

SOUTH FIRE

Incident Action Plan

September 12-13, 2019 (0700 – 0700)



MEDICAL EMERGENCIES

- Review and understand the medical plan in the IAP
- Base all operational activities on these three questions:
 - What are we going to do if someone gets hurt?
 - How will we get them out of here?
 - How long will it take to get them to a hospital?

Hotter & Drier

- Hydration needs increase. Pre-Hydrate & Re-Hydrate


Fire Behavior Increasing

- Posting Experienced Lookouts is essential



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



INCIDENT OBJECTIVES	1. Incident Name South	2. Date 09/11/2019	3. Time 1900
4. Operational Period September 12, 2019 DAY-NIGHT SHIFT			
<p><u>CONTROL OBJECTIVES</u></p> <ol style="list-style-type: none"> 1) Keep fire North of Ball Rock Road. 2) Keep fire West of Maple Creek to prevent fire spread into the state DPA. 3) Keep fire South of Maple Creek and Sheep Ridge to protect private structures in Sheep Camp. 4) Keep fire East of Long Ridge and South Fork of Cottonwood Creek to minimize wilderness impacts. <p><u>MANAGEMENT OBJECTIVES</u></p> <ol style="list-style-type: none"> 1) Provide for firefighter and public safety. 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. 3) Maintain a safe and positive working environment. 4) Protect private and Forest Service infrastructure and cultural and natural resources. 5) Limit long term impacts from suppression actions. 			
6. Weather Forecast for Period <ul style="list-style-type: none"> • See attached weather forecast. 			
7. General Safety Message <ul style="list-style-type: none"> • See attached safety messages. 			
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 	

ORGANIZATION ASSIGNMENT LIST	
1. Incident Name South	
2. Date September 11, 2019	3. Time 2000
4. Operational Period Day Shift, September 12, 2019	
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 Haglund
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	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	
DAY	
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	
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: 4

NAME OF FIRE: South

PREDICTION FOR: Day/Night Shift

UNIT: Shasta Trinity National Forest

SHIFT DATE: 09/12/19

SIGNED: *Jim Dudley*

TIME AND DATE

Jim Dudley Incident Meteorologist

FORECAST ISSUED: 1900 on 09/11/19

WEATHER DISCUSSION: High pressure will remain over the fire area through Saturday and then begin to weaken. A warm and dry pattern will remain in place through the beginning of the weekend with humidity trending down. Nighttime recoveries will still be moderate and winds will be mainly terrain driven. On Sunday and Monday, a windy and potentially wet storm system will move across the fire area with much cooler and windier weather.

. 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.....23-26 percent at 5000 feet and 18-22 percent at 2500 feet.
Wind (20 ft).....East 3-6 mph.
Mixing height.....Increasing to around 9500 ft AGL.
Transport winds.....South around 5 mph.

. THURSDAY NIGHT . . .

Sky/weather.....Clear.
CWR.....0 percent.
LAL.....1.
Min temperature.....54-59 at 5000 feet and 60-65 at 2500 feet (including Branch X).
Max humidity.....42-47 percent at 5000 feet and 38-42 percent at 2500 feet.
Wind (20 ft).....Downslope/Downcanyon 2-5 mph.
Mixing height.....Lowering to less than 500 ft AGL.
Transport winds.....Southwest around 3 mph.

. FRIDAY . . .

Sky/weather.....Sunny and warmer.
CWR.....0 percent.
LAL.....1.
Max temperature.....78-83 at 5000 feet and 88-92 at 2500 feet (including Branch X).
Min humidity.....20-23 percent at 5000 feet and 15-19 percent at 2500 feet.
Wind (20 ft).....East 3-6 mph.
Mixing height.....Increasing to around 9000 ft AGL.
Transport winds.....West around 15 mph.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 6	OPERATIONAL PERIOD: Day/Night 9/12
FIRE NAME: CA-SHF-001209- South Fire	SIGNED: Eric Kronner LTAN(t)/ Stewart Turner (FBAN)
DATE and Time ISSUED: 09/11 1900	

INPUTS

WEATHER SUMMARY: North-East winds will continue to be present in the fire area. Continued low humidity and higher temperatures will increase fire behavior.

FIRE BEHAVIOR: Warmer and drier conditions and an expected North-East winds will maintain active fire behavior today and into the early evening.

GENERAL: Expect a POI today above 75%

Fuels in the area range from grass in the lower elevations (cured), and heavy brush in mid elevations (below average fuel moistures) and timber in the higher elevations and on the north aspects. 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.

Live Fuel Moistures – Sunflower 2000' elevation

- Chamise – 43%.
- Manzanita – 54%

SPECIFIC:

Div WW and Div XX- No fire behavior is expected.

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

Div QQ- Notable fire behavior with Flame Lengths greater than 10 feet are expected and will be active with east winds continuing to push the fire to the wilderness. The potential for rollout and corresponding uphill runs will continue in Sections 14 and 11.

Branch X

DIV PP – Minimal fire activity, smoldering and creeping as interior fuels are consumed. The lined slop over West of Sulphur creek is low enough in elevation that it will be sheltered from the N or NE winds today.

DIV MM – Interior fuels will continue to consume. Late in the day the West aspect of the drainage will be in full sun, slops across the creek to the east could rapidly develop into uphill runs to the dozer line below Elkhorn Peak.

DIV KK-This division has the most exposure to the Sacramento Valley temperatures, humidity's and winds. Monitor equipment use on contingency lines in Hot and Dry weather.

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

-Avoid long exposure times in smoke. Extended periods of excessive smoke inhalation is unhealthy. Consider swapping out crewmembers for fresh air breaks.

-Ensure all resources are appropriately briefed for the operations they are conducting. The minimum amount of information all resources should start out with is L.C.E.S.

Fuels and Fire Behavior Advisory

Northern California Sacramento Valley

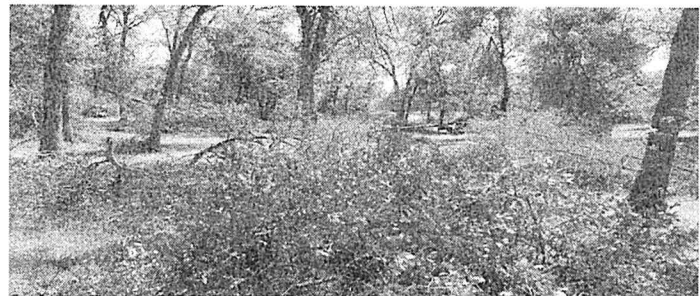
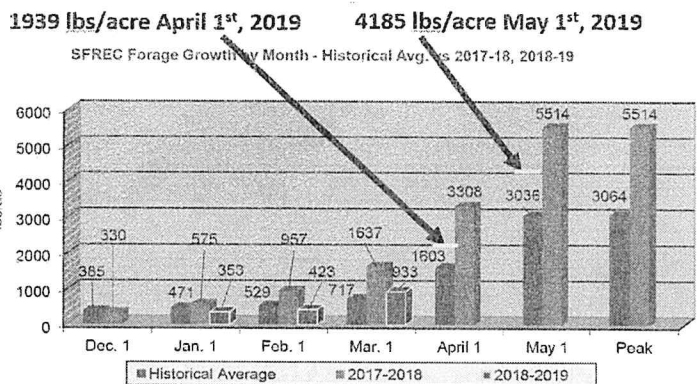
September 1st - September 16th, 2019



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 13th 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

1. Incident Name:		3.	
SOUTH FIRE		Branch:	Division/Group:
2. Operational Period:		QQ	
DAY			
Date/Time From: 09/12/2019 0700 THU	Date/Time To: 09/12/2019 1900 THU		

4. Operations Personnel			
OPERATIONS CHIEF	ALEC LANE ROBERT RICE (T)	DIVISION/GROUP SUPERVISOR	BILLY COVERT
PLANNING OPS	MICHAEL MINTON TROY MUELLER (T)	AIR ATTACK SUPERVISOR	

5. Resources Assigned this Period					
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 (O-78)	09/24	ZACK SELMSER	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

6. Control Operations/Work Assignments:

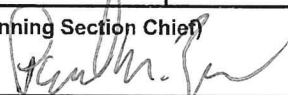
Scout for opportunities to keep fire North of Cottonwood Creek.

Use trail systems in wilderness area as needed for containment lines.

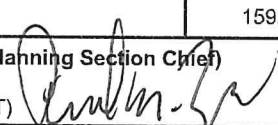
7. Special Instructions:

Utilize MIST tactics in wilderness.

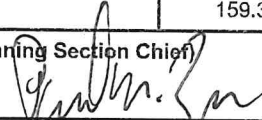
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1 (CMD 1)	170.4500		168.1000	T-9 (100.0)	A
COMMAND	2 (CMD 2)	169.5375		164.7125	T-9 (100.0)	A
TACTICAL	4 (TAC 3)	168.6000		168.6000	T-9 (100.0)	A
AIR TO GROUND	13 (CDF A/G)	159.3450		159.3450	T-16 (192.8)	A

9. Prepared By (Resource Unit Leader)	Approved By (Planning Section Chief)	Date	Time
KRYSTLE GLEASON / MARISA WILLIAMS (T)	PAUL ZERR (T) 	09/11/2019	2034

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

1. Incident Name:		3.				
SOUTH FIRE		Branch:	Division/Group:			
2. Operational Period: DAY		RR				
Date/Time From: 09/12/2019 0700 THU	Date/Time To: 09/12/2019 1900 THU					
4. Operations Personnel						
OPERATIONS CHIEF	ALEC LANE ROBERT RICE (T)	DIVISION/GROUP SUPERVISOR	PETE ENGLISH MANUEL ORTIZ (T)			
PLANNING OPS	MIKE MINTON TROY MUELLER (T)	AIR ATTACK SUPERVISOR				
5. Resources Assigned this Period						
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	SPIKE 100/0700	SPIKE 100/1900	
HC1 SNAKE RIVER IHC (C-4)	09/23	KENNY BOCHNIAK	19	SPIKE 100/0700	SPIKE 100/1900	
HC2I FEATHER RIVER (C-16)	09/24	ANDRE MORENO	20	SPIKE 100/0700	SPIKE 100/1900	
HC2I OHIO STATE CREW (C-7)	09/23	RON CARTER	20	SPIKE 100/0700	SPIKE 100/1900	
HC2I NOREAST INTERAGENCY 1 (C-6)	09/22	JOHN JANELLE	20	SPIKE 100/0700	SPIKE 100/1900	
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 MONK (E-14)	09/25	TURK MONK	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	
FELB BRAUN (O-96)	09/25	ANDREW BRAUN	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 13 (O-70)	09/21	LUKE HELFINSTINE/DUSTAN WELLS	2	ICP/0700	ICP/1900	
FMOD NORTH ZONE FALLERS (O-122)	09/24	NICK STACHER/MARK WILSON	2	ICP/0700	ICP/1900	
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	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
9. Prepared By (Resource Unit Leader)		Approved By (Planning Section Chief)		Date	Time	
KRYSTLE GLEASON / MARISA WILLIAMS (T)		PAUL ZERR (T) 		09/11/2019	2034	

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

1. Incident Name:		3.				
SOUTH FIRE		Branch:		Division/Group:		
2. Operational Period: DAY				RR		
Date/Time From:		Date/Time To:				
09/12/2019 0700	THU	09/12/2019 1900	THU			
4. Operations Personnel						
OPERATIONS CHIEF	ALEC LANE ROBERT RICE (T)		DIVISION/GROUP SUPERVISOR	PETE ENGLISH MANUEL ORTIZ (T)		
PLANNING OPS	MIKE MINTON TROY MUELLER (T)		AIR ATTACK SUPERVISOR			
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
FMOD MILLER WOOD (O-121)	09/24	SAM HOLSTAD/MARTIN PICKLE	2	ICP/0700	ICP/1900	
TFLD CHARTIER (O-21)	09/22	CODY CHARTIER	1	SPIKE 100/0700	SPIKE 100/1900	
TFLD (T) ROHRS (O-64)	09/20	KEITH ROHRS	1	ICP/0700	ICP/1900	
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	
6. Control Operations/Work Assignments:						
Be prepared to conduct firing operations if conditions warrant from the fires edge along F spur to DP-130 and along Syd Cabin Ridge to the West.						
Continue to prep Cabin Ridge to the 9W37 trail. Scout 9W37 trail towards Hawk Camp.						
Prep Tomhead Mountain Lookout, improve Buck Camp, and do point protection on Buck Camp.						
Scout trail systems and identify prep needs.						
7. Special Instructions:						
Utilize MIST tactics in wilderness area.						
MT. SHASTA AMBULANCE (MEDIC 71) WILL BE @ DP-110 DURING DAY SHIFT, UNLESS DIRECTED OTHERWISE.						
AMBULANCE WILL BE SPIKED @ DP-100 DURING NIGHT SHIFT, AVAILABLE TO RESPOND IF NEEDED.						
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	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
9. Prepared By (Resource Unit Leader)		Approved By (Planning Section Chief)		Date	Time	
KRYSTLE GLEASON / MARISA WILLIAMS (T)		PAUL ZERR (T) 		09/11/2019	2034	

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

1. Incident Name:		3.	
SOUTH FIRE		Branch:	Division/Group: WW
2. Operational Period: DAY			
Date/Time From: 09/12/2019 0700	THU	Date/Time To: 09/12/2019 1900	THU

4. Operations Personnel			
OPERATIONS CHIEF	ALEC LANE ROBERT RICE (T)	DIVISION/GROUP SUPERVISOR	ROBERT HICKOK
PLANNING OPS	MIKE MINTON TROY MUELLER (T)	AIR ATTACK SUPERVISOR	

5. Resources Assigned this Period					
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	JEFF HENTHORN	2	ICP/0700	ICP/1900
FOBS 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
REAF ANDERSON (O-62)	09/19	GALEN ANDERSON	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

6. Control Operations/Work Assignments:

Patrol fires edge.

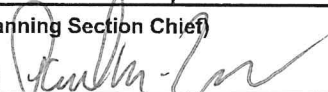
Hold and mop-up as needed.

7. Special Instructions:

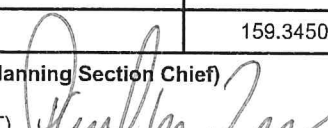
MT. SHASTA AMBULANCE (MEDIC 71) @ DP-110 DURING DAY SHIFT, UNLESS DIRECTED OTHERWISE.

AMBULANCE WILL BE SPIKED @ DP-100 DURING NIGHT SHIFT, AVAILABLE TO RESPOND IF NEEDED.

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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

9. Prepared By (Resource Unit Leader) KRYSTLE GLEASON / MARISA WILLIAMS (T)	Approved By (Planning Section Chief) PAUL ZERR (T) 	Date 09/11/2019	Time 2034
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Division/Group Assignment List (ICS 204 WF)
Controlled Unclassified Information//Basic

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SOUTH FIRE		Branch:		Division/Group:		
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Date/Time From: 09/12/2019 0700 THU		Date/Time To: 09/12/2019 1900 THU		XX		
4. Operations Personnel						
OPERATIONS CHIEF		ALEC LANE ROBERT RICE (T)		DIVISION/GROUP SUPERVISOR		ADRIAN VILLEGAS
PLANNING OPS		MIKE MINTON TROY MUELLER (T)		AIR ATTACK SUPERVISOR		
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
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	SPIKE 100/0700	SPIKE 100/1900
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 NORMAN (O-118)		09/21	JONATHAN NORMAN	1	ICP/0700	ICP/1900
TFLD SANDERS (O-18)		09/20	BILL SANDERS	1	ICP/0700	ICP/1900
TFLD(T) GILBERT (O-91)		09/24	GREG GILBERT	1	ICP/0700	ICP/1900
HEQB BERNARDI (O-26)		09/22	CARL BERNARDI	1	ICP/0700	ICP/1900
HEQB WEBB (O-86)		09/24	JOSEPH WEBB	1	ICP/0700	ICP/1900
HEQB HOGGARD (O-79)		09/24	WILLIE HOGGARD	1	ICP/0700	ICP/1900
HEQB HUFFMAN (O-87)		09/24	MICHAEL HUFFMAN	1	ICP/0700	ICP/1900
HEQB MYHRA (O-88)		09/25	ANDREW MYHRA	1	ICP/0700	ICP/1900
HEQB(T) HALL (O-102)		09/24	JAMES HALL	1	ICP/0700	ICP/1900
HEQB(T) KRIZMAN (O-20)		09/22	JAMES KRIZMAN	1	ICP/0700	ICP/1900
HEQB(T) LOSCUDO (O-101)		09/24	SEAN LOSCUDO	1	ICP/0700	ICP/1900
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	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
9. Prepared By (Resource Unit Leader)		Approved By (Planning Section Chief)		Date	Time	
KRYSTLE GLEASON / MARISA WILLIAMS (T)		PAUL ZERR (T) 		09/11/2019	2034	

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

1. Incident Name:		3.	
SOUTH FIRE		Branch:	Division/Group:
2. Operational Period: DAY			
Date/Time From: 09/12/2019 0700 THU	Date/Time To: 09/12/2019 1900 THU	XX	

4. Operations Personnel			
OPERATIONS CHIEF	ALEC LANE ROBERT RICE (T)	DIVISION/GROUP SUPERVISOR	ADRIAN VILLEGAS
PLANNING OPS	MIKE MINTON TROY MUELLER (T)	AIR ATTACK SUPERVISOR	

5. Resources Assigned this Period					
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
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 (E-61)	09/23	KENNY DINNING	2	ICP/0700	ICP/1900
DOZ2 NORTHWESTERN (E-62)	09/23	NICK DUNNE/THAD STEVENS	2	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

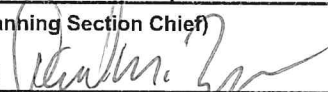
6. Control Operations/Work Assignments:
 Continue to improve handlines along fires edge and Nuisance Ridge.

 Hold and mop-up as needed.

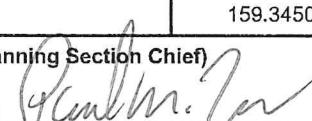
7. Special Instructions:
 MT. SHASTA AMBULANCE (MEDIC 71) WILL BE @ DP-110 DURING DAY SHIFT, UNLESS DIRECTED OTHERWISE.

 AMBULANCE WILL BE SPIKED @ DP-100 DURING NIGHT SHIFT, AVAILABLE TO RESPOND IF NEEDED.

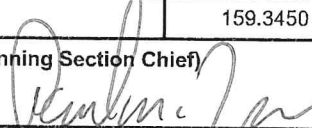
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	1 (CMD 1)	170.4500		168.1000	T-9 (100.0)	A
COMMAND	2 (CMD 2)	169.5375		164.7125	T-9 (100.0)	A
TACTICAL	6 (TAC 5)	166.7750		166.7750	T-9 (100.0)	A
AIR TO GROUND	13 (CDF A/G)	159.3450		159.3450	T-16 (192.8)	A

9. Prepared By (Resource Unit Leader) KRYSTLE GLEASON / MARISA WILLIAMS (T)	Approved By (Planning Section Chief) PAUL ZERR (T) 	Date 09/11/2019	Time 2034
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Division/Group Assignment List (ICS 204 WF)
Controlled Unclassified Information//Basic

1. Incident Name:		3.				
SOUTH FIRE		Branch:		Division/Group:		
2. Operational Period: DAY		CONTINGENCY				
Date/Time From: 09/12/2019 0700 THU	Date/Time To: 09/12/2019 1900 THU					
4. Operations Personnel						
OPERATIONS CHIEF	ALEC LANE ROBERT RICE (T)	DIVISION/GROUP SUPERVISOR		DREW BROWN		
PLANNING OPS	MICHAEL MINTON TROY MUELLER (T)	AIR ATTACK SUPERVISOR				
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	
WTT2 LOOMIS FIRE (E-37)	09/24	RONNIE HERNANDEZ	2	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/identify secondary and contingency control features North of the Nuisance Ridge. Contribute to contingency and pace planning for the incident.						
MT. SHASTA AMBULANCE (MEDIC 71) @ DP-110 DURING DAY SHIFT, UNLESS DIRECTED OTHERWISE.						
AMBULANCE WILL BE SPIKED @ DP-100 DURING NIGHT SHIFT, AVAILABLE TO RESPOND IF NEEDED.						
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
9. Prepared By (Resource Unit Leader)		Approved By (Planning Section Chief)		Date	Time	
KRYSTLE GLEASON / MARISA WILLIAMS (T)		PAUL ZERR (T) 		09/11/2019	2034	

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

1. Incident Name:		3.				
SOUTH FIRE		Branch:		Division/Group:		
2. Operational Period: NIGHT				NIGHT		
Date/Time From: 09/12/2019 1900 THU	Date/Time To: 09/13/2019 0700 FRI					
4. Operations Personnel						
OPERATIONS CHIEF	ALEC LANE ROBERT RICE (T)	DIVISION/GROUP SUPERVISOR		MATT DONNELLY		
PLANNING OPS	MIKE MINTON TROY MUELLER (T)	AIR ATTACK SUPERVISOR				
5. Resources Assigned this Period						
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	
6. Control Operations/Work Assignments:						
Monitor fire behavior in Glade.						
Provide point protection as needed in Glade, Buck Camp, and Tomhead Mountain.						
7. Special Instructions:						
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.						
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	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
9. Prepared By (Resource Unit Leader)		Approved By (Planning Section Chief)		Date	Time	
KRYSTLE GLEASON / MARISA WILLIAMS (T)		PAUL ZERR (T) 		09/11/2019	2034	

Prepared By: Kerry Koskela Prepared Date: 11 Sept, 2019 Prepared Time: 1700

AIR OPERATIONS SUMMARY

1. INCIDENT NAME: South Fire	2. OPS PERIOD DATE: 12 Sept, 2019	START TIME: 0700	END TIME: 2000	SUNRISE: 06:47	SUNSET: 19:23
3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.): 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.			4. READY ALERT AIRCRAFT MEDEVAC - See Medical Plan 5. TFR #: 9/4967 Altitude: 11,000' MSL Frequency : 132.2750 Polygon corners: 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		

6. PERSONNEL	NAME	PHONE #	7. FREQUENCIES		AM	FM	8. FIXED-WING- Type/ Make-Model/ N#/ Base
AOBD South Fire	Kerry Koskela	559-359-2122	FAA tower	Air to Air RW & TFR	119.4250		AIRTANKERS- TBA
AOBD Red Bank Fire	Ethan Darnall Sean Ohara (t)	530-200-2514 530-448-2414	Air Tactics F/W		132.2750	169.4875	LEAD PLANES- TBA
ASGS			Air to Ground Tactical			159.3450 Tone 16 (192.8) Tx & Rx	ATGS AIRCRAFT- TBA
ATGS			Air to Ground Command			167.0625	
HEB1			Command See Communications Plan				
			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	A-8							

10. MISSIONS

Water dropping as requested
Cargo to Div QQ spike in the afternoon

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		Operational Period - Date		Operational Period - Time	
RED BANK / CA-TGU-009386		649	719	1851	1921	1520		Wednesday, September 11, 2019		0700-2100		Wednesday, September 11, 2019		Sean O'Hara	
General Remarks, Safety Notes, Hazards, Air Operations Special Equipment, etc. 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 Retardant / Foam / Agent within 300' of Waterways, Bodies of Water, etc. If Retardant / 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.										Helibase Information Name Red Bluff Latitude 40° 09.35 Longitude 122 15.02"		TFR Information Request# A-101 Polygon: NM Altitude: 11,000 MSL Centerpoint: 40°07.20' Lat 122 38.40' Long NOTAMS: 9/4967 Frequency 132.2750 http://tfr.faa.gov/tfr2/list.html		Rescue Ship Information Name C205 Phone 530-321-4338 Make/Model UH-1H Location Red Bluff Request Procedure for These Aircraft: Incident Communications See Medical Plan For Additional Info	
Frequencies	TX	Tone	RX	Tone	AM / FM	Position	Name	Phone	Phone	Trainee	Phone				
Command	159.3900	110.9 (1)	151.4600	103.5 (8)	FM	AOBD	Ethan Darnall	530-200-2514	530-448-2414	Sean O'Hara	530-448-2414				
AIR / GROUND	159.3450	192.8 (16)	159.3450	192.8 (16)	FM	ASGS	Gerry Magaña	530-200-2512							
AIR/AIR ROTARY WING	132.2750		132.2750		AM	HEBM	Niko Matteoli	704-488-2460							
Helco Briefing	134.0250		134.0250		AM										
AIR TACTICS	169.4875		169.4875		FM										
FAA Temp Tower	119.4250		119.4250		AM	HLCO	Skye McGregor	530-521-8748							
TOLC	123.0250		123.0250		AM	HLCO	Byron Vance	530-588-4516							
DECK	163.1000		163.1000		FM	AAML	Tim Shiffer	650-245-1715							
CALCORD - MEDICAL	156.0750	156.7 (6)	156.0750	156.7 (6)	FM										
AIRGUARD - Emergency Only	168.6250	110.9 (1)	168.6250		FM										
HELICOPTERS (Use page 2 if Needed)															
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	16TV	II	UH1H	Red Bluff	0700	0800	Red Bank A-9		
617CK	I	S-61N	Red Bluff	0700	0800	Red Bank A-27	205	II	UH1H	Red Bluff	0700	0800	Red Bank A-9		
96W	I	S-61N	Red Bluff	0700	0800	Red Bank A-28	45AD	II	UH1H	Red Bluff	0700	0800	Red Bank A-71		
760HT	I	S-61N	Red Bluff	0700	0800	Red Bank A-29	582D	II	UH1H	Red Bluff	0700	0800	Red Bank A-33		
312KA	I	K-1200	Red Bluff	0700	0800	Red Bank A-31	811KA	II	212HP	Red Bluff	0700	0800	Red Bank A-35		
801	I	CH47	Red Bluff	0700	0800	Red Bank A-79									
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									
802	I	CH47	Red Bluff	0700	0800	Red Bank A-146									
							90301	III	206	Red Bluff	0700	0800	Red Bank A-37		
							3604T	III	ASTAR	Red Bluff	0700	0800	Red Bank A-38		
							226GM	III	206L4	Red Bluff	0700	0800	Red Bank A-39		
FIXED WING (Use Page 2 if Needed)															
FAA #	Type	Make/Model	Base	Avail	Start	Remarks	FAA #	Type	Make/Model	Base	Avail	Start	Remarks		

INCIDENT RADIO COMMUNICATIONS PLAN			Incident Name SOUTH CA-SHF- 001209			Date/Time Prepared 09/11/19 1700		Operational Period Date/Time 09/12/2019 DAY / NIGHT 0700-0700	
Only frequencies listed on this 205 are authorized for use on this incident.			Hand programmers accept all responsibility for the use of unauthorized frequencies.						
Ch #	Function	Channel Name	Assignment	RX Freq	RX Tone	TX Freq	TX Tone	Mode	Remarks
1	NIFC C-2	CMD 1	SOUTH COMMAND 1	170.4500	T-9 (100.0)	168.1000	T-9 (100.0)	A	TOMHEAD LOOKOUT USE TONE 9 (100.0)
2	NIFC C-8	CMD 2	SOUTH COMMAND 2	169.5375	T-9 (100.0)	164.7125	T-9 (100.0)	A	TEPOC MT. USE TONE 9 (100.0)
3	NIFC T-1	TAC 1	DIVISION VW TACTICAL	168.0500	T-9 (100.0)	168.0500	T-9 (100.0)	A	DIVISION VW TACTICAL USE TONE 9 (100.0)
4	NIFC T-3	TAC 3	DIVISION QQ TACTICAL	168.6000	T-9 (100.0)	168.6000	T-9 (100.0)	A	DIVISION QQ TACTICAL USE TONE 9 (100.0)
5	NIFC T-4	TAC 4	DIVISION RR / NIGHT/ TACTICAL	166.7250	T-9 (100.0)	166.7250	T-9 (100.0)	A	DIVISION RR TACTICAL USE TONE 9 (100.0)
6	NIFC T-5	TAC 5	DIVISION XX TACTICAL	166.7750	T-9 (100.0)	166.7750	T-9 (100.0)	A	DIVISION XX TACTICAL USE TONE 9 (100.0)
7	NIFC T-6	TAC 6	CONTINGENCY	168.2500	T-9 (100.0)	168.2500	T-9 (100.0)	A	UNASSIGNED
8	SHF REPEAT	SHF-R	SHF CONTACT	171.5750		165.0125	T-12 (127.3)	A	EMERGENCY CONTACT FOR SHF DISPATCH TONE 12 (127.3)
9	SHASTA REPEAT	SHF-R	SHF CONTACT	171.5750		165.0125	T-14 (151.4)	A	EMERGENCY CONTACT FOR SHF DISPATCH USE TONE 14 (151.4)
10	CDF COMMAND 7	CDF CMD 7	CDF COMMAND 7	151.4600	T-8 (103.5)	159.3900	T-1 (110.9)	A	RED BANK COMMAND
11									
12									
13	AIR TO GROUND	CDF A/G	RED BANKS AIR TO GROUND	159.3450	T-16 (192.8)	159.3450	T-16 (192.8)	A	USE TO CONTACT AIR ATTACK TO GET AIR RESOURCES TO SOUTH
14	AIR TO GROUND	A / G	SOUTH AIR TO GROUND TACTICAL	167.0625		167.0625		A	SOUTH FIRE AIR TO GROUND TACTICAL NO TONE
15	CALCORD	CALCORD	MEDICAL	156.0750	T-6 (156.7)	156.0750	T-6 (156.7)	A	MEDICAL EVAC. USE TONE 6 (156.7)
16	AIR GUARD	AIR GUARD	EMERGENCY ONLY	168.6250		168.6250	T-1 (110.9)	A	EMERGENCY ONLY
Prepared by				Incident Location					
RICK STONE COML				SOUTH ICP					



MEDICAL PLAN (ICS 206 WF)

1. Incident/Project Name	2. Operational Period
South Fire	Date/Time 9/12/19 - 0700 9/13/19 - 0700

3. Ambulance Services				
Name	Location	Phone & EMS Frequency	Advanced Life Support (ALS)	
			Yes	No
Mt. Shasta Medic 71- incident	DP-110 area Day DP-100 Night	Contact South Comm.	X	
St. Elizabeth Ambulance	Red Bluff, CA	911 or 530 527-2241	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
	Lat:		Air	Grnd		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.

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

7. Remote Aid Stations	
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 	9/11/19 1900	Michele Tanzi 	9/11/19 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"/> URGENT-RED Life threatening injury or illness. <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 IMMEDIATE.
<input type="checkbox"/> PRIORITY-YELLOW Serious Injury or illness. <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 DELAYED.
<input type="checkbox"/> ROUTINE-GREEN Not a life threatening injury or illness. <i>Ex: Sprains, strains, minor heat-related illness.</i>	Non-Emergency. Evacuation considered Routine of Convenience.

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

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

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

- 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)

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 12-13, 2019 (0700 to 0700)

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
ALL	Medical Emergencies	<p>~ Contact South Comm for Medical Emergencies, Notify Division Supervisor immediately</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>~ 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.</p> <p>~ Base all operational decisions and activities on these 3 questions:</p> <ol style="list-style-type: none"> 1.) What are we going to do if someone gets hurt? 2.) How will we get them out of here? 3.) How long will it take to get them to a hospital? <p>~ If the answers are insufficient, stop, re-assess and consider alternate strategies and tactics.</p> <p>~ Have Alternate plan in place when aircraft is grounded due to visibility issues.</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"> * <u>Minimum</u> of a 20' x 20' clearing * 3 GREEN Glow Sticks placed on edges of clearing forming a triangle to assist pilot in visual horizon. * Turn ALL headlamps and vehicle lights OFF * Communicate with Air Ambulance on CALCORD tone 6 <p>~ Be aware of Rotor Wash & its effect on Fire behavior when the extraction point is next to an active fires edge.</p> <ul style="list-style-type: none"> • If possible, MOVE patient to an area with less fire activity
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>~ Practice “Defensive Driving” techniques traveling on all roads in both rural and urban settings</p> <p>~ Slowdown in limited visibility (smoky/dusty) & congested areas. Increase following distances to allow dust to settle, & 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>~ NO riding in the back of pick-ups. It is against the Law.</p>
XX	Heavy Equipment Operations	<p>~ Establish visual & 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"> • Pre-hydrate, Re-hydrate! Dehydration is preventable.....Drink a <u>minimum</u> of 250ml/hour; (¼ of canteen) • 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 • Drink water & Electrolyte drinks before, during, and after shifts. (2 waters to 1 sports drink). • Do NOT mix with water or dilute electrolyte drink. It must be consumed as is for the body to absorb properly. • Pace work to avoid heat injuries • Heat exhaustion is characterized by: Weakness, Extreme Fatigue, Nausea, Dizziness & Headaches, clammy skin, persistent muscle cramps, decreased urine output. <ul style="list-style-type: none"> o Cool patient as quickly as possible! o Move patient to a cooler location and provide cold water and sports drink. o Actively reduce core temperature through evaporation by fanning patient. o Remove Patient from fire line and seek medical attention o Cover head and neck with wet cloth, increase air movement. o Heat exhaustion is characterized by: Weakness, Extreme Fatigue, Nausea, Dizziness, Headaches, clammy skin, persistent muscle cramps, and decreased urine output • Refer to Medical Plan in IAP for additional EMS care and Evacuation
ALL	Rocky, Rugged Terrain	<p>~ Unforgiving terrain. Ensure you remain focused when walking.</p> <p>~ Maintain 8'-10' spacing when working & walking.</p> <ul style="list-style-type: none"> • Evaluate the necessity to send personnel in areas with limited access. Evaluate the type of resources needed to do the job if required <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 12-13, 2019 (0700 to 0700)**

ALL	Fire Behavior	<ul style="list-style-type: none"> ~ Provide weather forecasts/observations for all personnel assigned during Operational briefings ~ Update field personnel via the Command Channel when significant weather changes are observed that could impact area ~ Develop Management Action Points/Trigger Points for disengagement of resources and make them known to all. Re-assess as needed. ~ Use "Risk Management Process" prior to engaging in suppression actions, referring to pg 1, IRPG, 2108 ~ Ensure LCES is in place before engagement of resources 	
ALL	Hazard Trees	<ul style="list-style-type: none"> ~ Scout work area for aerial hazards prior to engagement to ensure a safe work area ~ Follow "Hazard Tree Safety" guidelines, page 22, 23 in IRPG, 2018 ~ Look up, down and around for Hazard Tree indicators. Info on pg 22 IRPG, 2018 ~ Post lookouts, or use a spotter in mop-up areas with personnel. ~ Don't park vehicles or take breaks in high concentrations of hazard trees. ~ Establish trigger points for disengagement during high wind events. ~ Remember that the hazard zone extends a minimum of 2 1/2 tree heights. ~ Utilize pg 85 in the IRPG, 2018 for Procedural Felling Operations ~ No "Felling" of any tree at Night, or during High Wind events. ~ Flag off areas of concern, communicate to Division, adjoining resources, and brief relief resources until hazards have been mitigated ~ Post a "Lookout" if possible to control the area of concern 	
ALL	Biting, Stinging Insects, & Critters (Rattle Snakes, Bees, Mosquitoes, Scorpions, Ticks, Wildlife, etc)	<ul style="list-style-type: none"> • If allergic to bee stings, let your DIVS & Medic/EMT's know. • 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 • Use bug spray to minimize mosquito bites. • Check yourself daily for tick bites. • Leave wildlife alone. Backhaul ALL Trash please. 	
INCIDENT NAME SOUTH FIRE ICS 215a		DATE PREPARED: <p align="center">September 11, 2019</p> TIME PREPARED: 1900 HOURS	OPERATIONAL PERIOD Sept 12 - 13, 2019 (0700 – 0700) Prepared by: Tanzi – SOF1, Barnhart – SOF2,



Nutrition: What we are eating and why

Firefighter Health & First Aid

Nutrition is a critical part of the health and safety of wildland fire suppression personnel. This is the fuel for the body to perform the work and maintain cognitive abilities. Wildland firefighters on the fireline need 4,000-6,000 calories a day to not go into an energy deficit. Consider the following key points when choosing your meal:

- There are 3 major energy sources in food: carbohydrates, protein, and fats.
- Carbohydrates (also called sugar) offer an immediate source of energy for your body. They provide the fuel for your muscles and organs, such as your brain.
- Proteins are the basic building blocks of the human body. They are made up of amino acids that help build muscles, blood, skin, hair, nails and internal organs.
- Fat is an essential nutrient that provides energy, energy storage, insulation, and contour to the body.
- MTDC recommends eating 150-200 kcals every 2 hours during the work shift to maintain blood glucose and energy levels.

Carbohydrates:

- Studies on athletes have shown that carbohydrates are the most critical energy source for performance and health.
- Carbohydrates are your body's first choice for fuel. If given a choice of several types of foods simultaneously, your body will use the energy from carbohydrates first.
- If you do not eat enough carbohydrates, the following can occur:
 - Fatigue
 - Muscle cramps
 - Poor mental function
- The fire camp lunches (called shift food) are designed to allow firefighters small amounts of food (primarily carbohydrates) that can be easily eaten throughout the work shift.

Discussion Points

How are you eating your fire lunch? Is it all at once or small amounts throughout the day? Think of long duration events (Ultra Runs, triathlons), do you see athletes stopping for a big meal or eating small amounts constantly throughout the race?

Additional Resources:

Eating for Health and Performance web presentation, MTDC Tech Tip on Nutrition (2007), NWCG Fitness and Work Capacity Ch 10, and Book "Sport Nutrition, 2 Ed"; by Asker Jeukendrup and Michael Gleeson

This topic was submitted by Joe Domitrovich, PhD, Exercise Physiologist, Missoula Technology and Development Center

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 Thursday, September 12, 2019

HUMAN RESOURCE MESSAGE

Communication is a two-way street. When communication becomes a one-way, it becomes a traffic jam and turns into an issue. Some examples are:

- Someone irritating you and getting on your nerves, but you don't say anything until it boils over and causes a crash.
- A misunderstanding of what someone was trying to communicate to you, but you didn't take the time to clarify what was said and just stewed about it.
- It can be like the telephone game. It starts with specific information and by the time it gets to the end it very different than what was first communicated.

Whatever it is, clear the communication lines in a respectful manner and make it a smooth safe flowing two way street!



“The single biggest problem in communication is the illusion that it has taken place”by George Bernard Shaw

Feel free to call/text or come by the HRSP trailer if you have questions, concerns, or just want to chat.

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



