

# **SOUTH FIRE**

## **Incident Action Plan**

**Wednesday, September 11, 2019 (0700 – 1900)**



**IN MEMORY OF THOSE  
WE HAVE LOST**


## **A National Day of Service and Remembrance**



**KEEP A HIGH LEVEL OF  
SITUATIONAL AWARENESS**  
CA-SHF-001209 P5MRD419 (0514)  
Shasta-Trinity National Forest, Harrison Gulch RD





INCIDENT OBJECTIVES	1. Incident Name South	2. Date 09/10/2019	3. Time 1700
4. Operational Period September 11, 2019 DAY SHIFT			
<p><b><u>CONTROL OBJECTIVES</u></b></p> <ol style="list-style-type: none"> <li>1) Keep fire North of Ball Rock Road.</li> <li>2) Keep fire West of Maple Creek to prevent fire spread into the state DPA.</li> <li>3) Keep fire South of Maple Creek and Sheep Ridge to protect private structures in Sheep Camp.</li> <li>4) Keep fire East of Long Ridge and South Fork of Cottonwood Creek to minimize wilderness impacts.</li> </ol> <p><b><u>MANAGEMENT OBJECTIVES</u></b></p> <ol style="list-style-type: none"> <li>1) Provide for firefighter and public safety.</li> <li>2) Implement strategies and tactics that commit responders to operations where and when they can be successful, and recognizing when tactics are unnecessary and/or increase exposure to fire responders and pilots.</li> <li>3) Maintain a safe and positive working environment.</li> <li>4) Protect private and Forest Service infrastructure and cultural and natural resources.</li> <li>5) Limit long term impacts from suppression actions.</li> </ol>			
6. Weather Forecast for Period <ul style="list-style-type: none"> <li>• See attached weather forecast.</li> </ul>			
7. General Safety Message <ul style="list-style-type: none"> <li>• See attached safety messages.</li> </ul>			
8. Attachments (mark if attached)			
<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Weather	
<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> ICS215a	
<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input checked="" type="checkbox"/> ICS 220	<input type="checkbox"/> Rehab Considerations	
9. Prepared by (Planning Section Chief) Jeffrey Buscher	10. Approved by (Incident Commander) Dustan Mueller 		

<b>ORGANIZATION ASSIGNMENT LIST</b>	
1. Incident Name <b>South</b>	
2. Date September 10, 2019	3. Time 2000
4. Operational Period Day Shift, <b>September 11, 2019</b>	
Position	Name
5. Incident Commander and Staff	
Incident Commander	Dustan Mueller, Alan Taylor (t)
Deputy	
Safety Officer	Michele Tanzi, Jeff Barnhart
Information Officer	Barbara Rebiskie, Daniel Ramey (t)
Liaison Officer	Kent Swartzlander
Human Resources	Virgil Morrow
6. Agency Representative	
Agency Administrator	Tom Hall
Lead READ	Jessica Haggland
BLM ARGP	Jeremy Strait
Crane Mills Rep	Frank Barron
Tehama S.O. Rep	Andy Houghtby
CCC AREP	Chad Harris
7. Planning Section	
Chief	Jeff Buscher, Paul Zerr (t)
Resources Unit	Krystle Gleason, Marisa Williams (t)
Situation Unit	Tad Morelock, Peter Martens (t)
Demobilization Unit	Gary Deboi
Training	
ITSS	George Steel, Jim Gonzalez (t)
GISS	Matt Dickinson, Kent Bloomer, Devin Quintana
FBAN	Stewart Turner
IMET	Jim Dudley
LTAN	Eric Kronner (t)
SCKN	Veronica Garza
8. Logistics Section	
Chief	Richard Crowther
Ordering	Josh Ramey, Della Webb
Facilities Unit	Jeff Huhtala, Frank delCarlo

Ground Support Unit	Mike Jellison
Equipment Manager	Mark Vardanega, Nick Lee
Communications Unit	Richard Stone
Medical Unit	Josh Ramey, Josh Hadley (t)
Receiving & Distribution	Fred Johnson
Food Unit	Jay Westlake
Security Manager	
9. Operations Section	
Operations – Day	Alec Lane, Robert Rice (t)
Operations - Night	
Planning Ops	Mike Minton, Troy Mueller (t)
a. Division/Groups	
<b>DAY</b>	
Division/Group QQ	Billy Covert
Division/Group RR	Pete English, Manual Ortiz (t)
Division/Group WW	Robert Hickok
Division/Group XX	Adrian Villegas
Contingency	Drew Brown
Division/Group Night	Matt Donnelly
Division/Group	
Division/Group	
Division/Group	
Division/Group	
Division/Group	
Division/Group	
Division/Group	
Division/Group	
Division/Group	
Division/Group	
Division/Group	
Division/Group	
Division/Group	
Division/Group	
c. Air Operations Branch	
Air Operations Branch Director	Kerry Koskela
Air Support Supervisor	
10. Finance Section	
Chief	Lois Charlton
Time Unit	
Equipment Time Recorder	Robert Jeter
Procurement	
Personnel Time Recorder	Holly Cardoza, Ken Primrose
Prepared by (Resource Unit Leader) Gary R. Deboi	





# INCIDENT Weather Forecast



**FORECAST NO:** 3

**NAME OF FIRE:** South

**PREDICTION FOR:** Day/Night Shift

**UNIT:** Shasta Trinity National Forest

**SHIFT DATE:** 09/11/19

**SIGNED:** *James B Dudley*

**TIME AND DATE**

**Incident Meteorologist**

**FORECAST ISSUED:** 1900 on 09/10/19

**WEATHER DISCUSSION:** High pressure will build over the region with a warming and drying trend, Winds will be mainly terrain driven at the surface with generally a light east to northeast wind aloft. The ridge of high pressure will persist into the weekend.

**.WEDNESDAY...**

Sky/weather.....Mostly sunny and warmer.  
CWR.....0 percent.  
LAL.....1.  
Max temperature....70-75 at 5000 feet and 80-83 at 2500 feet (including Branch X).  
Min humidity.....30-35 percent at 5000 feet and 23-28 percent at 2500 feet.  
Wind (20 ft).....Northeast 3-6 mph.  
Mixing height.....Increasing to around 9000 ft AGL.  
Transport winds....Northwest around 15 mph.

**.WEDNESDAY NIGHT...**

Sky/weather.....Clear.  
CWR.....0 percent.  
LAL.....1.  
Min temperature....47-50 at 5000 feet and 51-54 at 2500 feet (including Branch X).  
Max humidity.....55-60 percent at 5000 feet and 50-55 percent at 2500 feet.  
Wind (20 ft).....Downslope/Downcanyon 2-5 mph.  
Mixing height.....Lowering to less than 500 ft AGL.  
Transport winds....Northeast around 10 mph.

**.THURSDAY...**

Sky/weather.....Sunny and warmer.  
CWR.....0 percent.  
LAL.....1.  
Max temperature....75-81 at 5000 feet and 85-90 at 2500 feet (including Branch X).  
Min humidity.....24-28 percent at 5000 feet and 18-22 percent at 2500 feet.  
Wind (20 ft).....East 3-6 mph.  
Mixing height.....Increasing to around 10000 ft AGL.  
Transport winds....Southwest around 5 mph.

# FIRE BEHAVIOR FORECAST

<b>FORECAST NUMBER:</b> 5	<b>TYPE OF FIRE:</b> Wildland Fire
<b>FIRE NAME:</b> South	<b>OPERATIONAL PERIOD:</b> Day/Night 9/11
<b>DATE ISSUED:</b> 09/10	<b>TIME ISSUED:</b> 1900
<b>UNIT:</b> SHF	<b>SIGNED:</b> Eric Kronner LTAN(t)/ Stewart Turner (FBAN)

## INPUTS

**WEATHER SUMMARY:** See Weather Forecast in IAP

### FIRE BEHAVIOR:

Warmer and drier conditions and an expected light Northerly winds could increase fire behavior from yesterday, but I do expect minimal growth.

### GENERAL:

Fuels in the area range from grass in the lower elevations (cured), and heavy brush in mid elevations (below average fuel moistures). The fire is in a Fuels and Fire Behavior Advisory for above average fuel loading.

The topography ranges from rolling hills to steep drainages. The drainages can be narrow and will funnel predominant winds. Ridgetops are also narrow, expect slop overs and spots on fire challenged ridgetops.

#### Fuel moistures – Sunflower 2000' elevation

- Chamise – 43%.
- Manzanita – 54%

### SPECIFIC:

**Div WW- No fire behavior is expected.**

**Div XX- Slight possibility of continuous pockets of fuels to make short runs towards Nuisance Ridge. Any unchecked heat on the ridge could produce rollout and corresponding uphill runs on the North aspect.**

**Div RR- The Hamilton Gulch Creek bowl will continue to consume unburnt fuels with moderate fire behavior backing, and flanking into the drainages with short uphill runs.**

**Div QQ- Fire behavior is expected to be backing downslope with the potential for rollout and corresponding uphill runs in Section 13.**

### Branch X

The fire is burning in the Elkhorn creek drainage. Primary spread has been on the West side of Elkhorn creek towards and along the ridgetop through understory burning and flanking fire. The drainage is steep, monitor for rollout. WNW winds and sun angle in the late afternoon will slightly increase fire activity. If the fire crosses east of Elkhorn creek the brush is more predominant and the aspect will be in full sun. Uphill runs here will move quickly and produce spots on the eastside of Elk horn peak.

#### \*Fire Behavior for Optimal Alignment\* Receptive Fuels

Fuel Type	ROS Head Fire	Flame Length (Ft)
Brush	1.5 – 2 mi/hr or 120-160 ch/hr	25'-30'
Timber Understory	.1- .25 mi/hr or 5-6 ch/hr	4'-6'

### AIR OPERATIONS:

Clear except areas of smoke. No inversion expected.

## SAFETY

Post lookouts to monitor for rollout and slope reversals.

Account for steep and broken terrain when considering escape routes and safety zones.

Fuels can react quickly to shade from smoke or clouds, if conditions change overhead they will also change on the ground.

# Fuels and Fire Behavior Advisory

## Northern California Sacramento Valley

September 1st - September 16th, 2019



**Subject:** Increased fire intensity may be experienced in the Sacramento Valley and foothills, where high grass fuel loading combined with dead and down fuel from mid-February snow storm have left a highly receptive fuel bed.

**Discussion:** Since January 1st the entire region has received above average precipitation, with a large portion at 150% or more of normal. With the above average precipitation the fine fuel loading in valley areas is very high. On February 13<sup>th</sup> heavy snow at lower elevations of the northern part of the valley levelled many live oaks and caused increased fuel loading from branches and downed trees. These two factors combined to create a significant increase in fuel loading.

**Difference from normal conditions:** The fine fuel crop of the Sacramento Valley and surrounding foothills have reached 138% of average for May 1. Much of this is at least 80% cured and receptive to fire growth. This is the fourth consecutive year of above normal fuel loading. Prior to the 2015/2016 growing season, only two successive years of above normal were ever recorded.

The full extent of the debris and fuel loading resulting from this February snow storm has not been documented. However, much of the northern part of the valley, from northern Tehama county and most of Shasta County, below 2000 foot, still has an abundant amount of additional fuel loading. Down trees and branches are dried out and not only adding to the intensity of the fuel bed but creating a ladder fuel situation from the cured grass to the canopy.

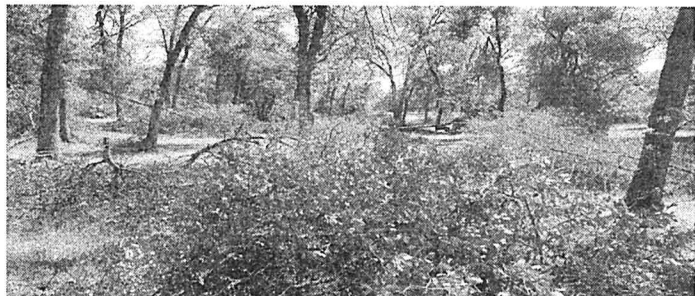
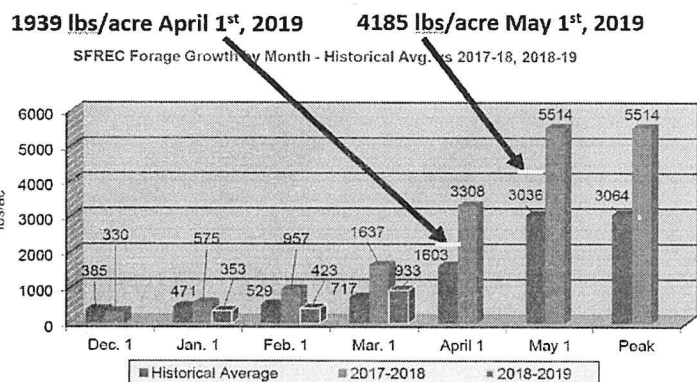
### Concerns to Firefighters and the Public:

- Additional fuel loading will make containment lines more difficult to put in and harder to hold when utilizing roads that may have large amounts of materials stacked along them.
- Due to the abnormally high fuel loading, increased fire behavior such as increased flame lengths, fire line intensity, torching, and increased spotting potential can be expected.
- Within the areas of valley oaks, damaged trees and snags will be a major concern as higher decay rates contribute to an increase in falling canopy material.

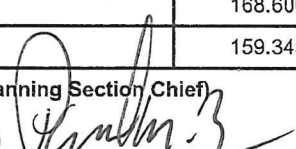
### Mitigation Measures:

- Brief all incoming resources about these conditions, especially out-of-area resources unfamiliar with local conditions.
- Modify tactics to account for increased fire line intensity, spotting and high resistance to control.
- Review the most current Northern California 7-day Significant Fire Potential along with Daily, Monthly and Seasonal Outlooks at: <http://www.predictiveservices.nifc.gov/outlooks/outlooks.htm>

**Area of Concern:** Sacramento Valley, NCO5, North of Hwy 36 to Shasta Lake City



**Division/Group Assignment List (ICS 204 WF)**  
Controlled Unclassified Information//Basic

<b>1. Incident Name:</b>		<b>3.</b>				
SOUTH FIRE		Branch:		Division/Group:		
<b>2. Operational Period:</b>		DAY				
Date/Time From:	Date/Time To:	QQ				
09/11/2019 0700	09/11/2019 1900					
WED	WED					
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>	ALEC LANE ROBERT RICE (T)	<b>DIVISION/GROUP SUPERVISOR</b>		BILLY COVERT		
<b>PLANNING OPS</b>	MICHAEL MINTON TROY MUELLER (T)	<b>AIR ATTACK SUPERVISOR</b>				
<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	
WFM WARM SPRINGS (O-16)	09/21	ROBERT SJOLUND	10	SPIKE CAMP/0700	SPIKE CAMP/1900	
WFM MAMMOTH WFM (O-78)	09/24	ZACK SELMER	9	SPIKE CAMP/0700	SPIKE CAMP/1900	
EMPF TRUBIN (O-48)	09/22	VLADIMIR TRUBIN	1	SPIKE CAMP/0700	SPIKE CAMP/1900	
EMTF BENNETT-SNOW (O-31)	09/22	JOSH BENNETT-SNOW	1	SPIKE CAMP/0700	SPIKE CAMP/1900	
SOF2 MORLOCK (O-27)	09/22	JOHN MORLOCK	1	SPIKE CAMP/0700	SPIKE CAMP/1900	
<b>6. Control Operations/Work Assignments:</b>						
Scout for opportunities to keep fire north of Cottonwood Creek. Use trail systems in Wilderness Area as needed for containment lines.						
AMBULANCE WILL BE SPIKED AT DP-100 DURING NIGHT SHIFT, AVAILABLE TO RESPOND IF NEEDED.						
<b>7. Special Instructions:</b>						
Utilize MIST tactics in wilderness.						
<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	1 (CMD 1)	170.4500		168.1000	T-9 (100.0)	A
COMMAND	2 (CMD 2)	169.5375		164.7125	T-9 (100.0)	A
TACTICAL	4 (TAC 3)	168.6000		168.6000	T-9 (100.0)	A
AIR TO GROUND	13 (CDF A/G)	159.3450		159.3450	T-16 (192.8)	A
<b>9. Prepared By (Resource Unit Leader)</b>		<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>	
KRYSTLE GLEASON/MARISA WILLIAMS (T)		PAUL ZERR (T) 		09/10/2019	2100	



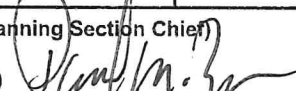
**Division/Group Assignment List (ICS 204 WF)**  
**Controlled Unclassified Information//Basic**

<b>1. Incident Name:</b>		<b>3.</b>	
SOUTH FIRE		<b>Branch:</b>	<b>Division/Group:</b>
<b>2. Operational Period:</b>		RR	
<b>DAY</b>			
Date/Time From: 09/11/2019 0700	WED	Date/Time To: 09/11/2019 1900	WED

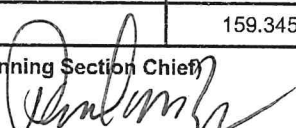
<b>4. Operations Personnel</b>			
<b>OPERATIONS CHIEF</b>	ALEC LANE ROBERT RICE (T)	<b>DIVISION/GROUP SUPERVISOR</b>	PETE ENGLISH MANUEL ORTIZ (T)
<b>PLANNING OPS</b>	MIKE MINTON TROY MUELLER (T)	<b>AIR ATTACK SUPERVISOR</b>	

<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
HC1 TRINITY IHC (C-17)	09/23	RICHARD REPOSA	19	ICP/0700	ICP/1900
HC2I FEATHER RIVER (C-16)	09/24	ANDRE MORENO	20	ICP/0700	ICP/1900
HC2I OHIO STATE CREW (C-7)	09/23	RON CARTER	20	ICP/0700	ICP/1900
HC2I NOREAST INTERAGENCY 1 (C-6)	09/22	JOHN JANELLE	20	ICP/0700	ICP/1900
HC2 WEST COAST REFORESTATION (C-14)	09/23	HOMERO HERNANDEZ	20	ICP/0700	ICP/1900
ENG3 FIRESTORM 9908 (E-4)	09/17	JAMES AURENTZ	3	ICP/0700	ICP/1900
ENG6 VOLCANO 1 (E-7)	09/19	JOHN WICKSTROM	3	ICP/0700	ICP/1900
ENG6 MT ADAMS 624 (E-8)	09/19	CHUCK NEWBERRY	3	ICP/0700	ICP/1900
WTS2 T AND S DVBE 1 (E-12)	09/21	CASEY FRESHOUR	1	ICP/0700	ICP/1900
WTS2 T AND S DVBE 2 (E-13)	09/21	MICHAEL GRAVES	1	ICP/0700	ICP/1900
WTS2 HODGETTS (E-14)	09/21	MARK HODGETTS	1	ICP/0700	ICP/1900
WTS3 DIETZ EQUIPMENT (E-22)	09/21	WAYNE CONNER	1	ICP/0700	ICP/1900
FELB SMITH (O-40)	09/23	PAUL SMITH	1	ICP/0700	ICP/1900
FELB PENNACCHIO (O-80)	09/24	MIKE PENNACCHIO	1	ICP/0700	ICP/1900
FMOD AMERICAN TIMBER AND FIRE (O-69)	09/21	JOE SULLIVAN /RAYMOND SCHLATTER	2	ICP/0700	ICP/1900
FMOD NORTH ZONE FALLERS MOD 13 (O-70)	09/21	LUKE HELFINSTINE/DUSTAN WELLS	2	ICP/0700	ICP/1900
TFLD CHARTIER (O-21)	09/22	CODY CHARTIER	1	ICP/0700	ICP/1900
TFLD (T) ROHRS (O-64)		KEITH ROHRS	1	ICP/0700	ICP/1900
READ/REAF HAGLUND (O-65)	09/21	JESSICA HAGLUND	1	ICP/0700	ICP/1900

<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	1 (CMD 1)	170.4500		168.1000	T-9 (100.0)	A
COMMAND	2 (CMD 2)	169.5375		164.7125	T-9 (100.0)	A
TACTICAL	5 (TAC 4)	166.7250		166.7250	T-9 (100.0)	A
AIR TO GROUND	13 (CDF AG)	159.3450		159.3450	T-16 (192.8)	A

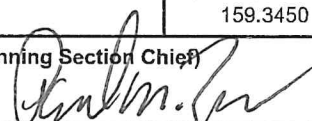
<b>9. Prepared By (Resource Unit Leader)</b>	<b>Approved By (Planning Section Chief)</b>	<b>Date</b>	<b>Time</b>
KRYSTLEGLEASON/MARISA WILLIAMS (T)	PAUL ZERR (T) 	09/10/2019	2100

**Division/Group Assignment List (ICS 204 WF)**  
Controlled Unclassified Information//Basic

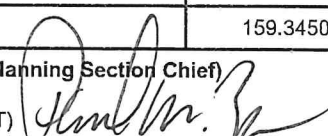
<b>1. Incident Name:</b>		<b>3.</b>				
SOUTH FIRE		Branch:		Division/Group:		
<b>2. Operational Period:</b>		DAY				
Date/Time From: 09/11/2019 0700 WED		Date/Time To: 09/11/2019 1900 WED		RR		
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		ALEC LANE ROBERT RICE (T)		<b>DIVISION/GROUP SUPERVISOR</b>		PETE ENGLISH MANUEL ORTIZ (T)
<b>PLANNING OPS</b>		MIKE MINTON TROY MUELLER (T)		<b>AIR ATTACK SUPERVISOR</b>		
<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 GRAVES (O-63)		09/22	KENNETH GRAVES	1	ICP/0700	ICP/1900
EMPF LARKIN (O-47)		09/22	MIKE LARKIN	1	ICP/0700	ICP/1900
EMTF BRODBECK (O-29)		09/21	MIKE BRODBECK	1	ICP/0700	ICP/1900
SOFR KNIPE (O-28)		09/22	MARTY KNIPE	1	SPIKE 100/0700	SPIKE 100/1900
<b>6. Control Operations/Work Assignments:</b>						
Scout trail systems and identify prep needs.						
Prep Tomhead Mountain Lookout, improve Buck Camp, and do point protection on Buck Camp.						
Continue to prep Cabin Ridge to the 9W37 trail. Scout 9W37 trail towards Hawk Camp.						
<b>7. Special Instructions:</b>						
Utilize MIST tactics in Wilderness area.						
MOUNT SHASTA AMBULANCE (MEDIC 75) @ DP 110 DURING DAY SHIFT, UNLESS DIRECTED OTHERWISE.						
AMBULANCE WILL BE SPIKED AT DP 100 DURING NIGHT SHIFT, AVAILABLE TO RESPOND IF NEEDED.						
<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	1 (CMD 1)	170.4500		168.1000	T-9 (100.0)	A
COMMAND	2 (CMD 2)	169.5375		164.7125	T-9 (100.0)	A
TACTICAL	5 (TAC 4)	166.7250		166.7250	T-9 (100.0)	A
AIR TO GROUND	13 (CDF AG)	159.3450		159.3450	T-16 (192.8)	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
KRYSTLEGLEASON/MARISA WILLIAMS (T)			PAUL ZERR (T) 		09/10/2019	2100



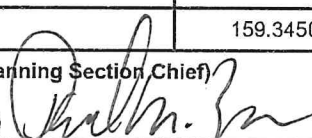
**Division/Group Assignment List (ICS 204 WF)**  
Controlled Unclassified Information//Basic

<b>1. Incident Name:</b>		<b>3.</b>				
SOUTH FIRE		Branch:		Division/Group:		
<b>2. Operational Period:</b>		DAY				
Date/Time From: 09/11/2019 0700 WED		Date/Time To: 09/11/2019 1900 WED		WW		
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		ALEC LANE ROBERT RICE (T)		<b>DIVISION/GROUP SUPERVISOR</b>		ROBERT HICKOK
<b>PLANNING OPS</b>		MIKE MINTON TROY MUELLER (T)		<b>AIR ATTACK SUPERVISOR</b>		
<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
HC1 IDAHO PANHANDLE IHC (C-1)		09/22	CHRIS SMITH	21	SPIKE 100/0700	SPIKE 100/1900
HC1 WYOMING IHC (C-2)		09/23	MATT PRENTISS	20	ICP/0700	ICP/1900
DOZ2 HENTHORN EQUIPMENT (E-60)		09/24	JEFFEREY HENTHORN	2	ICP/0700	ICP/1900
REAF ANDERSON (O-62)		09/19	GALEN ANDERSON	1	ICP/0700	ICP/1900
FOBS BRANDON OBERHARD O-43		09/22	BRANDON OBERHARD	1	ICP/0700	ICP/1900
FOBS CANN O-44		09/22	BRUCE CANN	1	ICP/0700	ICP/1900
EMPF ZUNIGA (O-49)		09/22	DANIEL ZUNIGA	1	SPIKE 100/0700	SPIKE 100/1900
EMTF HAMER (O-30)		09/21	BRYAN HAMER	1	SPIKE 100/0700	SPIKE 100/1900
SOF2 BARNHART (O-37.25)		09/21	JEFFREY BARNHART	1	SPIKE 100/0700	SPIKE 100/1900
<b>6. Control Operations/Work Assignments:</b>						
Look for areas to go direct with handline construction and cold trailing.						
Continue to open roads for better access.						
<b>7. Special Instructions:</b>						
MOUNT SHASTA AMBULANCE (MEDIC 75) @ DP 110 DURING DAY SHIFT, UNLESS DIRECTED OTHERWISE.						
AMBULANCE WILL BE SPIKED AT DP 100 DURING NIGHT SHIFT, AVAILABLE TO RESPOND IF NEEDED.						
<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	1 (CMD 1)	170.4500		168.1000	T-9 (100.0)	A
COMMAND	2 (CMD 2)	169.5375		164.7125	T-9 (100.0)	A
TACTICAL	3 (TAC 1)	168.0500		168.0500	T-9 (100.0)	A
AIR TO GROUND	13 (CDF A/G)	159.3450		159.3450	T-16 (192.8)	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
KRYSTLE GLEASON/MARISA WILLIAMS (T)			PAUL ZERR (T) 		09/10/2019	2100

**Division/Group Assignment List (ICS 204 WF)**  
Controlled Unclassified Information//Basic

<b>1. Incident Name:</b>		<b>3.</b>				
SOUTH FIRE		<b>Branch:</b>		<b>Division/Group:</b>		
<b>2. Operational Period:</b>		<b>DAY</b>				
Date/Time From: 09/11/2019 0700      WED		Date/Time To: 09/11/2019 1900      WED		<b>XX</b>		
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		ALEC LANE ROBERT RICE (T)		<b>DIVISION/GROUP SUPERVISOR</b>		ADRIAN VILLEGAS
<b>PLANNING OPS</b>		MIKE MINTON TROY MUELLER (T)		<b>AIR ATTACK SUPERVISOR</b>		
<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
HC1 SNAKE RIVER IHC (C-4)		09/23	KENNY BOCHNIAK	19	SPIKE 100/0700	SPIKE 100/1900
HC2 PATRICK ENVIRONMENTAL (C-8)		09/21	PHILLIP RIDGLEY	20	SPIKE 100/0700	SPIKE 100/1900
HC2 PACIFIC OASIS (C-15)		09/23	DONOVAN CULP	20	SPIKE 100/0700	SPIKE 100/1900
HC2 BIRRUETA REFORESTATION (C-9)		09/21	ANTONIO BIRRUETA	20	ICP/0700	ICP/1900
HC2 BIRRUETA REFORESTATION (C-10)		09/21	JOSE IBARRA	20	ICP/0700	ICP/1900
ENG3 JACKSONVILLE 25 (E-2)		09/19	LUKE SCHONEBERGER	3	ICP/0700	ICP/1900
ENG3 FIREMOG 442 (E-3)		09/19	KEVIN STULTZ	3	ICP/0700	ICP/1900
WTS2 VALLEY TIMBER (E-11)		09/21	CHRIS CONRAD	1	ICP/0700	ICP/1900
WTS2 WARREN PARTRIDGE (E-66)		09/23	CHEQUITA PEACOCK	1	ICP/0700	ICP/1900
WTS2 DARRAH LOGGING (E-77)		09/24	RICK RESH	1	ICP/0700	ICP/1900
TFLD BERNARDI (O-26)		09/22	CARL BERNARDI	1	ICP/0700	ICP/1900
TFLD KRIZMAN (O-20)		09/22	JAMES KRIZMAN	1	ICP/0700	ICP/1900
TFLD SANDERS (O-18)		09/20	BILL SANDERS	1	ICP/0700	ICP/1900
TFLD GILBERT (O-91)		09/24	JOHN GILBERT (T)	1	ICP/0700	ICP/1900
HEQB WEBB (O-86)		09/24	JOSEPH WEBB	1	ICP/0700	ICP/1900
HEQB HALL (O-102)		09/24	JAMES HALL	1	ICP/0700	ICP/1900
HEQB HOGGARD (O-79)		09/24	WILLIE HOGGARD	1	ICP/0700	ICP/1900
DOZ2 GREGORY (E-15)		09/21	TOM GREGORY	2	ICP/0700	ICP/1900
DOZ2 ROSEVEAR (E-16)		09/20	JACK ROSEVEAR	3	ICP/0700	ICP/1900
DOZ2 NORTHWESTERN FIRE SUPPORT (E-61)		09/23	KENNY DINNING	2	ICP/0700	ICP/1900
<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	1 (CMD 1)	170.4500		168.1000	T-9 (100.0)	A
COMMAND	2 (CMD 2)	169.5375		164.7125	T-9 (100.0)	A
TACTICAL	6 (TAC 5)	166.7750		166.7750	T-9 (100.0)	A
AIR TO GROUND	13 (CDF A/G)	159.3450		159.3450	T-16 (192.8)	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
KRYSTLE GLEASON/MARISA WILLIAMS (T)			PAUL ZERR (T) 		09/10/2019	2100

**Division/Group Assignment List (ICS 204 WF)**  
**Controlled Unclassified Information//Basic**

<b>1. Incident Name:</b>			<b>3.</b>			
SOUTH FIRE			<b>Branch:</b>		<b>Division/Group:</b>	
<b>2. Operational Period:</b> DAY					<b>XX</b>	
Date/Time From: 09/11/2019 0700 WED		Date/Time To: 09/11/2019 1900 WED				
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>		ALEC LANE ROBERT RICE (T)		<b>DIVISION/GROUP SUPERVISOR</b>		ADRIAN VILLEGAS
<b>PLANNING OPS</b>		MIKE MINTON TROY MUELLER (T)		<b>AIR ATTACK SUPERVISOR</b>		
<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
DOZ2 NORTHWESTERN FIRE (E-62)		09/23	NICK DUNNE/THAD STEVENS	2	ICP/0700	ICP/1900
REAF/READ HAGLUND (O-65)		09/21	JESSICA HAGLUND	1	ICP/0700	ICP/1900
REAF ANDERSON (O-62)		09/19	GALEN ANDERSON	1	ICP/0700	ICP/1900
EMPF ZUNIGA (O-49)		09/21	DANIEL ZUNIGA	1	SPIKE 100/0700	SPIKE 100/1900
EMTF HAMER (O-30)		09/21	BRYAN HAMER	1	SPIKE 100/0700	SPIKE 100/1900
SOFR KNIPE (O-28)		09/22	MARTY KNIPE	1	SPIKE 100/0700	SPIKE 100/1900
<b>6. Control Operations/Work Assignments:</b>						
Continue to prep around Hamilton and Saddle Camp structures.						
Scout Nuisance Ridge for opportunities to construct line.						
Use direct dozer line and handline.						
<b>7. Special Instructions:</b>						
MOUNT SHASTA AMBULANCE (MEDIC 75) @ DP 110 DURING DAY SHIFT, UNLESS DIRECTED OTHERWISE.						
AMBULANCE WILL BE SPIKED AT DP 100 DURING NIGHT SHIFT, AVAILABLE TO RESPOND IF NEEDED.						
<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	1 (CMD 1)	170.4500		168.1000	T-9 (100.0)	A
COMMAND	2 (CMD 2)	169.5375		164.7125	T-9 (100.0)	A
TACTICAL	6 (TAC 5)	166.7750		166.7750	T-9 (100.0)	A
AIR TO GROUND	13 (CDF A/G)	159.3450		159.3450	T-16 (192.8)	A
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
KRYSTLE GLEASON/MARISA WILLIAMS (T)			PAUL ZERR (T) 		09/10/2019	2100

**Division/Group Assignment List (ICS 204 WF)**  
**Controlled Unclassified Information//Basic**

<b>1. Incident Name:</b>		<b>3.</b>	
SOUTH FIRE		Branch:	Division/Group:
<b>2. Operational Period:</b> DAY			
Date/Time From: 09/11/2019 0700	WED	Date/Time To: 09/11/2019 1900	WED

**CONTINGENCY**

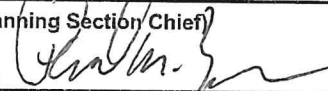
4. Operations Personnel			
<b>OPERATIONS CHIEF</b>	ALEC LANE ROBERT RICE (T)	<b>DIVISION/GROUP SUPERVISOR</b>	DREW BROWN
<b>PLANNING OPS</b>	MICHAEL MINTON TROY MUELLER (T)	<b>AIR ATTACK SUPERVISOR</b>	

5. Resources Assigned this Period					
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
S/T 1608C (E-10)	09/22	HECTOR SANCHEZ	27	SPIKE 100/0700	SPIKE 100/1900
SOFR2 BARNHART (O-37.25)	09/22	JEFF BARNHART	1	SPIKE 100/0700	SPIKE 100/1900

**6. Control Operations/Work Assignments:**  
 Establish structure protection measures in the Sheep Camp area and coordinate with Division XX.  
 Establish new water drafting sites.

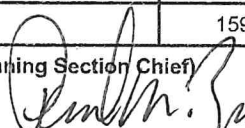
**7. Special Instructions:**  
 Scout and Identify secondary and contingency control features north of the Nuisance Ridge. Contribute to contingency and pace planning for the incident.  
 MOUNT SHASTA AMBULANCE (MEDIC 75) @ DP 110 UNLESS DIRECTED OTHERWISE.

8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1 (CMD 1)	170.4500		168.1000	T-9 (100.0)	A
COMMAND	2 (CMD 2)	169.5375		164.7125	T-9 (100.0)	A
TACTICAL	7 (TAC 6)	168.2500		168.2500	T-9 (100.0)	A
AIR TO GROUND	13 (CDF A/G)	159.3450		159.3450	T-16 (192.8)	A

<b>9. Prepared By (Resource Unit Leader)</b> KRYSTLE GLEASON/MARISA WILLIAMS (T)	<b>Approved By (Planning Section Chief)</b> PAUL ZERR (T) 	Date 09/10/2019	Time 2100
-------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------	--------------------	--------------



**Division/Group Assignment List (ICS 204 WF)**  
Controlled Unclassified Information//Basic

<b>1. Incident Name:</b>		<b>3.</b>				
SOUTH FIRE		Branch:		Division/Group:		
<b>2. Operational Period:</b>		NIGHT				
Date/Time From:	Date/Time To:					
09/11/2019 1900 WED	09/12/2019 0700 THU					
<b>4. Operations Personnel</b>						
<b>OPERATIONS CHIEF</b>	ALEC LANE ROBERT RICE (T)	<b>DIVISION/GROUP SUPERVISOR</b>	MATT DONNELLY			
<b>PLANNING OPS</b>	MIKE MINTON TROY MUELLER (T)	<b>AIR ATTACK SUPERVISOR</b>				
<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	
HC2I PENNSYLVANIA CREW (C-19)	09/23	JAKE GLICK	20	ICP/1900	ICP/0700	
ENG3 HOOPA 9532 (E-1)	09/19	ROCKY COLEGROVE	4	ICP/1900	ICP/0700	
ENG6 BELLA 452 (E-6)	09/19	LIEF LARSON	3	ICP/1900	ICP/0700	
WTT2 TRI-STATE FIRE 74 (E-36)	09/23	FRANCESCO MOORE	2	ICP/1900	ICP/0700	
<b>6. Control Operations/Work Assignments:</b>						
Monitor fire behavior in Glade.						
Provide point protection as needed in Glade, Buck Camp, and Tomhead Mountain.						
<b>7. Special Instructions:</b>						
Use East travel corridor for travel in and out.						
MOUNT SHASTA AMBULANCE (MEDIC 75) @ DP 110 DURING DAY SHIFT, UNLESS DIRECTED OTHERWISE.						
AMBULANCE WILL BE SPIKED AT DP 100 DURING NIGHT SHIFT, AVAILABLE TO RESPOND IF NEEDED.						
<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	1 (CMD 1)	170.4500		168.1000	T-9 (100.0)	A
COMMAND	2 (CMD 2)	169.5375		164.7125	T-9 (100.0)	A
TACTICAL	5 (TAC 4)	166.7250		166.7250	T-9 (100.0)	A
AIR TO GROUND	13 (CDF A/G)	159.3450		159.3450	T-16 (192.8)	A
<b>9. Prepared By (Resource Unit Leader)</b>		<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>	
KRYSTLE GLEASON/MARISA WILLIAMS (T)		PAUL ZERR (T) 		09/10/2019	2102	

**AIR OPERATIONS SUMMARY**

Prepared By: Kerry Koskela

Prepared Date: 10 Sept, 2019

Prepared Time: 1900

<b>1. INCIDENT NAME:</b> South Fire	<b>2. OPS PERIOD DATE:</b> 11 Sept, 2019	<b>START TIME:</b> 0700	<b>END TIME:</b> 2000	<b>SUNRISE:</b> 06:46	<b>SUNSET:</b> 19:25
<b>3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.):</b> Supplement to the Red Bank ICS 220 for aircraft working on the South Fire, north of Cottonwood Creek. Air to Ground Command should be used for longer conversations and briefings or when Tactical Air to Ground is congested. 3000 Gallon dip tank at helispot – 100 for use by medium helicopters.					
<b>4. READY ALERT AIRCRAFT MEDEVAC - See Medical Plan</b>			<b>5. TFR #:</b> 9/4967 <b>Altitude:</b> 11,000' MSL <b>Frequency :</b> 132.2750 <b>Polygon corners:</b> 40°15'00"N X 122°58'00"W 40°15'00"N X 122°33'00"W 40°02'00"N X 122°33'00"W 40°02'00"N X 122°58'00"W		

<b>6. PERSONNEL</b>	<b>NAME</b>	<b>PHONE #</b>	<b>7. FREQUENCIES</b>	<b>AM</b>	<b>FM</b>	<b>8. FIXED-WING- Type/ Make-Model/ N#/ Base</b>
<b>AOBD South Fire</b>	Kerry Koskela	559-359-2122	FAA tower	119.4250		
<b>AOBD Red Bank Fire</b>	Ethan Darnall Sean Ohara (t)	530-200-2514 530-448-2414	Air to Air RW & TFR	132.2750	169.4875	<b>AIRTANKERS- TBA</b>
<b>ASGS</b>			Air Tactics FW		159.3450 Tone 16 (192.8) Tx & Rx	<b>LEAD PLANES- TBA</b>
<b>ATGS</b>			Air to Ground Tactical		167.0625	<b>ATGS AIRCRAFT- TBA</b>
			Air to Ground Command			
			Command See Communications Plan			
<b>HEB1</b>			DECK		163.1000	
			CALCORD tone guarded both sides		156.0750 Tone 6 (156.7)Tx & Rx	
			Air Guard		168.6250 Tone 1 (110.9)Tx & Rx	

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

Call Sign	TY	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	Call Sign	TY	MAKE/ MODEL	BASE	AVAIL	START	REMARKS
H-506	2	Bell 205	Red Bluff	0700	0800								

**10. MISSIONS**

Water dropping as requested



AIR OPERATIONS SUMMARY ICS-220										Time Prepared		Date Prepared		Prepared By	
Incident Name / Number		Sunrise	Startup	Cutoff	Sunset	Shutdown		Operational Period - Date		Operational Period - Time		Sean O'Hara		0700-2100	
RED BANK / CA-TGU-009386		649	719	1851	1921	1951		Tuesday, September 10, 2019		Wednesday, September 11, 2019					
<p><b>General Remarks, Safety Notes, Hazards, Air Operations Special Equipment, etc.</b>                      TRACK ALL DIPSITE LOCATIONS / NUMBER OF DIPS / GALLONS TAKEN.                      TRACK ALL DROP LOCATIONS / NUMBER OF DROPS / GALLONS DROPPED                      ALL GPS DATA TO BE COLLECTED IN DEGREES, MINUTES, DECIMAL MINUTES, FORMAT.                      AVOID Aerial Application of Relatant / Foam / Agent within 300' of Waterways, Bodies of Water, etc.                      If Relatant / Foam / Agent is Dropped Within These Areas Immediately Notify the AOB and Provide the Following Information: Lat / Long, Estimated Number of Gallons and a Map Detailing The Area.</p>															
<p><b>Helibase Information</b>                      Name Red Bluff                      Latitude 40' 09.35                      Longitude 122 15.02"</p>															
<p><b>TFR Information</b>                      Request# A-101                      Polygon: NM                      Altitude: 11,000 MSL                      Centerpoint: 40'07.20' Lat                      122 38.40' Long                      NOTAMS: 9/4967                      Frequency 132.2750  <a href="http://tfr.faa.gov/tfr2/list.html">http://tfr.faa.gov/tfr2/list.html</a></p>															
<p><b>Rescue Ship Information</b>                      Name C205                      Phone 530-321-4338                      Make/Model UH-1H                      Location Red Bluff                      UH-60                      Request Procedure for These Aircraft:                      Incident Communications                      See Medical Plan For Additional Info</p>															
<p><b>Request Procedure for These Aircraft:</b>                      Incident Communications                      See Medical Plan For Additional Info</p>															
<p><b>HELICOPTERS ( Use page 2 if Needed )</b></p>															
FAA #	Type	Make/Model	Helibase	Avail	Start	Remarks	FAA #	Type	Make/Model	Helibase	Avail	Start	Remarks		
802PJ	I	UH-1HA	Red Bluff	0700	0800	Red Bank A-14	63W	II	UH1H	Red Bluff	0700	0800	Red Bank A-6		
617CK	I	S-61N	Red Bluff	0700	0800	Red Bank A-27	161V	II	UH1H	Red Bluff	0700	0800	Red Bank A-9		
96W	I	S-61N	Red Bluff	0700	0800	Red Bank A-28	205	II	UH1H	Red Bluff	0700	0800	Red Bank A-9		
760HT	I	S-61N	Red Bluff	0700	0800	Red Bank A-29	45AD	II	UH1H	Red Bluff	0700	0800	Red Bank A-71		
793HT	I	CH54 A	Red Bluff	0700	0800	Red Bank A-30	582D	II	UH1H	Red Bluff	0700	0800	Red Bank A-33		
312KA	I	K-1200	Red Bluff	0700	0800	Red Bank A-31	873HL	II	212HP	Red Bluff	0700	0800	Red Bank A-34		
613CK	I	SH-3H	Red Bluff	0700	0800	Red Bank A-15	811KA	II	212HP	Red Bluff	0700	0800	Red Bank A-35		
801	I	CH47	Red Bluff	0700	0800	Red Bank A-79	3276T	II	UH1H	Red Bluff	0700	0800	Red Bank A-32		
820	I	UH-60	Red Bluff	0700	0800	Red Bank A-78									
830	I	UH-60	Red Bluff	0700	0800	Red Bank A-80									
840	I	UH-60	Red Bluff	0700	0800	Red Bank A-82									
850	I	UH-60	Red Bluff	0700	0800	Red Bank A-81	90301	III	206	Red Bluff	0700	0800	Red Bank A-37		
802	I	CH47	Red Bluff	0700	0800	Red Bank A-146	3604T	III	ASTAR	Red Bluff	0700	0800	Red Bank A-38		
							226GM	III	206L4	Red Bluff	0700	0800	Red Bank A-39		
<p><b>FIXED WING ( Use Page 2 if Needed )</b></p>															
FAA #	Type	Make/Model	Base	Avail	Start	Remarks	FAA #	Type	Make/Model	Base	Avail	Start	Remarks		


# INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

Controlled Unclassified Information//Basic

<b>1. Incident Name:</b> SOUTH FIRE CA-SHF-001209	<b>2. Date/Time Prepared:</b> Date: 09/10/2019 Time: 1900	<b>3. Operational Period:</b> DAY/NIGHT Date/Time From: 09/11/2019 0700 Date/Time To: 09/12/2019 0700
------------------------------------------------------	-----------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------

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
	1	COMMAND	CMD 1	SOUTH COMMAND	170.4500		168.1000	100.0	A	TOMHEAD LOOKOUT USE TONE 9 (100.0)
	2	COMMAND	CMD 2	SOUTH COMMAND	169.5375		164.7125	100.0	A	TEPOC MOUNTAIN USE TONE 9 (100.0)
	3	TACTICAL	TAC 1	DIV. WW TACTICAL	168.0500		168.0500	100.0	A	DIVISION WW TACTICAL USE TONE 9 (100.0)
	4	TACTICAL	TAC 3	DIV. QQ TACTICAL	168.6000		168.6000	100.0	A	DIVISION QQ TACTICAL USE TONE 9 (100.0)
	5	TACTICAL	TAC 4	DIV. RR / NIGHT	166.7250		166.7250	100.0	A	DIVISION RR AND NIGHT TACTICAL USE TONE 9 (100.0)
	6	TACTICAL	TAC 5	DIV. XX TACTICAL	166.7750		166.7750	100.0	A	DIVISION XX TACTICAL USE TONE 9 (100.0)
	7	TACTICAL	TAC 6	CONTINGENCY	168.2500		168.2500	100.0	A	CONTINGENCY TACTICAL
	8	SHF REPEAT	SHF R	SHF CONTACT	171.5750		165.0125	127.3 / 151.4	A	EMERG. CONTACT FOR SHF DISPATCH US TONE 12 OR 14
	9	CDF COMMAND 7	CDF CMD 7	RED BANK	151.4600	103.5	159.3900	110.9	A	RED BANK COMMAND
	13	AIR TO GROUND	CDF A/G	RED BANKS AIR TO	159.3450		159.3450	192.8	A	CONTACT AIR ATTACK TO REQ. AIR RESOURCES FOR SOUT
	14	AIR TO GROUND	A / G	SOUTH AIR TO	167.0625		167.0625		A	SOUTH FIRE AIR TO GROUND TACTICAL NO TONE
	15	CALCORD	CALCORD	MEDICAL EVAC.	156.0750	156.7	156.0750	156.7	A	MEDICAL EVAC. USE TONE 6 (156.7)
	16	AIR GUARD	AIR GUARD	EMERGENCY ONLY	168.6250		168.6250	110.9	A	EMERGENCY ONLY USE TONE 1

**5. Special Instructions:**

<b>6. Prepared By</b> (Communications Unit Leader)	Name: RICK STONE	Signature: 
ICS 205	IAP Page	Date/Time: 09/10/2019 1900

**1. Incident Name:** RED BANK  
**2. Date/Time Prepared:** Date: 09/09/2019 Time: 1930  
**3. Operational Period:** Date From: 09/10/19 Date To: 09/11/19 \*  
 Incident Channels: Time From: 0700 Time To: 0700

4. Communications									
Ch#	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes	
1	COMMAND	CDF C7 T1	ALL DIVS	151.4600N	T8 - 103.5	159.3900N	T1 - 110.9	ZONE 1	
2	COMMAND	CDF C7 T15	ALL DIVS	151.4600N	T8 - 103.5	159.3900N	T15 - 162.2	ZONE 15 - Portable Repeater	
3									
4	TACTICAL	CDF T24	DIV KK	151.3325N	T16 - 192.8	151.3325N	T16 - 192.8		
5	TACTICAL	CDF T25	DIV B/C/H	159.2775N	T16 - 192.8	159.2775N	T16 - 192.8		
6	TACTICAL	CDF T26	DIV J/M/U/Y/A	159.2925N	T16 - 192.8	159.2925N	T16 - 192.8		
7	TACTICAL	CDF T27	DIV O/R/S	159.3075N	T16 - 192.8	159.3075N	T16 - 192.8		
8	TACTICAL	CDF T28	DIV PP	151.1825N	T16 - 192.8	151.1825N	T16 - 192.8		
9	TACTICAL	CDF T36	DIV MM	151.1525N	T16 - 192.8	151.1525N	T16 - 192.8		
10	TACTICAL	CDF T37	CONTINGENCY/ SUPPRESSION REPAIR	159.3375N	T16 - 192.8	159.3375N	T16 - 192.8		
11									
12									
13									
14	AIR TO GROUND	CDF T18	ALL DIVS	159.3450N	T16 - 192.8	159.3450N	T16 - 192.8	AIR TO GROUND	
15	MEDICAL	CALCORD	ALL DIVS	156.0750N	T6 - 156.7	156.0750N	T6 - 156.7	MEDICAL COORDINATION	
16	AIRGUARD	AIRGUARD	ALL DIVS	168.6250N		168.6250N	T1 - 110.9	EMERGENCY	
17									
18									
19									
20	AIRGUARD	AIRGUARD	ALL DIV	168.6250N		168.6250N	T1 - 110.9	EMERGENCY	

**5. Special Instructions**  
 \* Per South COML - Red Banks 9/11 - 9/12 Comm Plan may have some division changes but frequencies will stay the same.

**6. Prepared by (Communications Unit Leader):** Name: Ken Parker Signature: \_\_\_\_\_

# MEDICAL PLAN (ICS 206 WF)

<b>1. Incident/Project Name</b>	<b>2. Operational Period</b>
<b>South Fire</b>	Date/Time <b>9/11/19 - 0700</b> <b>9/12/19 - 0700</b>

3. Ambulance Services				
Name	Location	Phone & EMS Frequency	Advanced Life Support (ALS)	
			Yes	No
Mt. Shasta Medic 75 –incident	DP-110 area Day                      DP-100 Night	Contact South Comm.	X	
St. Elizabeth Ambulance	Red Bluff, CA	911	X	
Trinity County Ambulance	Hayfork, CA	911 or 530-623-8128	X	

4. Air Ambulance Services (COORDINATE with AIR AMBULANCES on CALCORD tone 6)			
Name	Phone	Type of Aircraft & Capability	
Kern H-407      Up to 1:15 hr eta	Contact South Comm.	Day/Night Hoist Rescue, Weed, CA	
Air Guard (Night Hoist),CDF H205 (Day Hoist Only)	Contact South Comm.	Red Bluff, CA	
Reach or PHI              20 min eta	911	Air Ambulance – Redding, CA Day/Night	
Coast Guard      Up to 1:15 hr eta	911 or 707-839-6100	Hoist Rescue – Eureka, CA Day/Night	
CHP                      20 min eta	911	ALS Hoist Rescue – Redding, CA	

5. Hospitals								
Name & Level	GPS Datum – WGS 84 Degrees Decimal Minutes		Travel Time		Phone	Helipad		Address
			Air	Gnd		Yes	No	
St. Elizabeth Hospital Level III trauma center	Lat:	N40° 08.91	25 min	45 min	530-529-8000 530 529-8300 (ER)	X		2550 Sister Mary Columbia Dr. Red Bluff, CA 96080
	Long:	W122° 13.24						
	VHF:							
Mercy Medical Center – Level II trauma	Lat:	N40°34.33	30 min	1.5 hrs	530-225-7201 (ER)	X		2175 Roseline Ave. Redding, CA 96001
	Long:	W122° 23.80						
	VHF:							
Shasta Regional Medical Center. Level III trauma	Lat:	N40°35.08	30 min	1.5 hrs	530-244-5353 (ER)	X		1100 Butte, Redding, CA 96001
	Long:	W122°23.25						
	VHF:							
UC Davis Level I Trauma/Burn Center	Lat:	N38°33.30	1 hr	3.5 hrs	916-734-3636 916-734-3790	X		2315 Stockton Blvd. Sacramento, CA
	Long:	W121°27.33						
	VHF:							

**6. Division / Crew Pre-plan. Update and discuss with assigned resources daily.**

<b>Crew EMTs &amp; Equipment</b>	
<b>Fireline EMTs &amp; Location</b>	
<b>Adv. Life Support?</b>	
<b>Air Hoist site:</b>	
Lat: / Long:	
<b>Helispot:</b>	
Lat: / Long:	
<b>Alternate no-fly plan:</b>	

7. Remote Aid Stations	
South Medical Unit– ICP R-Wild Horse Ranch 6700 Hwy 36W, Platina, CA N40° 19.02 W122° 48.00	Point of Contact: MEDL – Josh Ramey 530 852-8400 MEDL(t) – Josh Hadley 719 221-4988 EMS Responders & Capability: Advanced Life Support Equipment Available on Site: Medical supplies Ambulance ETA : Air – 25 min.      Ground – 45 min.

8. Prepared By (Medical Unit Leader)	9. Date/Time	10. Reviewed By (Safety Officer)	11. Date/Time
Josh Ramey – MEDL 530-277-1213 Josh Hadley – MEDL (t) 719 221-4988 	9/10/19 1900	Michele Tanzi 	9/10/19 1900

## Medical Incident Report

### 1. CONTACT South Communications on COMMAND, 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*

### 2. INCIDENT STATUS:

Provide incident summary (including number of patients) and command structure. *Ex: "Communications, I have a Red priority patient, unconscious, struck by a falling tree. Requesting air ambulance to Forest Road 1 at (Lat. / Long.) This will be the Trout Meadow Medical, IC is TFLD Jones. EMT Smith is providing medical care."*

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>Routine of Convenience.</b>

<b>Nature of Injury or Illness &amp; Mechanism of Injury</b>		Brief Summary of Injury or Illness (Ex: Unconscious, Struck by Falling Tree)
<b>Transport Request</b>		Air Ambulance / Short-Haul/Hoist/ Ground Ambulance / Other
<b>Patient Location</b>		Descriptive Location & Lat. / Long. (WGS84)
<b>Incident Name</b>		Geographic Name + "Medical" (Ex: Trout Meadow Medical)
<b>On-Scene Incident Commander</b>		Name of on-scene IC of Incident within an Incident (Ex: TFLD Jones)
<b>Patient Care</b>		Name of Care Provider (Ex: EMT Smith)

### 3. INITIAL PATIENT ASSESSMENT: Complete this section for each patient. Start with most severe.

**Patient Assessment: (See IRPG page 106)**

**Treatment:**

### 4. TRANSPORT PLAN:

**Evacuation Location** (if different): (Descriptive Location (drop point, intersection, etc.) or Lat. / Long.)

**Patient's ETA to Evacuation Location:**

**Helispot / Extraction Site Size and Hazards:**

### 5. ADDITIONAL RESOURCE/EQUIPMENT NEEDS:

- |                                                                            |                                                  |                                      |                                              |                                 |
|----------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------|----------------------------------------------|---------------------------------|
| <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) |                                                  |                                      |                                              |                                 |

### 6. COMMUNICATIONS:

- Run Medical Emergency on Command

- Coordinate with air ambulance on CALCORD tone 6

### 7. CONTINGENCY:

Considerations: If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead.

### 8. ADDITIONAL INFORMATION: Updates / Changes, etc.

#### 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.



**SOUTH FIRE INCIDENT RISK ANALYSIS (215a)**  
**September 11- 12, 2019 (0700 to 0700)**

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
ALL	Medical Emergencies	<p>~ <b>Contact South Comm for Medical Emergencies, Notify Division Supervisor immediately</b></p> <p>~ Review, understand and discuss with your resources the Medical Plan in the IAP.</p> <p>~ Refer to the Medical Incident Report on pages 118 – 119 in 2018 IRPG for info into Communications</p> <p>~ <b>Develop Division/Crew Pre-Plan in block #6 on the Medical Plan and fill in necessary information to assist you with an Incident within an Incident.</b></p> <p>~ Base all operational decisions and activities on these 3 questions:</p> <ol style="list-style-type: none"> <li>1.) What are we going to do if someone gets hurt?</li> <li>2.) How will we get them out of here?</li> <li>3.) How long will it take to get them to a hospital?</li> </ol> <p>~ If the answers are insufficient, stop, re-assess and consider alternate strategies and tactics.</p> <p>~ <b>Have Alternate plan in place when aircraft is grounded due to visibility issues.</b></p> <p>~ If air or ground ambulance is delayed: package and transport patient to rendezvous with incoming ambulance.</p> <p>~ Re-route EMS helicopter to rendezvous point as appropriate</p> <p>~ Review page 2 in IRPG 2018 for briefing subordinates.</p> <p>~ If Night extraction by Air Ambulance with Hoist capabilities and NVG (Night Vision Goggles) is required, the following will assist in a smooth extraction.</p> <ul style="list-style-type: none"> <li>* <u>Minimum</u> of a 20' x 20' clearing</li> <li>* 3 GREEN Glow Sticks placed on edges of clearing forming a triangle to assist pilot in visual horizon.</li> <li>* Turn ALL headlamps and vehicle lights OFF</li> <li>* Communicate with Air Ambulance on CALCORD tone 6</li> </ul> <p>~ <b>Be aware of Rotor Wash &amp; its effect on Fire behavior when the extraction point is next to an active fires edge.</b></p> <ul style="list-style-type: none"> <li>• <b>If possible, MOVE patient to an area with less fire activity</b></li> </ul>
ALL	Driving & Traffic	<p>~ There is NO need to be in a hurry, or to drive fast. You get paid by the hour. Drive Cautiously</p> <p>~ <b>Practice “Defensive Driving” techniques traveling on all roads in both rural and urban settings</b></p> <p>~ Slowdown in limited visibility (smoky/dusty) &amp; congested areas. Increase following distances to allow dust to settle, &amp; to allow for reaction time lag. Use low beam headlights</p> <p>~ Honk horn to alert personnel when backing. Use spotters when available</p> <p>~ Pull over to allow oncoming traffic to pass on a narrow road base. If required to back-up at night, have the vehicle in front of you turn their headlights to "running lights" to eliminate night blindness while you back out of the way. Utilize a backer.</p> <p>~ Expect two way traffic on one lane roads. Stay on your side, and approach corners with caution</p> <p>~ Headlights ON. Manually turn on Headlights. Most vehicles have "auto" headlights</p> <p>~ <b>NO riding in the back of pick-ups. It is against the Law.</b></p>
XX	Heavy Equipment Operations	<p>~ Establish visual &amp; radio communication methods are in place prior to engaging</p> <p>~ Never work directly below heavy equipment. Post lookouts for dislodged rocks or logs that could impact personnel or vehicles if working with equipment.</p> <p>~ Make positive eye contact with operator before approaching. Approach only when the equipment is idled down, all implements have been lowered to the ground, and you're invited toward the cab</p> <p>~ Maintain a 50'-100' exclusion area around equipment and increase it to 1 1/2 times tree height when in timber. Increase distance to 300'+ when working with Masticators.</p> <p>~ Close roads or trails if necessary for public safety</p> <p>~ Correctly wear all required PPE</p> <p>~ Refer to pg 80 in IRPG</p>
ALL	Hydration & Heat Illness	<ul style="list-style-type: none"> <li>• <b>Pre-hydrate, Re-hydrate! Dehydration is preventable.....Drink a minimum of 250ml/hour; (¼ of canteen)</b></li> <li>• <b>Water Intoxication Drinking TOO much water, upsetting electrolyte balances can decrease sodium in the blood to dangerously low levels, causing mild to life-threatening problems</b></li> <li>• Drink water &amp; Electrolyte drinks before, during, and after shifts. (2 waters to 1 sports drink).</li> <li>• <b>Do NOT mix with water</b> or dilute electrolyte drink. It must be consumed as is for the body to absorb properly.</li> <li>• Pace work to avoid heat injuries</li> <li>• Heat exhaustion is characterized by: Weakness, Extreme Fatigue, Nausea, Dizziness &amp; Headaches, clammy skin, persistent muscle cramps, decreased urine output. <ul style="list-style-type: none"> <li>o <b>Cool patient as quickly as possible!</b></li> <li>o Move patient to a cooler location and provide cold water and sports drink.</li> <li>o Actively reduce core temperature through evaporation by fanning patient.</li> <li>o Remove Patient from fire line and seek medical attention</li> <li>o Cover head and neck with wet cloth, increase air movement.</li> <li>o Heat exhaustion is characterized by: Weakness, Extreme Fatigue, Nausea, Dizziness, Headaches, clammy skin, persistent muscle cramps, and decreased urine output</li> </ul> </li> <li>• Refer to Medical Plan in IAP for additional <b>EMS care and Evacuation</b></li> </ul>
ALL	Rocky, Rugged Terrain	<p>~ <b>Unforgiving terrain. Ensure you remain focused when walking.</b></p> <p>~ Maintain 8'-10' spacing when working &amp; walking.</p> <ul style="list-style-type: none"> <li>• Evaluate the necessity to send personnel in areas with limited access. Evaluate the type of resources needed to do the job if required</li> </ul> <p>~ High Potential for lower leg injuries. Take your time when hiking in and around your work area</p>



**SOUTH FIRE INCIDENT RISK ANALYSIS (215a)**  
**September 11- 12, 2019 (0700 to 0700)**

ALL	<b>Fire Behavior</b>	<ul style="list-style-type: none"> <li>~ Provide weather forecasts/observations for all personnel assigned during Operational briefings</li> <li>~ Update field personnel via the Command Channel when significant weather changes are observed that could impact area</li> <li>~ Develop Management Action Points/Trigger Points for disengagement of resources and make them known to all. Re-assess as needed.</li> <li>~ Use "Risk Management Process" prior to engaging in suppression actions, referring to pg 1, IRPG, 2108</li> <li>~ Ensure LCES is in place before engagement of resources</li> </ul>	
ALL	<b>Hazard Trees</b>	<ul style="list-style-type: none"> <li>~ Scout work area for aerial hazards prior to engagement to ensure a safe work area</li> <li>~ Follow "Hazard Tree Safety" guidelines, page 22, 23 in IRPG, 2018</li> <li>~ Look up, down and around for Hazard Tree indicators. Info on pg 22 IRPG, 2018</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>~ Utilize pg 85 in the IRPG, 2018 for Procedural Felling Operations</li> <li>~ <b>No "Felling" of any tree at Night, or during High Wind events.</b></li> <li>~ Flag off areas of concern, communicate to Division, adjoining resources, and brief relief resources until hazards have been mitigated</li> <li>~ <b>Post a "Lookout" if possible to control the area of concern</b></li> </ul>	
ALL	<b>Biting, Stinging Insects, &amp; Critters (Rattle Snakes, Bees, Mosquitoes, Scorpions, Ticks, Wildlife, etc)</b>	<ul style="list-style-type: none"> <li>• If allergic to bee stings, let your DIVS &amp; Medic/EMT's know.</li> <li>• <b>Leave the snakes alone! Snakes and Scorpions are in Fire Camp too! Shake your boots out, check sleeping bag and check under your tent. They like to snuggle. If found in camp, notify Logistics</b></li> <li>• Use bug spray to minimize mosquito bites.</li> <li>• Check yourself daily for tick bites.</li> <li>• <b>Leave wildlife alone. Backhaul ALL Trash please.</b></li> </ul>	
INCIDENT NAME <b>SOUTH FIRE</b>  ICS 215a		DATE PREPARED: <p align="center"><b>September 10, 2019</b></p>	OPERATIONAL PERIOD <b>Sept 11 - 12, 2019</b> <b>(0700 – 0700)</b>  Prepared by: Tanzi – SOF1, Barnhart – SOF2,
		TIME PREPARED: <b>1900 HOURS</b>	



## MEDICAL INCIDENT REPORT

*Fire Communication Category*

The new Medical Incident Report (MIR) form can be found at all of the following: pages 108-09 of the IRPG, Medical Plan ICS-206 WF form and in many Incident Action Plans (IAPs). The MIR evolved from, and has replaced, the "9 Line Form" and "Pink Sticker."

The MIR is not always tasked to the EMT or Paramedic in "Patient Care". The intent of the form is to:

- 1) establish control of the incident whether routine or life-threatening by initiating a new Incident Command System,
  - 2) have a systematic standard process for reporting medical incidents/injuries, similar to a fire size-up form for initial attack, and
  - 3) have any firefighter be able to fill it out and transmit with prior training and direction.
- Treat it like any incident. If the incident is overwhelming, ask for a more qualified IC to assume command and expand/contract the organization's size depending on the needs of the incident.
  - Fill this form out completely prior to transmitting the report to dispatch/communications. If there is a life threat, do not let documentation delay patient care.
  - When transmitting the report, state the number and title of each section and say "break" and pause between the sections (e.g., "*Dispatch, TFLD Jones, Stand by for Priority Medical Incident Report. All other radio traffic please hold **BREAK** (pause/wait for response.)* **2. Incident Status:** *Nature of Illness is chest pain. Incident Name is Tank Medical. IC will be TFLD Jones. Patient Care will be Paramedic Smith. **BREAK.*** **3. Initial Patient Assessment is...").**
  - When using the MIR during a Multi-Casualty Incident (MCI) state the number injured and their severity (Section 3), (e.g., "**3. Initial Patient Assessment, I have 5 patients. 3 Reds, 1 Yellow and 1 Green. Mechanism of Injury is...**").
  - Use the terms Paramedic or EMT with the provider's last name in "Patient Care." Do not use EMT to describe a Paramedic or the ambiguous term, "Medic." All those roles need to be clearly identified to understand the level of care and treatment the patient(s) will receive.
  - Enact more than one transport plan and clear more than one frequency if needed for Sections 5 and 6.
  - Always be ready for the first plan to fail and be flexible enough to move into an alternate plan. Use the acronym PACE (Primary, Alternate, Contingency, and Emergency) for planning purposes.

### Action Items:

- Consider developing medical emergency tabletop scenarios as part of morning briefings or field scenarios on project work to become familiar with the process. The more comfortable with the MIR you are, the more it will be second nature under stress.
- Ensure dispatchers and radio operators are aware of their roles and responsibilities pertaining to the Medical Incident Report.
- Review your local units' Emergency Plans.

### Additional Resources:

NWCG Incident Emergency Medical Subcommittee (IEMS)

This topic was submitted by AFMO Miles Ellis and Asst. State FMO Paul Hohn with Wyoming BLM and expanded upon by Grand Canyon Helitack's Eric Graff.

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

EMAIL | Facebook | MAIL: 6 Minutes for Safety Subcommittee • 3833 S. Development Ave • Boise, ID 83705 | FAX: 208-387-5250



Human Resource Message  
South Fire  
Wednesday, September 11, 2019

**HUMAN RESOURCE MESSAGE**

My name is Virgil “Todd” Morrow. I am the Human Resource Specialist assigned to the incident. As the Human Resource Specialist, I am available to incident personnel to provide work environment information and assist with conflict resolution if needed. If I can be of assistance to you, please let me know. I’m in the trailer with our computer tech. You can also contact me by cell phone at 707-373-0204 or via e-mail at [virgil.morrow@usda.gov](mailto:virgil.morrow@usda.gov)

As a reminder, we have a zero tolerance for illegal drugs, alcohol, sexual harassment, and any other type of inappropriate behavior. We expect all incident personnel to treat each other with dignity and respect, and to work as a team to support a positive work environment.

Be Safe! Keep your positive attitude and have a great day!

**Hours are 0700 to 1900  
Todd Morrow - (HRSP) – (707) 373-0204**

Date & Time Order was placed:		Order #	Location & Time for Delivery (DIV,LZ,DP,Lat Long)		Mode of delivery
		(DIVS+#)			(Driven/Helo/DIVS to Pick up)
			Lat:		
			Long:		
Order received in Communications by (Name):					Time:
Order shipped to line by (Name): (Send this sheet to the line with the order)					Time:
#	Item				
1	<b>1,000 Foot Hose Lay includes the following: Amount _____</b>				
	10, 100'x1½" Rolls Hose; 10, 100'x1" Rolls Hose; 10, 1½" Gated Wyes; 10, 1½" to 1" reducers; 10, 1" nozzles				
2	<b>2,000 Foot Hose Lay includes the following: Amount _____</b>				
	20, 100'x1½" Rolls Hose; 20, 100'x1" Rolls Hose; 20, 1½" Gated Wyes; 20, 1½" to 1" reducers; 20, 1" nozzles				
3	<b>3,000 Foot Hose Lay includes the following: Amount _____</b>				
	30, 100'x1½" Rolls Hose; 30, 100'x1" Rolls Hose; 30, 1½" Gated Wyes; 30, 1½" to 1" reducers; 30, 1" nozzles				
#	Item	Amount	#	Item	Amount
4	Hose (50') garden, 3/4"		30	Gas Unleaded (Gallons)	
5	Hose (100'), 1"		31	Oil 2 cycle, (Pints)	
6	Hose (100'), 1½"		32	Bar Oil (Qts)	
7	Nozzle, Garden, 3/4"		33	Drip Torch ea	
8	Nozzle, Forester, 1"		34	Drip torch mix 3.5:1.5 (gallon)	
9	Nozzle, KK Type, 1"		35	Fusees (Boxes or cases)???	
10	Nozzle, KK Type, 1½"		36	Flare Gun Rounds (12/BX)	
11	Wye, Gated, 3/4"		37	Cartridge #6 purple (box)	
12	Wye, Gated, 1"		38	Batteries "AA" PKGs(24/PKG)/BX	
13	Wye, Gated, 1½"		39	Ribbon, Flagging (Specify Color)*	
14	Inline-Tee, 1x1x3/4"		40	Water, Cubies	
15	Inline-Tee, 1x1x1"		41	Water, Bottled, Cases	
16	Inline-Tee (1½" X 1")		42	Gatorade	
17	Reducer, 1" X 3/4"		43	MRE's (12/BX)	
18	Reducer, 1½" X 1"		44	Heavy Mill Plastic	
19	Increaser, 3/4" X 1"		45	Washcloth, waterless, cleansing	
20	Increaser, 1" X 1½"		46	Wrap, Structure 54"x300'	
21	Foam 5 gal		47	Sprinkler Kit	
22	Foam 4 oz (For Backpack Pump)		48	Mark 3 Pump	
23	Backpack Pump		49	Mark 3 Pump Kit- w/10 gal mixed fuel	
24	Pumpkin (Gallons?)		50	Chainsaw Kit	
25	Porta-Tank (Gallons?)		51	Mop-Up Kit, 3-Wand	
26	Shovel		52	Pump Kit, Lightweight, 2 Cycle	
27	Pulaski		53	Gas, Raw and 2 qts 2-cycle oil, ea	
28	Combi Tool		54	Lightweight Pump Kit-Cache w/5gal fuel	
29	McCloud		55	Gas, raw (gal) and 1 qt 2-cycle oil, ea.	
Notes:			Notes:		



