

INCIDENT ACTION PLAN

Stone Fire

CA-MDF-001193

P5L3GU (0509)

NorCal
Interagency



Incident
Management
Team

DAY SHIFT

8/18/2018 0600

to

8/18/2018 1800

Fire Information (530) 710-8620

Saturday

INCIDENT OBJECTIVES (ICS 202)

1. Incident Name: Stone Fire	2. Operational Period:	Date From: 8/18/2018	Date To: 8/18/2018
		Time From: 0600	Time To: 1800

3. Objective(s):

Management Objectives

- Ensure strategies and tactics commit responders to operations with a high probability of success and minimizes exposure through the application of sound risk management principles.
- Minimize the threat to communities, infrastructure and natural resources.
- Establish and strengthen cooperator, partner and stakeholder relationships.
- Work closely with assigned resource advisors to minimize suppression impacts to sensitive cultural and natural sites.

Control Objectives

- Keep the fire east of County Road 91
- Keep the fire South of National Forest Road 42N60
- Keep the fire North of County Road 85 to NF 41N10 to 42N10
- Keep the fire West of State Highway 139 and State Highway 299

General Situational Awareness:

5. Site Safety Plan Required? Yes No

Approved Site Safety Plan(s) Located at:

6. Incident Action Plan


- | | | | |
|---|--|---|---|
| <input checked="" type="checkbox"/> ICS 203 | <input checked="" type="checkbox"/> ICS 215A | <input type="checkbox"/> Phone List | <input type="checkbox"/> Fire Suppression Repair Plan |
| <input checked="" type="checkbox"/> ICS 204 | <input checked="" type="checkbox"/> ICS 220 | <input type="checkbox"/> Training Message | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> ICS 205 | <input checked="" type="checkbox"/> Incident Map | <input type="checkbox"/> Travel Map | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> ICS 206 | <input checked="" type="checkbox"/> Weather Forecast | <input type="checkbox"/> Demob Plan | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> ICS 208 | <input checked="" type="checkbox"/> Fire Behavior | <input type="checkbox"/> Finance Message | <input checked="" type="checkbox"/> ICS 214 |

7. Prepared By: John Owen Position/Title: PSC Signature:

8. Approved by Incident Commander: Daren Dalrymple Signature:

ICS 202

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name: Stone Fire		2. Operational Period: Date From: 8/18/2018 Time From: 0600		Date To: 8/18/2018 Time To: 1800	
3. Incident Commander(s) and Command Staff:			7. Operation Section:		
IC/UC's	Daren Dalrymple / Eric Petterson (t)		Day Operations	Jason Withrow / Heather McRae (t)	
Deputy	Matt Johnson		Planning Ops	Dan George	
Safety Officer	Terry Oconnell / Frank Pingcizer / Steve Davis		Night Operations	Mario Gomez	
Information Officer	Adrienne Freeman / Darren McMillen				
Liaison Officer	Tim Fike / Glenn 'Kipp' Morrill				
			Branch		
			Division/Group	A	Ted King
			Division/Group	C	Tom Browning / Josh Wheeler (t)
			Division/Group	M	Ryan Danielson *24 HR
			Division/Group	Z	Sheply Schroth-Cary
4. Agency/Organization Representatives:			Division/Group	Ground Support	John Fell
Modoc NF AA	Amanda McAdams		Division/Group		
Modoc NF AREP	Greg Moon		Division/Group		
Modoc County Sheriff	Mike Poindexter		Division/Group		
Modoc County OES	A.J. McQuarrie		Division/Group		
CalTrans	Abe Torres		Division/Group		
CHP	Jason Viehdorfer		Division/Group		
Pit River Tribal Admin	Charles White		Division/Group		
CalFire	Jim Ferguson		Division/Group		
Lead READ	Pete Johnston		Branch		
OES AREP	Kit Bailey		Division/Group		
			Division/Group		
			Division/Group		
			Division/Group		
			Division/Group		
			Branch		
5. Planning Section:			Division/Group		
Chief	Jeff Buscher		Division/Group		
Deputy	John Owen		Division/Group		
Resource Unit	Duane Miller		Division/Group		
Situation Unit	Ryan Wakefield / Jeff Wilson		Division/Group		
Documentation Unit	Mike Dunkel		Branch		
Demobilization Unit	Mike Dunkel		Division/Group		
GISS	Steve Walterscheid / Angela Marsh / Roberta Lim (t)		Division/Group		
FBAN	Ken Larson / Matt Brown (t)		Division/Group		
IMET	Tom Wright		Division/Group		
Training Tech Spec	Brad Smith / Frank Davis (t)		Staging Area		
SCKN	Mark Thomas (t)		Air Operations Branch	Director:	Staci Dickson
6. Logistics Section			Air Support Group Supervisor	Joel Torres	
Chief	Jack Costello		Helibase Manager	Gabe Herrera	
Deputy	Mike Heckendorf				
Supply Unit	Tracey Valentine				
Facilities Unit	Rick Crowther / B. Patten				
Ground Support Unit	John Fell /Merle Drucker/ Greg Jewers(t)		8. Finance/Administration Section:		
Communications Unit	Don Stoner		Chief	Beth Lopez	
Medical Unit	Pat Young		Time Unit	Penny Portlock	
Food Unit	Kevin Browning / Becky Baker		Equip. Time Unit	Juanita Cortez	
			Comp/Claims Unit	Tina Kennedy	
			Cost Unit	Sam Rapphahn	
			Personnel Time	Lisa Fisher	
Prepared By: Name:	Duane Miller	Position/Title:	RESL	Signature:	
ICS 203		Date/Time:	8/17/2018 2300 hours		



Fire Weather Forecast

SATURDAY AUG 18, 2018



FORECAST NO: 1
PREDICTION FOR: Saturday
SHIFT DATE: Aug 18, 2018
ISSUED: 2000, Aug 17, 2018

NAME OF FIRE:
UNIT:
Incident Meteorologist:

Stone
Modoc N.F.
Tom Wright

***** HOT, BREEZY, AND EXTREMELY DRY SATURDAY *****

DISCUSSION: Little change is expected in the weather Saturday. A mid-slope inversion is expected in the morning with poor humidity recoveries and active burning conditions above and slightly less active conditions below. However, once the inversion mixes out around 1300 hours, it will become very dry with humidities in the single digits. Winds will be southwest gusting up to 25 mph in exposed areas and drainages aligned with the wind. Increased moisture aloft and a little less instability will reduce the Haines to a 4 for today, so plume domination is slightly less likely than yesterday. Dry air remains over the fire Saturday night with poor to moderate humidity recoveries, light slope drive winds below mid-slope, and light northeast winds above.

SATURDAY:

- WEATHER: Sunny.
- WIND (20 FT): Downslope 1-3 mph through 0900, the upslope 2-5 mph most areas. Southwest 5-10 mph with gusts to 20 mph on ridges, exposed areas, and wind-aligned drainages.
- MAX TEMPERATURES: 90-95
- MIN RH: 6-10%
- CHANCE RAIN: 0%
- HAINES: 4
- MIXING HEIGHT: 500 ft AGL or less, increasing to 5,000 ft AGL around 1100, then increasing to 8,000 ft AGL.
- MIXING WINDS: North around 5 mph through 1100, then west 10-15 mph.

SATURDAY NIGHT:

- WEATHER: Mostly clear.
- WIND (20 FT): Becoming northeast around 5 mph ridges and exposed areas, otherwise, downslope 1-3 mph.
- MIN TEMPERATURES: 60-65.
- MAX RH: 25-30%.
- CHANCE RAIN: 0%
- INVERSION: Moderate developing around mid-slope.

SUNDAY:

- WEATHER: Sunny.
- WIND (20 FT): Downslope 1-3 mph through 0900, the upslope 2-5 mph most areas. Southwest 5-10 mph with gusts to 20 mph on ridges, exposed areas, and wind-aligned drainages.
- MAX TEMPERATURES: 90-95
- MIN RH: 4-8%
- CHANCE RAIN: 0%
- HAINES: 5
- MIXING HEIGHT: 500 ft AGL or less, increasing to 6,000 ft AGL around 1100, then increasing to 10,000 ft AGL.
- MIXING WINDS: North around 5 mph through 1100, then west-southwest 20-25 mph.

3-5 DAY TRENDS

Monday through Wednesday: Little change. Continued hot and dry. Winds light slope driven, except gusty southwest winds in the afternoon and evening over exposed areas and wind-aligned drainages.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 003	TYPE OF FIRE: Wildfire Full Suppression
FIRE NAME: Stone	OPERATIONAL PERIOD: 8-18-18 Day Shift
DATE ISSUED: 8-17-18	TIME ISSUED: 2100
UNIT: CA-MDF	SIGNED: <u>Matt Brown</u> Typed/printed: Matt Brown FBAN(t)

INPUTS

WEATHER SUMMARY: Warming and drying trend will continue with single digit humidity and afternoon gusty winds, primarily terrain driven at eye level and Southwest aloft. Expect changes on Sunday as confidence builds for a low-pressure system to impact the fire area.

Temp: 90-95F RH: Min 6-10% Wind: Light and Variable turning Southwest 5-10 with gusts to 20 at the 20ft. level. Inversion to mix out at 1300 hrs. Haines of 4 (down one from previous operational period).

Both ERC and 1000 hr Fuel Moistures are in the 97th percentile. Live fuels recorded on 8-5-18 in Sage were 100% and 122% at locations closest to the fire. Fine Dead should be 2% on a West Aspect in the afternoon with a PI of 100%.

OUTPUTS

FIRE BEHAVIOR

GENERAL:

In the morning expect moderate fire activity until the inversion breaks which will allow terrain winds to mix out the smoke layer. The poor RH recovery will allow the fire to remain active through the night. Expect the fire location to change with relation to map products as most IR perimeters provide the most accurate location for fires that experience strong RH recoveries and minimal overnight spread. This will not be the case for our weather scenario. As the smoke mixes out, expect active fire behavior with single and group tree torching, short duration crown runs in aligned drainages and short distance spotting. Although the high pressure is providing resistance to instability and moderating fire behavior, the associated extremely low RH values are keeping light fuels receptive to brands and providing complete consumption of the dead component. Expect pyrocumulus development and the associated outflow winds when the fire burns in heavy concentrations of dry fuel.

SPECIFIC:

Limited direct attack opportunities will be present in all divisions with light fuel loading in the early parts the shift. Normal burning conditions should produce ROS of 20-25 ch/hr and flame lengths 4-6 ft. in the grass shrub mix. When the fire transitions into the heavier shrub understory, expect ROS of 70-75 ch/hr and flame lengths of 15-20 ft.

Expect increased spot distance, ROS and flame lengths with pyrocumulus outflow winds later in the operational period, until sunset.

Divisions A/C/Z will experience variable wind conditions, moderate ROS and flame length during the early part of operational period. Pyrocumulus outflow winds will add to the prevailing wind and may cause ROS to exceed expectations. Fire that has crossed the Pit River will burn actively due to the heavy concentration of dead component and tight crown spacing.

Division M will experience variable winds under normal burning conditions. Outflow and aligned Southwest winds will challenge containment and pressure established control lines until after sunset.


AIR OPERATIONS:

Smoke may obscure air operation opportunities early in the operational period. As the fire moves into areas covered with more grass and less conifer, expect increased effectiveness with retardant application.

SAFETY

As smoke columns rise and gain access to the upper layer of instability, a pyrocumulus will form and then collapsed at an unpredictable time. Many times an outflow wind will immediately follow a period of sudden calm. Make sure your LCES is based upon the effect of outflow winds and reduce exposure to situations of unburned fuel between you and the fire when visual indicators of instability are present. Surface fires consuming large amounts of heavy dead component may pre-condition conifer canopy and increase probability of a re-burn though the crowns on steeper windward slopes.


ASSIGNMENT LIST (ICS 204)

1. Incident Name: Stone Fire		2. Operational Period: Date From: 08/18/18 Date To: 08/18/18 Time From: 0600 Time To: 1800			3. Branch: Div/Group: A Alpha		
4. Operations Personnel: Operations Section Chief: Jason Withrow / Heather McRae (t) Night Ops: Mario Gomez Branch Director: Division/Group Supervisor: Ted King							
5. Resources Assigned:					Reporting Location, Special Equipment, Remarks, Notes, and Information Time Location		
Resource Identifier	LWD	Leader	Personnel	Request #			
HC2IA - MISSOURI #5		Dan Hartwig	20	C-2	0700	ICP	
HC2 SHASTA 21				C-5	0700	ICP	
ENG3 S/T 3300C		Kyle Heggstrom	17	E-98	0700	ICP	
WT2 ACKLEY E-54		L. Ackley	1	E-54	0700	ICP	
6. Work Assignments: Scout and prep the 85 road. Provide structure protection along the 85 road. Scout opportunities for indirect line construction from the 85 road north to Division C.							
7. Special Instructions:							
8. Communications (radio and/or phone contact numbers needed for this assignment):							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
ADM NET	1	Command	173.7875		162.4875	146.2 (Tn5)	Tone 5
NIFC TAC 3	5	Tactical	168.6000	0.0	168.6000	0.0	
CALCORD	15	MEDICAL	156.0750	156.7	156.0750	156.7	Medical Emergency Tactical Tone 6
A/G CMD	13	A/G Command	167.0750		167.0750		
A/G TAC	14	A/G Tactical	166.6000		166.6000		
9. Prepared by: Name:		Duane Miller		Pos/Title: RESL		Signature: 	
ICS 204		Date/Time: 8/17/2018		2300 hours			

ASSIGNMENT LIST (ICS 204)

1. Incident Name: Stone Fire		2. Operational Period: Date From: 08/18/18 Date To: 08/18/18 Time From: 0600 Time To: 1800				3. Branch: Div/Group: C Charlie	
4. Operations Personnel: Operations Section Chief: Jason Withrow / Heather McRae (t) Night Ops: Mario Gomez Branch Director: #N/A Division/Group Supervisor: Tom Browning / Josh Wheeler (t)							
5. Resources Assigned:					Reporting Location, Special Equipment, Remarks, Notes, and Information Time Location		
Resource Identifier	LWD	Leader	Personnel	Request #			
HC2IA FORT APACHE #01	8/27	Kenny Burnette	20	C-3	0700-	ICP	
HC2IA SHASTA LAKE	8/21	Isaac Flattley	21	C-4	0700-	ICP	
ENG3 LNF 63	8/29	Rich Davis	5	E-17	0700-	ICP	
ENG3 SHF 332	8/29	Warren Swab	5	E-15	0700-	ICP	
ENG3 SHF 42	8/29	John Chandler	5	E-16	0700-	ICP	
DO22 SHERER W/LWBY E-11	8/29	Don Richardson	3	E-11	0700	ICP	
DO22 SHERER W/LWBY E-12	8/29	Jim Sherer	3	E-12	0700	ICP	
FALM VOLCANO O-108	8/31	Jeff Turpin	2	O-108	0700	ICP	
6. Work Assignments: Prep NFS road 42N60 from county road 91 to Hwy 139.							
7. Special Instructions:							
8. Communications (radio and/or phone contact numbers needed for this assignment):							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
ADM NET	1	Command	173.7875		162.4875	146.2 (Tn5)	Tone 5
NIFC TAC 1	3	Tactical	168.0500	0.0	168.0500	0.0	
CALCORD	15	MEDICAL	156.0750	156.7	156.0750	156.7	Medical Emergency Tactical Tone 6
A/G CMD	13	A/G Command	167.0750		167.0750		
A/G TAC	14	A/G Tactical	166.6000		166.6000		
9. Prepared by: Name: Duane Miller Pos/Title: RESL Signature:							
ICS 204	Date/Time: 8/17/2018 2300 hours						

ASSIGNMENT LIST (ICS 204)

1. Incident Name: Stone Fire		2. Operational Period: Date From: 08/18/18 Date To: 08/18/18 Time From: 0600 Time To: 1800				3. Branch: Div/Group: M Mike	
4. Operations Personnel: Operations Section Chief: Jason Withrow / Heather McRae (t) Night Ops: Mario Gomez Branch Director: #N/A Division/Group Supervisor: Ryan Danielson *24 HR							
5. Resources Assigned:					Reporting Location, Special Equipment, Remarks, Notes, and Information Time Location		
Resource Identifier	LWD	Leader	Personnel	Request #			
HC1 INTERMOUNTAIN 1	8/29		13	C-9	0700-	ICP	
HC1 INTERMOUNTAIN 2	8/29		13	C-10	0700-	ICP	
ENG3 S/T 9161C *24HR			16	E-8	0700	ICP	
DOZ2 2240 E-1 *24 HR			3	E-1	0700	ICP	
DOZ2 2242 E-112 *24HR			3	E-112	0700	ICP	
DOZ2 2346 E-114 *24HR			3	E-114	0700	ICP	
DOZ2 2544 E-113 *24HR			3	E-113	0700	ICP	
DOZ1 BUSHEY W/LWBY E-14			3	E-14	0700	ICP	
WT2 CREEK RANCH E-41		LANCE LINKER	1	E-41	0700	ICP	
6. Work Assignments: Provide structure protection west of Hwy 139 from NFS road 42N60 to Hwy 299.							
7. Special Instructions:							
8. Communications (radio and/or phone contact numbers needed for this assignment):							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
ADM NET	1	Command	173.7875		162.4875	146.2 (Tn5)	Tone 5
R 5 TAC 4	11	Tactical	166.5500	0.0	166.5500	0.0	
CALCORD	15	MEDICAL	156.0750	156.7	156.0750	156.7	Medical Emergency Tactical Tone 6
A/G CMD	13	A/G Command	167.0750		167.0750		
A/G TAC	14	A/G Tactical	166.6000		166.6000		
9. Prepared by: Name: Duane Miller Pos/Title: RESL Signature: 							
ICS 204	Date/Time: 8/17/2018 2300 hours						

ASSIGNMENT LIST (ICS 204)

1. Incident Name: Stone Fire		2. Operational Period: Date From: 08/18/18 Date To: 08/18/18 Time From: 0600 Time To: 1800				3. Branch: Div/Group: Ground Support	
4. Operations Personnel: Operations Section Chief: Jason Withrow / Heather McRae (t) Night Ops: Mario Gomez Branch Director: Division/Group Supervisor: John Fell #N/A							
5. Resources Assigned:					Reporting Location, Special Equipment, Remarks, Notes, and Information		
Resource Identifier	LWD	Leader	Personnel	Request #	Time	Location	
WT1 CAN E-34			1	E-34	0700	ICP	
WT2 OILAR E-42		Glenn Reilly	1	E-42	0700	ICP	
WT2 OILAR E-43		Daniel Oilar	1	E-43	0700	ICP	
WT2 TURNER 01 E-45		Chris Buentiempo	1	E-45	0700	ICP	
WT3 PHILLIPS E-35			1	E-35	0700	ICP	
WT2 GARDNER RANCH E-33		Reed Gardner	1	E-33	0700	ICP	
WT2 WET AND WILD E-44		Gary Begrin	1	E-44	0700	ICP	
6. Work Assignments: Water roads as needed.							
7. Special Instructions: If assigned to a specific DIV make sure to use appropriate TAC channel.							
8. Communications (radio and/or phone contact numbers needed for this assignment):							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
ADM NET	1	Command	173.7875		162.4875	146.2 (Tn5)	Tone 5
#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
CALCORD	15	MEDICAL	156.0750	156.7	156.0750	156.7	Medical Emergency Tactical Tone 6
A/G CMD	13	A/G Command	167.0750		167.0750		
A/G TAC	14	A/G Tactical	166.6000		166.6000		
9. Prepared by: Name: Duane Miller Pos/Title: RESL Date/Time: 8/17/2018 2300 hours							
ICS 204						Signature:	<i>[Signature]</i>

DIV	HAZARDOUS ACTIONS / CONDITIONS	MITIGATIONS / WARNINGS / REMEDIES
ALL	DANGER TREES	<ul style="list-style-type: none"> Follow "Hazard Tree Safety" guidelines, IRPG. 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".
ALL	DRY FUEL CONDITIONS	<ul style="list-style-type: none"> Establish and maintain LCES. Heavy grass crop, fuel moistures at critical levels. Anticipate intense burning and rapid rates of spread. Watch for spot fires. Allow for adequate time to escape routes and safety zones.
ALL	TRAFFIC & DRIVING	<ul style="list-style-type: none"> Practice "Defensive Driving" techniques. Use spotters when backing. Always use headlights. Some roads are dead end with poor turn around, scout roads first. Watch for livestock.
DIV A/M	STRUCTURE PROTECTION	<ul style="list-style-type: none"> Review Structure Protection; IRPG. Do not commit to stay on a structure unless the area around the structure represents an adequate safety zone. Set trigger points to disengage and allow adequate time to relocate to primary and secondary safety zones. Look for propane tanks and other hazardous materials.
ALL	AIR OPERATIONS	<ul style="list-style-type: none"> Follow Aviation Watch-Out Situations", IRPG. Don't plan on air resources for medical transport or resupply. Refer to IRPG for directing bucket drops. Ensure positive communication with all air resources.
ALL	SPOT FIRES	<ul style="list-style-type: none"> Size up prior to engagement. Watch for multiple spots. Ensure LCES is in place. Maintain Situational Awareness at all times.
ALL	FIRE WEATHER	<ul style="list-style-type: none"> Winds increasing or changing direction. Weather becoming hotter and drier. Unstable atmosphere can promote rapid fire growth.
ALL	FIRING OPERATIONS	<ul style="list-style-type: none"> A written guideline shall be prepared and approved for major burning operations. Conduct thorough briefing for all personnel (inside rear cover IRPG). Qualified personnel for all assignments. Trainees to have qualified trainers. Required PPE to be worn by all personnel involved. Establish LCES prior to implementing burning operations.
ALL	STEEP TERRAIN & ROLLING DEBRIS	<ul style="list-style-type: none"> Maintain 8'-10' spacing when working & walking. Don't work above any personnel. Evaluate necessity to send personnel in areas with limited access.
ALL	FATIGUE	<ul style="list-style-type: none"> Be alert for signs of fatigue and take breaks as necessary. Maintain 2:1 work/rest ratio. Monitor incoming resources for level of fatigue.
ALL	HEAT RELATED ILLNESS (HRI) & DEHYDRATION	<ul style="list-style-type: none"> Drink 2 to 1 water to sports drinks. Take frequent breaks, minimum of 10 minutes every hour. Recognize symptoms of HEAT RELATED ILLNESS which include; Lack of energy, headaches, dizziness, lack of rest, no hunger, poor eating habits, hot skin, and lack of sweating
ALL	HEAVY EQUIPMENT OPERATIONS	<ul style="list-style-type: none"> Ensure communications are established with operators. Use hand signals if other communications are unavailable. Maintain a 50'-100' exclusion area around equipment. Use a spotter when backing.

INCIDENT NAME STONE ICS 215a	DATE PREPARED: <p style="text-align: center;">August, 17, 2017</p>	OPERATIONAL PERIOD Day Shift 08/18 0600-1800 Prepared by: T. OConnell, Steve Davis Frank Pingiczer
	TIME PREPARED: 1600 HOURS	

Lookouts
Communications
Escape Routes
Safety Zones

STONE FIRE

Operation Period: 08/18/2018

Day Shift

SAFETY MESSAGE

STRUCTURE PROTECTION PLANNING

- Don't enter a burning structure unless you are trained, equipped, and authorized.
- Always stay mobile and wear all of your PPE.
- Back in equipment to allow for a quick escape.
- Coil a short, 1 ½", charged line with fog nozzle on your engine for safety and quick knock down capability.
- Don't make long hose lays. Keep at least 100 gallons of water reserve in your tank.
- Check the road system before the fire approaches. Know bridge limits, alternate access routes, and turnarounds for your vehicle and other support vehicles.
- Determine if residents are home. Leave inside and outside lights on regardless of the time of day, close the garage door.
- Check and mark hazmat; (ie. LPG, pesticides, and paint storage)

MAJOR HAZARDS AND RISKS

STEEP TERRAIN FATIGUE SPOT FIRES	ROLLING MATERIAL DEHYDRATION BUCKET DROPS	HEAVY EQUIPMENT HAZARD TREES COMPLACENCY
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Be sure all elements of your safety plan are in place prior to engagement

Briefing Protocol

Brief your personnel using the IRPG checklist prior to engagement

Re-brief anytime your plan changes, unexpected changes compromise the plan or your safety, or anytime essential information becomes known and needs to be communicated

Ask questions to be sure essential content is understood


Stay Hydrated

Drink fluids before, during, and after the shifts.

For every 2 bottles of water, drink 1 bottle of Gatorade.

At 2% dehydration, performance will fall off by 10-20% and is the #1 trigger of fatigue.

MEDICAL PLAN (ICS 206 WF)

1. Incident Name				2. Operational Period							
Stone Fire				Date/Time: 08/18/2018		0600-1800					
3. EMS / Ambulance Services											
Name	Location			Phone & EMS Frequency		Advanced Life Support (ALS) Yes No					
Modoc County Ambulance	Alturas, Ca			Forest Admin. Tone 5		XX					
4. Air Rescue / Air Ambulance Services											
Name		Phone			Type of Aircraft & Capability						
SEMSA Air 2 Adin, Ca		Forest Admin Tone 5 530-233-4581			Medical Air Ship, 1 Patient Day and Night						
REACH and PHI Helicopter Redding, Ca.		Forest Admin Tone 5 530-233-4581			Medical Air Ship, 1 Patient Day and Night						
Cal Fire 202 Bieber, Ca.		Forest Admin Tone 5 530-233-4581			Day Only Hoist Capable, No ALS						
5. Hospitals (all times estimated from incident location)											
Name & Level		GPS Datum – WGS 84 Degrees Decimal Minutes		Travel Time Air Gnd		Phone		Helipad Yes No		Address	
Modoc Medical Center		Lat:	41 28.8		15 Min	45 Min	530-233-7037	XX		288 W. McDowell Alturas, Ca.	
		Long:	120 32.79								
		VHF:	463.125								
Rogue Regional Medical Center		Lat:	42 19.8		50 Min	2.5 Hour	541-789-7132	XX		2825 E. Barnett Rd. Medford, Or.	
		Long:	122 48.91								
		VHF:									
Mercy Medical Center Level 2 Trauma		Lat:	40 34.33		50 Min	2.5 Hour	530-225-7201	XX		2175 Rosaline Ave. Redding, Ca.	
		Long:	122 23.80								
		VHF:	TX/RX 159.285 Tone 5								
U.C. Davis Hospital Level 1 Trauma and Burn Center		Lat:	38 33' 29"		50 Min	3.5 Hour	916-734-3636 Burn Unit 916-734-3790 ER	XX		2315 Stockton Blvd Sacramento, Ca.	
		Long:	121 27' 32"								
		VHF:	TX/RX 155.340								
6. Division / Crew Emergency Pre-Plan								<i>Update and discuss with assigned resources daily.</i>			
Fireline EMT / Medic's Division / Branch Location											
Air Hoist site location site: Lat: / Long: / Elevation:											
Helispot: Lat: / Long: / Elevation:											
7. Remote Aid Stations		Point of Contact:									
		Equipment Available on Site:					Basic Medical Supplies				
		Ambulance ETA :					Air – Ground –				
8. Prepared By (Medical Unit Leader)				9. Date/Time		10. Reviewed By (Safety Officer)				11. Date/Time	
Patrick Young MEDL 				08/17/2018		Frank Pingiczer SOF2				08/17/2018	

ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN

CONTROLLED UNCLASSIFIED INFORMATION//BASIC

1. Incident Name: Stone Fire		2. Date/Time Prepared Date: 08/17/2018 Time: 1830		3. Operational Period: Date To: 08/18/18 Time To: 1800				
4. Communications								
Ch#	Function	Name	Assigned To	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
1	Command	ADM NET	Command	173.7875		162.4875	146.2 (Tn5)	Tone 5
2	Command	FST RPT	Aux CMD	170.7375		164.9875	146.2 (Tn5)	Emergency to MDF Dispatch Tone 5
3	Tactical	NIFC TAC 1	Div C	168.0500	0.0	168.0500	0.0	
4	Tactical	NIFC TAC 2	I/A	168.2000	0.0	168.2000	0.0	
5	Tactical	NIFC TAC 3	Div A	168.6000	0.0	168.6000	0.0	
6	Tactical	NIFC TAC 5	I/A	166.7250	0.0	166.7250	0.0	
7	Tactical	NIFC TAC 6	unassigned	166.7750	0.0	166.7750	0.0	
8	Tactical	NIFC TAC 7	unassigned	168.2500	0.0	168.2500	0.0	
9								
10								
11	Tactical	R 5 TAC 4	Div M	166.5500	0.0	166.5500	0.0	
12	Tactical	R 5 TAC 5	Div Z	167.1125	0.0	167.1125	0.0	
13	A/G Command	A/G CMD	All Divisions	167.0750		167.0750		
14	A/G Tactical	A/G TAC	All Divisions	166.6000		166.6000		
15	MEDICAL	CALCORD	Medical	156.0750	156.7	156.0750	156.7	Medical Emergency Tactical Tone 6
16	EMERGENCY	GUARD	AIR GUARD	168.6250		168.6250	110.9	EMERGENCY USE ONLY
17								
18								
19								
20								
5. Special Instructions								
6. Prepared by (Communications Unit Leader): Name: Don Stoner						Signature: _____		
ICS 205 - CONTROLLED UNCLASSIFIED INFORMATION//BASIC						Date/Time: 08/17/18 1830		

TRAINING SPECIALIST MESSAGE

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

The TNSP Desk location is yet to be determined as the ICP is constructed.

In the interim, you can contact the TNSP at (209-559-1852) for training related questions.

**Frank Davis (T)
Training Specialist**

NorCal 2 Division Fireline Order Form

Date & Time Order was placed	Order # (DIVS + #)	MODE OF DELIVERY	LOCATION OF Delivery
Current Date and Time:		GROUND SUPPORT	DIV, DP, LZ Lat Long
DATE NEEDED:		PICK UP IN SUPPLY	
TIME NEEDED:		HELO	
Order received in COMMUNICATIONS by:	Name:	Time:	
Order Received in SUPPLY by:	Name:	Time:	
Order shipped by Transportation or PU in Supply:	Name:	Time:	

PLEASE ORDER BY ITEM NUMBER

#	Item 1 - IS the following: (i.e. if you need 3000' of hose & appliances, = 3 Hose Kit A's" or 3 item # 1's				
1	'1,000 Foot Hose Lay' and includes:				
	10ro 1½" Hose; 10ro 1" Hose; 10ea 1½" Gated Wyes; 10ea 1½" to 1" reducers; 10ea 1" nozzles				
#	Item	Amount	#	Item	Amount
1	Hose Kit A				
2	Hose (100'), 1½"		28	Fuses (Boxes or Cases?)	
3	Hose (100'), 1"		29	Batteries "AA" PKGs (24/PKG)/BX	
4	Hose (50') garden, ¾"		30	Ribbon, Flagging (Specify Color)	
5	Nozzle, KK Type, 1½"		31	Shovel	
6	Nozzle, KK Type, 1"		32	Pulaski	
7	Nozzle, Forester, 1"		33	Combi Tool	
8	Nozzle, Garden, ¾"		34	McCloud	
9	Wye, Gated, 1½"		35	Washcloth, waterless, cleansing	
10	Wye, Gated, 1"		36	Sprinkler Kit	
11	Wye, Gated, ¾"		37	Mop-Up Kit, 3-Wand	
12	Inline-Tee, (1½" x 1")		38	Chainsaw Kit / {accountability #}	
13	Reducer, 1½"x 1"		39	Water, Cubies	
14	Reducer, 1"x ¾"		40	Water, Bottled, Cases	
15	Shut Off ¾"		41	Gatorade, Cases	
16	Foam 5 gal		42	MRE's (12/BX)	
17	Backpack Pump			ANYTHING NOT LISTED ABOVE:	
18	Pumpkin 1500 / 3000 / 6000 gal order size				
19	Folding-Tank 1000 / 1500 gal order size				
	PUMP KITS				
20	Lightweight / {accountability #}				
21	Mark III / {accountability #}				
22	Fuel Unleaded (5 Gal cans)			ACCOUNTABILITY PROPERTY #'S HERE:	
23	Fuel Drip Torch (5 gal cans)				
24	Fuel Diesel (5 gal cans)				
25	2 Cycle oil (Pints)				
26	Bar Oil (Qts)				
27	Drip Torch (ea)				

SPECIAL NOTES:

NORCAL 2 INCIDENT MANAGEMENT TEAM WATER USAGE LOG

DATE: _____

Division / Group: _____

AGENCY ID / VENDOR: _____

I.e.. Strike Team 1110C, Acme Water Tenders

REQUEST # _____

TURN INTO FINANCE DAILY

WATER SOURCE LOCATION	Hydrant	Open source i.e. pond	Tank	Gallons Used	Property Owner / Contact Number if known **

****Please note if you made contact with property owner and their contact.
(Use reverse side if needed.)
Information: _____**

The intent of this document is intended to track, record and validated the amount of water used on an incident. It's not intended to review the performance of equipment using the water on an incident.

MEDICAL PLAN (ICS 206 WF)

Medical Incident Report					
FOR A NON-EMERGENCY INCIDENT, WORK THROUGH CHAIN OF COMMAND TO REPORT AND TRANSPORT INJURED PERSONNEL AS NECESSARY.					
FOR A MEDICAL EMERGENCY: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.					
Use the following items to communicate situation to communications/dispatch.					
1. CONTACT COMMUNICATIONS / DISPATCH (Verify correct frequency prior to starting report) <i>Ex: "Communications, Div. Alpha. Stand-by for Emergency Traffic."</i>					
2. INCIDENT STATUS: Provide incident summary (including number of patients) and command structure. <i>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."</i>					
Severity of Emergency / Transport Priority	<input type="checkbox"/> RED / PRIORITY 1 Life or limb threatening injury or illness. Evacuation need is IMMEDIATE <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2° – 3° burns more than 4 palm sizes, heat stroke, disoriented.</i> <input type="checkbox"/> YELLOW / PRIORITY 2 Serious Injury or illness. Evacuation may be DELAYED if necessary. <i>Ex: Significant trauma, unable to walk, 2° – 3° burns not more than 1-3 palm sizes.</i> <input type="checkbox"/> GREEN / PRIORITY 3 Minor Injury or illness. Non-Emergency transport <i>Ex: Sprains, strains, minor heat-related illness.</i>				
Nature of Injury or Illness & Mechanism of Injury		Brief Summary of Injury or Illness <i>(Ex: Unconscious, Struck by Falling Tree)</i>			
Transport Request		Air Ambulance / Short Haul/Hoist Ground Ambulance / Other			
Patient Location		Descriptive Location & Lat. / Long. <i>(WGS84)</i>			
Incident Name		Geographic Name + "Medical" <i>(Ex: Trout Meadow Medical)</i>			
On-Scene Incident Commander		Name of on-scene IC of Incident within an Incident <i>(Ex: TFLD Jones)</i>			
Patient Care		Name of Care Provider <i>(Ex: EMT Smith)</i>			
3. INITIAL PATIENT ASSESSMENT: Complete this section for each patient as applicable (start with the most severe patient)					
Patient Assessment: See IRPG PAGE 106					
Treatment:					
4. TRANSPORT PLAN:					
Evacuation Location <i>(if different): (Descriptive Location (drop point, intersection, etc.) or Lat. / Long.)</i> Patient's ETA to Evacuation Location:					
Helispot / Extraction Site Size and Hazards:					
5. ADDITIONAL RESOURCES / EQUIPMENT NEEDS:					
<i>Example: Paramedic/EMT, Crews, Immobilization Devices, AED, Oxygen, Trauma Bag, IV/Fluid(s), Splints, Rope rescue, Wheeled litter, HAZMAT, Extrication</i>					
6. COMMUNICATIONS: Identify State Air/Ground EMS Frequencies and Hospital Contacts as applicable					
Function	Channel Name/Number	Receive (RX)	Tone/NAC *	Transmit (TX)	Tone/NAC *
COMMAND					
AIR-TO-GRND					
TACTICAL					
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. Be Alert. Keep Calm. Think Clearly. Act Decisively.					

UNIT LOG (ICS 214)

1. Incident Name: Stone Fire	2. Operational Period: Date From: 8/18/18 Date To: 8/18/18 Time From: 0600 Time To: 1800
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3. Unit Name/Designators	4. Unit Leader (Name and ICS Position)
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5. Personnel Assigned/Designators		
NAME	ICS POSITION	HOME BASE

6. Activity Log (Continue on Reverse)

TIME	MAJOR EVENTS

7. Prepared By: _____ Date/Time: _____