head east on Bucks Lake Rd to Highway 70 back to the ICP. Backhaul excess supplies and trash. Red/Black flagging denotes areas of special concern to be avoided. If found contact DIVS and avoid the area.						
<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 AIR GUARD	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>
ANSLEY SINGER 			ARTIE COLSON/DAVE MARTIN 		08/04/2017	1348



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

<b>1. Incident Name:</b>			<b>3.</b>			
MINERVA 5			Branch:		Division/Group:  <b>O / Z</b>	
<b>2. Operational Period:</b> NIGHT						
Date/Time From: 08/04/2017 1800 FRI		Date/Time To: 08/05/2017 0600 SAT				
<b>4. Operations Personnel</b>						
<b>NIGHT OPS</b>		STEVE WATKINS		<b>PLANNING OPS</b>		CLINT GOULD
<b>DIVISION/GROUP SUPERVISOR</b>		ROBERT RICE		<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 9231G (EVEN)		08/12	JOE MADSEN	30	ON LINE/1800	ICP/0600
ENG - T3 - S/T 9148C (EVEN)		08/12	RICARDO RODRIGUEZ	19	ON LINE/1800	ICP/0600
ENG - T6 - RIDGELINE FIRE (E-169)		08/17	MICHAEL ANDERSON	3	ICP/1800	ICP/0600
SOFR		08/15	NICK MARTINO	1	ICP/1800	ICP/0600
SOFR (T)		08/15	MICHAEL ZIMMERMAN	1	ICP/1800	ICP/0600
MEDIC		08/18	JUSTIN RIVERA	1	ICP/1800	ICP/0600
MEDIC		08/18	MARK CASEY	1	ICP/1800	ICP/0600
<b>6. Control Operations/Work Assignments:</b>						
Continue prep across 24N26 Road towards Peppard Flat and the 24N73 Road.						
<b>7. Special Instructions:</b>						
To get to the fire and take the 24N20 Road south to the fire. To leave the fire travel north on Forest Road 24N20 to north on the Forest Road 24N28. Head east on Bucks Lake Rd to Highway 70 back to the ICP.						
Backhaul excess supplies and trash.						
Red/Black flagging denotes areas of special concern to be avoided. If found contact DIVS and avoid the area.						
<b>8. Division/Group Communication Summary</b>						
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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 AIR GUARD	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 		08/04/2017	1348

## HEALTH AND SAFETY MESSAGE

***SAFETY*** starts with ***YOU***

We are **ALL** accountable for **SAFE** behaviors

Date: August 5/6, 2017

INCIDENT: **Minerva 5**

Day/Night Operations

### **Major Hazards and Risks:**

- **DRIVING:** Be aware of other drivers, personnel and wildlife in town  
Use defensive driving techniques, always use headlights, seatbelts, and spotters when backing  
Remember to use spotters when backing  
Use chock blocks, parking brakes, and turn wheels in high bank when parked
- **COMMUNICATION:** Maintain communication with all personnel within your span of control

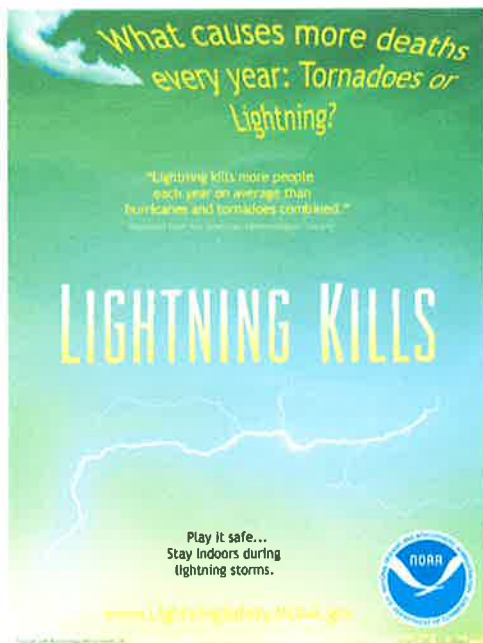
### Fire Order of the Day:

**Give Clear instructions and ensure they are understood**

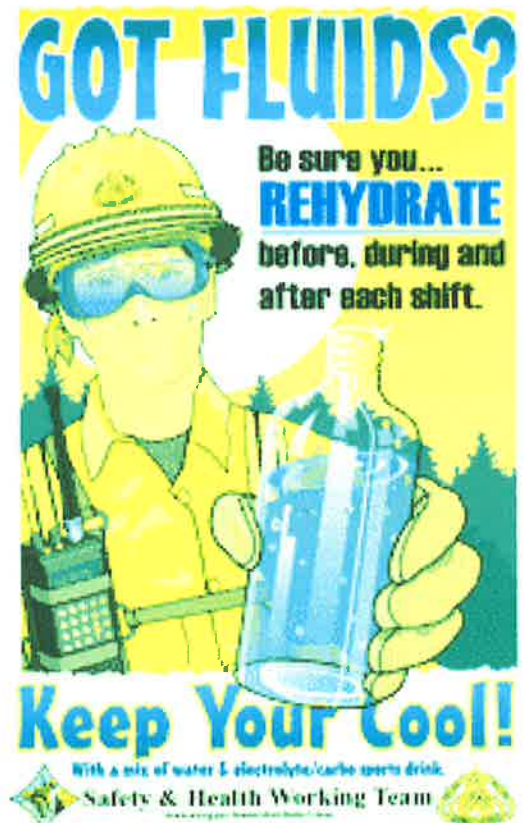
- Ensure all are involved in your briefing within your span of control
- Communicate hazards to others
- Acknowledge messages and instructions
- **ASK IF YOU DON'T KNOW OR UNDERSTAND!!**

### **Thunderstorm Safety**

- Check the Fire Weather Forecast for severe weather
- Review your IRPG on page 75 for more Safety info



### **HYDRATE YOURSELF!**



**Thanks from your Safety Team!!**

Ron Garcia SOF2

Greg Marfil SOF2(T)

- Take 6 quarts of water to the line
- Cache extra water ahead on the line
- Recognize dehydration symptoms

## INCIDENT SAFETY ANALYSIS 215a

Minerva 5 - Saturday, August 04, 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 safety 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>

*Run down SOF2*



# INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

<b>1. Incident Name:</b>		<b>2. Date/Time Prepared:</b>		<b>3. Operational Period:</b>	
MINERVA 5		Date: 08/04/2017 Time: 1348		Date/Time From: 08/04/2017 1800 Date/Time To: 08/05/2017 0600	
				NIGHT FRI	


  

4. Basic Radio Channel Use:										
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	BACK UP	171.4250N		163.1625N		A	TONE 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	AVAILABLE	168.6000N		168.6000N		A	REQUEST THROUGH OPS
15	7	TACTICAL	NIFC TAC 5	DIV A/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/Z	168.2500N		168.2500N		A	
15	10	TACTICAL	TAC 8	DIV N	171.1125N		171.1125N		A	
15	11	TACTICAL	TAC 9	AVAILABLE	164.7500N		164.7500N		A	REQUEST THROUGH OPS
15	12	TACTICAL	NIFC TAC 1	AVAILABLE	168.0500N		168.0500N		A	REQUEST THROUGH OPS
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	TONE ON TRANSMIT ONLY - URGENT AIRCRAFT CONTACT



<b>5. Special Instructions:</b>	
LAST CLONE 8-4-17	

<b>6. Prepared By</b>	(Communications Unit Leader)	Name: TROY VAUGHN
ICS 205	IAP Page	Signature:  Date/Time: 08/04/2017 1348



# MEDICAL PLAN (ICS 206 WF)

<b>1. Incident/Project Name</b>			<b>2. Operational Period</b>				
<b>Minerva Fire</b>			Date/Time: <b>08/04/2017 Night 1800-0600</b>				
<b>3. Ambulance Services</b>							
Name	Location	Phone & EMS Frequency		Advanced Life Support (ALS) Yes      No			
Plumas District Ambulance	ICP	530 604-6850		X			
<b>4. Air Ambulance Services (COORDINATE with AIR AMBULANCES on CALCORD tone 6)</b>							
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				
<b>5. Hospitals</b>							
Name & Level	GPS Datum – WGS 84 Degrees Decimal Minutes		Travel Time Air      Gnd		Phone	Helipad Yes      No	Address
Renown Medical Center Level Two Trauma Center	Lat:	N 39 31 28.7	:30	75 Min	(775) 982-4100	<input checked="" type="checkbox"/>	1155 Mill St. Reno NV.
	Long:	W 119 47 44.5					
	VHF:	Tx Rx					
Enloe Medical Center Level Two Trauma Center	Lat:	N 39 44 538	:30	115 Min	(530) 332-7414	<input checked="" type="checkbox"/>	1531 Esplanade Chico Ca. 95926
	Long:	W 121 50 949					
	VHF:	Tx Rx					
UC Davis Firefighters Burn Inst.	Lat:	N 38 33 17.5	:70	3.5 Hrs.	(916) 734-3636	<input checked="" type="checkbox"/>	4251 X St. Sacramento Ca. 95817
	Long:	W 121 27 19.6					
Plumas District Hospital	Lat:	N 39 56 23.6	:5	25 Min.	(530) 283-2121	<input checked="" type="checkbox"/>	1065 Bucks Lake Rd. Quincy Ca. 95971
	Long:	W 120 57 42.0					
	VHF:						
<b>6. Division / Crew Pre-plan. Update and discuss with assigned resources daily.</b>							
<b>Crew EMTs &amp; Equipment</b>							
<b>Fireline EMTs &amp; Location Adv. Life Support?</b>							
<b>Air Hoist site/Unimproved landing site: Lat: / Long:</b>							
<b>Helispot: Lat: / Long/ Elevation:</b>							
<b>Alternate, no-fly plan:</b>							
<b>7. Remote Aid Stations</b>							
		<b>Point of Contact:</b>		MEDL – Devin Lawrence 661 301-7143			
		<b>EMS Responders &amp; Capability:</b>					
		<b>Equipment Available on Site:</b>		Medical supplies			
		<b>Ambulance ETA :</b>		Air –		Ground –	
<b>8. Prepared By (Medical Unit Leader)</b>			<b>9. Date/Time</b>		<b>10. Reviewed By (Safety Officer)</b>		<b>11. Date/Time</b>
Devin Lawrence – MEDL 			8/4/2017 1000		Ron Garcia – SOF2 		8/4/17 1515

# 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 Life threatening injury or illness.</b> <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 Serious Injury or illness.</b> <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> Not a life threatening injury or illness. <i>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.

Human Resource Message

August 4, 2017

*Thought for the Day*

**F.I. R.E**

**Fatigue.....** Be Aware of fatigue having a negative impact on your conduct and speech.

**Integrity.....** Integrity and Honesty are vital on a fire. If you mess up, fess up, whatever you did can most likely be fixed if you report it as soon as you are aware of it.

**Respect.....** Treat others as you would like to be treated.

**Example.....** Set an example! Realize you influence others around you, therefore, always conduct yourself in a professional and competent manner, but still have fun. You are the face of our organization to the public.

Human Resource Specialist (HRSP) Fran Lindquist (209) 256-5908

Your HRSP Staff is collecting non-perishable food for the local community.

Please drop off any non-perishable food in the centrally located collection boxes.

Collection boxes will be located in the HRSP tent, the morning/evening Briefing area and the Federal Pay Trailer. The nonperishable food will be collected in the early evening and will be distributed once a week to a collection point in the local community.

If you have any questions, please feel free to contact:

Fran Lindquist (HRSP) at (209) 256-5908

*Thank you for your support to the local community*

# Training Specialist Message

## TRAINEES:

Even though we are still checking in people, if you are leaving please close out with the Training Specialist at the ICP when Demobing

Bring the following to the “exit interview”  
Your Taskbook, filled in by your trainer  
A completed Performance Evaluation.

It has been really great to work with all of you.  
Thanks!

**Derek Parker, Training Specialist**  
**South Central Sierra IIMT**  
**(916) 316-7388**





## QR Codes



**Weather Observations**



**Minerva 5 IAP Map**



