

Incident Action Plan

Beaver Fire

CA-KNF-005497

P5H93T (0505)



Day SHIFT

08/02/14

0600 - 1800

INCIDENT OBJECTIVES	1. Incident Name Beaver	2. Date 8/1/2014	3. Time 22:26
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4. Operational Period
08/02/2014 0600 - 1800

5. General Control Objectives for the Incident (include alternatives)

MANAGEMENT OBJECTIVES

- Ensure firefighter and public safety in all incident activities. Adhere to all safety standards and implement appropriate risk analysis
- Protect values at risk to include watershed, Late Successional Reserve, cultural resources, private timber lands and recreation sites
- Coordinate with Forest to maintain timely and accurate communications with communities, county officials and stakeholders.
- Effectively manage incident costs by planning strategies and tactics toward a high probability of success.

OPERATIONAL OBJECTIVES

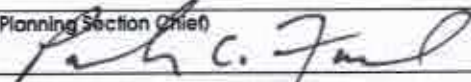
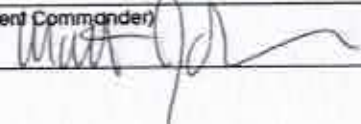
- Keep the fire:
 - North of Highway 96
 - East of Deer Camp Meadows
 - West of Lumgrey Creek Drainage
 - South of Beaver / Dead Cow Creek Canyon

6. Weather Forecast for Period
See attached forecast

7. General Safety Message
See attached safety message

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"/> Safety Message
<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input type="checkbox"/> Traffic Plan	<input type="checkbox"/> LCES Worksheet

9. Prepared by (Planning Section Chief) Pat Farrell 	10. Approved by (Incident Commander) Matt Johnson 
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ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name: Beaver		2. Operational Period: Date From 8/02/14 Time From 0600 Time To 1800	
3. Incident Commander(s) and Command Staff:		7. Operations Section:	
IC/UCs	Matt Johnson	Day Ops Chief	Daren Dalrymple/Eric Petterson (t)
		Night Ops Chief	Dan George
		Planning Ops	Dale Shippelhoue
Deputy	Joe Molhoek		
Safety Officer	Steve Davis		
4. Agency/Organization Representatives:		Branch	
Agency/Organization	Name	Division/Group	A Heather McRae
Agency Administrator	Patty Grantham	Division/Group	G Ken Larson
Agency Admin Rep.	Lance Noxon	Division/Group	L TBD
Fruitgrowers Timber	Terry Salvestro	Division/Group	P Steve Raymer
Timer Products	Chris Chase	Division/Group	STRUCTURE Tom Browning
OES	Ron Quigley	Division/Group	
		Branch	
		Branch Director	
		Deputy	
		Division/Group	
		Division/Group	
5. Planning Section:		Division/Group	
Chief	Patrick Farrell	Division/Group	
Deputy	Jeff Buscher	Division/Group	
Resources Unit	John Owen / Duane Miller	Division/Group	
Situation Unit	Matt Brown		
Documentation Unit		Branch	
Demobilization Unit	Dean Lutz	Branch Director	
Technical Specialists	Brad Smith	Deputy	
Computer Tech Spec	Shane Neal	Division/Group	
GISS	Melanie Kerr	Division/Group	
		Division/Group	
		Division/Group	
		Division/Group	
6. Logistics Section:		Air Operations Branch	
Chief	Jack Costello	Air Ops Branch Dir.	Dennis Kuster
Deputy	Aaron Lowe	Air Supt / Tach	Staci Dickson
Support Branch		ATGS	Jason Withrow
Director			
Supply Unit	Tracey Valentine		
Facilities Unit	Ric Crowther	8. Finance/Administration Section:	
Ground Support Unit	John Fell	Chief	Beth Lopez
Service Branch		Deputy	Richard Anderson
Director		Time Unit	Penny Portlock / Juanita Cortez
Communications Unit	Don Stoner	Procurement Unit	
Medical Unit	Patrick Young	Comp/Claims Unit	Tina Kennedy
Food Unit	Kevin Browning	Cost Unit	Sam Rapphahn
9. Prepared by: Name: Roberta Lim		Position/Title: RESL (t)	
ICS 203		<i>Roberta Lim</i>	
IAP Page		Date/Time: 08/01/14 2130	
		Signature	

Spot Forecast for Beaver Fire
National Weather Service Medford
748 PM PDT Fri Aug 1 2014

IF CONDITIONS BECOME UNREPRESENTATIVE,
CONTACT THE NATIONAL WEATHER SERVICE.

SPOT FORECAST FOR BEAVER...USFS
NATIONAL WEATHER SERVICE MEDFORD OR
748 PM PDT FRI AUG 1 2014

FORECAST IS BASED ON REQUEST TIME OF 1642 PDT ON AUGUST 01.
IF CONDITIONS BECOME UNREPRESENTATIVE...CONTACT THE NATIONAL WEATHER
SERVICE.

.DISCUSSION...

THERE IS A LINGERING MODERATE AMOUNT OF MOISTURE THIS EVENING THAT
WILL
TREND GRADUALLY AND SLIGHTLY HIGHER SATURDAY INTO SUNDAY. AS A
RESULT,
THERE IS A SLIGHT CHANCE OF THUNDERSTORMS SATURDAY AFTERNOON AND A
SLIGHTLY HIGHER PROBABILITY...STILL A SLIGHT CHANCE ON SUNDAY
AFTERNOON.
OTHERWISE, THERE WILL BE LITTLE CHANGE IN THE PATTERN WITH HOT AND
DRY CONDITIONS THROUGH THE WEEKEND.

.SATURDAY...

SKY/WEATHER.....SUNNY IN THE MORNING THEN BECOMING PARTLY
CLOUDY. A SLIGHT CHANCE OF AFTERNOON
THUNDERSTORMS.
MAX TEMPERATURE.....AROUND 94.
MIN HUMIDITY.....13 PERCENT.
EYE LEVEL WINDS.....UPSLOPE WINDS 1 TO 3 MPH THEN WEST
2 TO 5 MPH IN THE AFTERNOON.
MIXING HEIGHT.....500 FT AGL INCREASING TO 7000 FT AGL.
MIXING WINDS.....SOUTHEAST AROUND 5 MPH EARLY THEN
NORTHWEST 10 MPH.
CWR.....10 PERCENT.
LAL.....2.
WIND (20 FT).....UPSLOPE 2 TO 5 MPH BECOMING WEST 5 TO 10 MPH
IN THE AFTERNOON...EXCEPT GUSTY AND ERRATIC WINDS
EXPECTED NEAR ANY THUNDERSTORMS IN THE AFTERNOON.

.SATURDAY NIGHT...

SKY/WEATHER.....PARTLY CLOUDY WITH A SLIGHT CHANCE OF EVENING
THUNDERSTORMS THEN BECOMING MOSTLY CLEAR.
MIN TEMPERATURE.....AROUND 63.
MAX HUMIDITY.....48 PERCENT.
EYE LEVEL WINDS.....NORTHWEST WINDS 2 TO 5 MPH IN THE EVENING
BECOMING DOWNSLOPE 0 TO 2 MPH.
MIXING HEIGHT.....6500 FT AGL DECREASING TO 500 FT AGL.
MIXING WINDS.....NORTH AROUND 10 MPH BECOMING NORTHEAST 5 MPH.
CWR.....10 PERCENT.
LAL.....2.
WIND (20 FT).....NORTHWEST WINDS 5 TO 10 MPH WITH GUSTS TO AROUND
15 MPH IN THE EVENING BECOMING DOWNSLOPE 2 TO 5
MPH
...EXCEPT GUSTY AND ERRATIC WINDS EXPECTED
NEAR ANY THUNDERSTORMS IN THE EVENING.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 1	TYPE OF FIRE: Wildland Fire
FIRE NAMES: Beaver	OPERATIONAL PERIOD: 0600 – 1800, August 2, 2014
DATE ISSUED: August 1, 2014	TIME ISSUED: 2000
UNIT: Klamath NF	SIGNED: /s/ Brian Ebert, FBAN(t)

INPUTS

WEATHER SUMMARY: ***See attached Spot Weather Forecast***

Discussion:

Hot and dry conditions continue today with the chance of thunderstorms this afternoon.

Weather: Sunny in the morning becoming partly cloudy with a slight chance of thunderstorms in the afternoon.

Max Temp: 94°

Min RH: 13%

Winds (eye-level): Upslope winds 1 to 3 mph in the morning becoming west 2 to 5 mph in the Afternoon.
Ridge winds up to 10 mph in the afternoon.
Gusty and Erratic winds can be expected near any thunderstorm development.

FIRE BEHAVIOR

GENERAL

Fire has been excluded within the fire area for the past 60 years. Long-term drought has led to a cumulative effect on current fuel conditions leading to critical dry levels and conditions that are approximately 6 weeks ahead of a "normal" fire season. 1000 hour fuel moistures < 8%; Live Fuel Moisture < 100%. Fuels in combination with terrain may create erratic fire behavior as slope winds battle with the ridge top NW wind directions. Fire activity in the vicinity of Division A and P increased at approximately 1730 hours; upslope winds occurred from the Beaver Creek Drainage along with gusty downslope winds off the ridge which caused the fire to begin to move actively toward the 47N40 x 47N44 Road. Group torching and spotting up to 800 feet were observed downslope of the main fire.

SPECIFIC FIRE BEHAVIOR

Expect the inversion layer began to break up at approximately 1000 hours; anticipate the East flank of the Beaver Fire to continue to spread east toward the Cleghorn Fire. Surface flame lengths up to 10 feet can be expected; the presence of timber fuels with shrub and small trees in the understory along with continuous and uniform fuels will promote single and group torching early in the burn period leading to the potential for short runs to occur; where crown fire activity occurs, expect flame lengths > 75 feet. Take caution where winds and drainages align. Probability of Ignition at 90% today with potential spot distances up to 1/3 mile.

AIR OPERATIONS

Gusty winds have been observed on the fire as upslope drainage winds battle with ridgetop NW winds. Be heads up for thunderstorm development in the vicinity of the fire area which could cause strong down drafts and outflow winds. Inversion layer occurred over the fire area yesterday beginning to break late early in the morning by 1000 hours. With the transport winds NW, expect good opportunities on the North and West side of the fire.

Sunrise: 0605

Sunset: 20:29

SAFETY

- Extremely hot and dry conditions are leading to extreme fire behavior potential along with high resistance to control and increased availability for spot fires to ignite.
- Evaluate safety zones and escape routes and continue to evaluate as weather and fire behavior conditions change throughout the shift.

Fuels and Fire Behavior Advisory

Northern California

July 23, 2014



Subject: Long term drought conditions along with hot and dry weather have led to very low live and dead fuel moistures. Weather and fuels conditions are contributing to active to extreme fire behavior and above normal large fire potential for Northern California.

Discussion: The extremely dry and warm conditions of April, May and June combined with the extreme to exceptional drought conditions have led to low live and dead fuel moistures. Lack of winter snow cover exposed much of the upper elevation fuels to drying conditions weeks and even months sooner than normal. Grasses have fully cured across low and middle elevations and have begun curing at upper elevations.

Difference from normal conditions: Live and dead fuel moistures are approximately 6 weeks ahead of normal and typical of mid-August. Extreme to exceptional drought, the highest levels on the Drought Monitor system now cover nearly the entire North state. Live fuel moistures never reached typical seasonal maximums and are rapidly moving toward critical levels. All timelag classes of dead fuels are at moisture levels that allow for easy ignition and rapid spread.

Concerns to Firefighters:

- **Expect fires to ignite easier and spread faster due to low live and dead fuel moistures.** Recent fires have shown almost complete consumption of large dead fuels. **Expect higher probability of ignition and increased spotting** due to increased amount of receptive and available surface and aerial fuels.
- Energy Release Component (ERC) is a good indicator of seasonal drying trends. **Current ERC values are reaching maximum seasonal values or setting record highs** for all Predictive Service Areas (PSA) with the exception of the North Coast PSA. **Anticipate increased spread rates and active night time burning.**
- Anticipate higher resistance to control in all fuel types. **When critical fire weather conditions exist expect active to extreme fire behavior.**

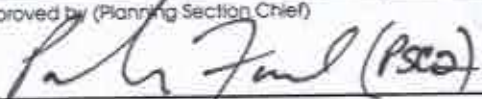
Mitigation Measures:

- Firefighters should acknowledge and prepare for fire growth and fire behavior that may exceed anything they have experienced before due to the extreme drought. **Normal strategies and tactics may need to be adjusted to account for the drought factor.** Suppression actions need to be based on good anchor points, lookouts, communications, escape routes, and safety zones.
- Local and incoming fire personnel need to be aware that fire behavior is exceeding normal expectations for this time of the year. **Local briefings need to highlight specific fire environment conditions including local weather forecasts, Pocket Cards, ERC's, live and dead fuel moistures, and special fuel conditions such as mortality, Sudden Oak Death and frost killed brush, etc.**
- Base all actions on current and expected behavior of the fire. **Augment initial attack resources as incident activity dictates.**
- Review the most current Northern California 7-day Significant Fire Potential along with Daily, Monthly and Seasonal Outlooks at: [Predictive Services Outlooks & Fire Potential](#)

Area of Concern: The area of concern is Northern California exception of North Coast PSA. A map showing the areas of concern described in this advisory can be found at: [National Fuels & Fire Behavior Advisories](#)

DIVISION ASSIGNMENT LIST		1. Branch	2. Division/Group A				
3. Incident Name Beaver		4. Operational Period DAY OPERATIONS Date: 08/02/2014 Time: 0600-1800					
5. Operations Personnel							
Operations Chief	Daren Dalrymple / Eric Petterson (t)		Division/Group Supervisor	Heather McRae			
Branch Director			Air Attack Supervisor	Dennis Kuster			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time	
HC KNF Fire Use Crew 7					TBD / 0700	1800	
ENG3 MNF 353					TBD / 0700	1800	
ENG3 Hart Ventures Inc.					TBD / 0700	1800	
WT2 E-1					TBD / 0700	1800	
WT2 Thomas White E-2					TBD / 0700	1800	
SOFR2	Charles Frank				TBD / 0700	1800	
7. Control Operations <ul style="list-style-type: none"> Hold and improve direct containment lines. Initiate mop up where feasible. 							
8. Special Instructions <ul style="list-style-type: none"> 							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 168.1750 TX 171.5250		CH1 Tone 1 (110.9) Mase Mt. CH2 Tone 10 (107.2) Collin Baldy				
Tactical 4 Division/Group	RX 166.5500 TX 166.5500		6 Tone 4	Air to Ground	RX 169.0875 TX 169.0875		9
Prepared by (Resource Unit Leader) Roberta Lim (t)		Approved by (Planning Section Chief) <i>Rah Faul</i> PSC2			Date 8/1/2014	Time 23:58	

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group G		
3. Incident Name Beaver			4. Operational Period Date: 8/02/14		DAY OPERATIONS Time: 0600-1800		
5. Operations Personnel							
Operations Chief		Daren Dalrymple / Eric Petterson (f)		Division/Group Supervisor		Ken Larson	
Branch Director				Air Attack Supervisor		Dennis Kuster	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader	Last Shift	Number Persons	Trans. Needed	Drop Off Pt./Time	Pick Up Pt./Time	
HC21A Lost River					TBD / 0700	1800	
ENG3 Crazy Mt. Fire					TBD / 0700	1800	
DOZ2 KNF					TBD / 0700	1800	
WT2 778					TBD / 0700	1800	
READ	Erin Rintz				TBD / 0700	1800	
FAL	Walter Moody				TBD / 0700	1800	
7. Control Operations							
<ul style="list-style-type: none"> Hold and improve existing containment lines and continue new line construction. 							
8. Special Instructions							
<ul style="list-style-type: none"> 							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 168.1750 TX 171.5250		CH1 Tone 1 (110.9) Mase Mt. CH2 Tone 10 (107.2) Collin Baldy				
Tactical 4 Division/Group	RX 166.5500 TX 166.5500		6 Tone 4	Air to Ground	RX 169.0875 TX 169.0875		9
Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)			Date	Time
Roberta Lim (f)			<i>Patricia Ford (PSC2)</i>			8/1/2014	23:59

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group L			
3. Incident Name Beaver		4. Operational Period Date: 08/02/14		DAY OPERATIONS Time: 0600-1800			
5. Operations Personnel							
Operations Chief		Division/Group Supervisor					
Branch Director		Air Attack Supervisor					
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader	Last Shift	Number Persons	Trans. Needed	Drop Off PT./Time	Pick Up PT./Time
UNSTAFFED							
7. Control Operations							
•							
8. Special Instructions							
•							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command							
Tactical Division/Group				Air to Ground			
Prepared by (Resource Unit Leader) Roberta Lim (t)			Approved by (Planning Section Chief) 			Date 8/2/2014	Time 00:00

DIVISION ASSIGNMENT LIST	1. Branch	2. Division/Group P
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3. Incident Name Beaver	4. Operational Period DAY OPERATIONS Date: 8/02/14 Time: 0600-1800	
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5. Operations Personnel

Operations Chief	Daren Dalrymple / Eric Petterson (t)	Division/Group Supervisor	Steve Raymer
Branch Director		Air Attack Supervisor	Dennis Kuster

6. Resources Assigned this Period

Strike Team/Task Force/ Resource Designator	Leader	Last Shift	Number Persons	Trans. Needed	Drop Off Pt./Time	Pick Up Pt./Time
HC1 Little Tujunga IHC					TBD / 0700	1800

7. Control Operations

- Scout and initiate control line where feasible.

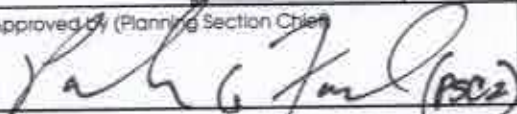
8. Special Instructions

-

9. Division/Group Communication Summary

Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	RX 168.1750 TX 171.5250		CH1 Tone 1 (110.9) Mase Mt. CH2 Tone 10 (107.2) Collin Baldy				
Tactical 5 Division/Group	RX 167.1125 TX 167.1125		CH7 TONE 4	Air to Ground	RX 169.0875 TX 169.0875		9

Prepared by (Resource Unit Leader) Roberta Lim (t)	Approved by (Planning Section Chief) <i>Robert J. Jul FSC2</i>	Date 8/2/2014	Time 00:00
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DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group STRUCTURE GROUP			
3. Incident Name Beaver			4. Operational Period Date: 8/02/14		DAY OPERATIONS Time: 0600-1800			
5. Operations Personnel								
Operations Chief		Daren Dalrymple / Eric Petterson (f)		Division/Group Supervisor		Tom Browning		
Branch Director				Air Attack Supervisor		Dennis Kuster		
6. Resources Assigned this Period								
Strike Team/Task Force/ Resource Designator		Leader		Last Shift	Number Persons	Trans. Needed	Drop Off Pt./Time	Pick Up Pt./Time
HC2IA Arden Solutions Inc.							TBD / 0700	1800
ENG6 8868							TBD / 0700	1800
ENG3 Quick Response Fire							TBD / 0700	1800
WT2 Caddlelack Ranch							TBD / 0700	1800
WT2 Yreka Outlands							TBD / 0700	1800
7. Control Operations: <ul style="list-style-type: none"> Provide structure protection. 								
8. Special Instructions <ul style="list-style-type: none"> 								
9. Division/Group Communication Summary								
Function	Frequency	System	Channel	Function	Frequency	System	Channel	
Command	RX 168.1750 TX 171.5250		CH1 Tone 1 (110.9) Mase Mt. CH2 Tone 10 (107.2) Collin Baldy					
Tactical 3 Division/Group	RX 168.6000 TX 168.6000		CH5 Tone 4	Air to Ground	RX 169.0875 TX 169.0875		9	
Prepared by (Resource Unit Leader) Roberta Lim (f)			Approved by (Planning Section Chief) 			Date 8/2/2014	Time 00:01	

INCIDENT SAFETY ANALYSIS 215a

Beaver Incident KNF-005497 - 8/2/14 Day Shift

8. Location	9. Hazard	6. Control or Abatement Action (Engineering, Administrative, PPE, Avoidance, Education, etc)
ALL DIVS	Dry Fuel Conditions	<ul style="list-style-type: none"> • Establish and maintain LCES • Anticipate intense burning and rapid rates of spread • Watch for spot fires • Allow for adequate escape times based on burning conditions.
ALL DIVS	Spot Fires	<ul style="list-style-type: none"> • Size up prior to engagement. • Watch for multiple spot fires. • Ensure LCES is in place. • Maintain situational awareness at all times.
ALL DIVS	Hazard Trees	<ul style="list-style-type: none"> • Follow "Hazard Tree Safety" guidelines, IRPG pages 20 & 21 • 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 DIVS	Driving & Traffic	<ul style="list-style-type: none"> • Practice "Defensive Driving" techniques traveling on all roads. mitigation strategy includes: <ul style="list-style-type: none"> ~ Use spotters when backing ~ Honk horn to alert personnel when backing ~ Always use headlights ~ Use warning lights when traveling in smoke. ~ Observe posted speed limits ~ Follow 3 second rule of following distance when driving ~ Use chock blocks, turn wheels into hill
ALL DIVS	Air Operations	<ul style="list-style-type: none"> • Follow "Aviation Watch-Out Situations" on page 52, IRPG • Don't plan on air resources for medical transport or resupply. • Refer to page 65, IRPG for directing bucket drops. • Ensure positive communication with all air resources
DIV G	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
ALL DIVS	Severe Weather	<ul style="list-style-type: none"> • Review and follow Thunderstorm Safety guidelines in IRPG page 19 • Observe 30/30 Rule for lightning safety.....page 19, IRPG • Establish "Trigger Points" to withdraw, and ensure all know rally site • Use "Risk Management" process to determine retreat criteria and actions
ALL DIVS	Heat Related Illness (HRI) & Dehydration	<ul style="list-style-type: none"> • Drink 2 to 1 water to sports drinks. • Carry extra water on line and cache water at drop points • Take frequent breaks, minimum of 10 minutes every hour • Recognize symptoms of HEAT RELATED ILLNESS which include <ul style="list-style-type: none"> o Lack of energy o Headaches, dizziness o Lack of rest o No hunger, poor eating habits o Hot skin, and lack of sweating
ALL DIVS	Fatigue & Overexertion	<ul style="list-style-type: none"> • Drink 1 quart of water each hour during and after work • Rotate crews out of smoky areas • Set a reasonable work pace and allow adequate rest breaks while on the project • Stagger work crews start time to limit fatigue • Use buddy system to monitor personnel of heat related and fatigue issues • Follow work / rest guidelines
ALL DIVS	Environmental Hazards	<ul style="list-style-type: none"> • Be alert for Rattlesnakes, watch footing and hand placement around rocks. • Check yourself for ticks. Watch for biting and stinging insects • Be alert for bears, cougars and other wildlife. • Be aware of poison oak, seek treatment at medical if exposed.
ALL DIVS	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 DIVS	Marijuana Plantations	<ul style="list-style-type: none"> • Maintain situational awareness. • Watch for open areas and sign of improvements or irrigation systems. • Be aware of evidence that cultivation has occurred in the area • If you stumble upon an area with probable cultivation be extremely cautious, exit on the same route you arrived and notify supervisor immediately.

Lookouts
Communications
Escape Routes
Safety Zones

Beaver Incident

Operation Period: 08/02/2014 Day Shift

SAFETY MESSAGE

FIRST DAY ON THE FIRE, WHAT YOU NEED TO KNOW!

- Who is your supervisor and what is the plan.
- Brief your personnel on all of the important information in the IAP.
- Gather Situation Awareness in your area of work.
- Get oriented to roads, landmarks, compass direction and the map.
- Ensure you have effective communications, proper frequencies.
- Ensure the tactical, safety and communication plans are known.

MAJOR HAZARDS AND RISKS

STEEP TERRAIN FATIGUE SPOT FIRES	ROLLING MATERIAL DEHYDRATION DRIVING HAZARDS	HEAVY EQUIPMENT HAZARD TREES POISON OAK
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Be sure all elements of your safety plan are in place prior to engagement

Driving Responsibilities

Ensure all personnel use seatbelts at all times.
Drive Defensively!
Keep headlights on at all times.
Use wheel chocks.
Use a back up person when necessary.
Reduce speed when visibility is poor.
Reduce speed in populated area's and at incident base.
Use caution on narrow one lane roads.

Hazard Tree Safety

Inspect area for hazard trees before starting work. Are there trees that have been falling, leaning, hung up, or have broken tops? Are there high risk species? How long has the fire been burning in the area?
Identify hazards and fell or avoid the hazard and flag.
Take down hazard trees only with qualified sawyers and then only if necessary.

INCIDENT RADIO COMMUNICATIONS PLAN

1. Incident Name: Beaver
 2. Date/Time Prepared: 8/01/2014 2130
 3. Operational Period Date/Time: 08/02/2014 0600 - 1800

4. Basic Radio Channel Utilization
 Mode: W=Wideband Analog, N=Narrowband Analog, D=Digital, M=Mixed

Channel	Function	RX	Frequency	Tone	Mode	Assignment	Remarks
1	BLACK T1	RX TX	168.1750 171.5250	1.0	N	CMD	Tone 1 (110.9) Mase Mt
2	BLACK T10	RX TX	168.1750 171.5250	10.0	N	CMD	Tone 10 (107.2) Collin Baldy
3	NIFC TAC 1	RX TX	168.0500 168.0500	4.0	N		Tone 4 (136.5)
4	NIFC TAC 2	RX TX	168.2000 168.2000		N	I / A	
5	NIFC TAC 3	RX TX	168.6000 168.6000	4.0	N	Structure Group	Tone 4 (136.5)
6	R5 TAC 4	RX TX	166.5500 166.5500	4.0	N	DIVs A / G	Tone 4 (136.5)
7	R5 TAC 5	RX TX	167.1125 167.1125	4.0	N	DIVs L / P	Tone 4 (136.5)
8	CH 8	RX TX			N		
9	A/G	RX TX	169.0875 169.0875		N	All DIVs	Air to Ground
10	NIFC C4	RX TX	166.6125 168.4000	4.0	N	unassigned	Tone 4 (136.5)
11	NIFC C11	RX TX	166.5750 170.6875	4.0	N	unassigned	Tone 4 (136.5)
12	CAMP	RX TX	168.3500 168.3500		N		
13	CH 13	RX TX			N		
14	CH 14	RX TX			N		
15	CALCORD	RX TX	156.0750 156.0750	6.0	N	Medical	Tone 6 (156.7)
16	AirGuard	RX TX	168.6250 168.6250	1.0	N	EMERGENCY	Tone 1 (110.9)

5. Prepared by (Communications Unit)
 D Stoner

MEDICAL PLAN (ICS 206 WF)

1. Incident Name: BEAVER FIRE		2. Operational Period:		Date From: 08/02/14	Date To: 08/02/14				
				Time From: 0600	Time To: 1800				
3. Ambulance Services:									
Name	Complete Address	Phone / Frequency	Advanced Life Support (ALS)						
			YES	NO					
Medical Unit	ICP	530-400-0880	XX						
4. Air Ambulance Services:									
Name	Phone	Type of Aircraft & Capability							
Mercy Flights	530-842-3513	Daylight Only							
REACH Helicopter	530-842-3515	Daylight Only							
PHI Redding	530-842-3515	Daylight Only							
C.H.P.	530-841-6008	Day and Night Operations – Hoist Capable							
5. Hospitals:									
Name Complete Address	GPS Datum – WGS 84 Coordinate Standard Degrees Decimal Minutes DD° MM.MMM° N – Lat DD° MM.MMM° N – Long		Travel Time		Phone	Helipad		Level of Care Facility	
	Lat:	Long:	Air	Grd		Yes	No		
Fairchild Medical Center 444 Bruce St Yreka, Ca. 96097	Lat:	41 43.198	15 min	30 Min	ER: 530-841-6292	XX		Level 4 Trauma	
	Long:	122 38.76							
	VHF:								
Mercy Medical Center Mt. Shasta 914 Pine St. Mt. Shasta, Ca. 96067	Lat:	41 15.48	45 Min	1 Hour	530-926-6111	XX		Level 3 Trauma	
	Long:	122 16.15							
	VHF:								
Rogue Valley Medical Center 2825 Barnett Rd Medford, Or. 97504	Lat:	42 19.08	15 Min	55 Min	ER: 541-789-7100	XX		Level 3 Trauma	
	Long:	122 49.91							
	VHF:								
U.C. Davis Medical Center 2315 Stockton Blvd. Sacramento, Ca	Lat:	38 33.14	1 Hour 45 Min	4 Hour 45 Min	916-734-2011	XX		Level 1 Trauma Burn Center	
	Long:	121 27.26							
	VHF:								
ICS 206 WF		IAP Page							

8. Prepared by: (Medical Unit Leader)	9. Date / Time	10. Prepared by: (Safety Officer)	11. Date / Time
Patrick Young MEDL (T)	08/01/2014 @2000	Steve Davis SOF 2	08/01/2014 2200
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Medical Incident Report

FOR ALL MEDICAL EMERGENCIES: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.

Use items one through nine to communicate situation to communications/dispatch.

1. CONTACT COMMUNICATIONS/DISPATCH

Ex: "Communications, Div. Alpha, Stand-by for Priority Medical Incident Report." (If life threatening request designated frequency be cleared for emergency traffic.)

2. INCIDENT STATUS: Provide incident summary and command structure.

Nature of Injury/Illness		<i>Describe the Injury (Ex: Broken leg with bleeding)</i>
Incident Name		<i>Geographic Name + "Medical" (Ex: Trout Meadow Medical)</i>
Incident Commander		<i>Name of IC</i>
Patient Care		<i>Name of Care Provider (Ex: EMT Smith)</i>

3. INITIAL PATIENT ASSESSMENT: Complete this section for each patient. This is only a brief, initial assessment. Provide additional patient info after completing this 9 Line Report.

Number of Patients:	Male / Female	Age:	Weight:
Conscious? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVACI			
Breathing? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVACI			
Mechanism of injury: <i>What caused the injury?</i>			
Lat/Long (Datum WGS84) <i>Ex: N 40° 42.45' x W 123° 03.24'</i>			

4. SEVERITY OF EMERGENCY, TRANSPORT PRIORITY

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.

5. TRANSPORT PLAN:

Air Transport: (Agency Aircraft Preferred)

<input type="checkbox"/> Helipod	<input type="checkbox"/> Short-haul/Hoist	<input type="checkbox"/> Life Flight	<input type="checkbox"/> Other
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Ground Transport:

<input type="checkbox"/> Self-Extract	<input type="checkbox"/> Carry-Out	<input type="checkbox"/> Ambulance	<input type="checkbox"/> Other
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6. ADDITIONAL RESOURCE/EQUIPMENT NEEDS:

<input type="checkbox"/> Paramedic/EMT(s)	<input type="checkbox"/> Crew(s)	<input type="checkbox"/> SKED/Backboard/C-Collar
<input type="checkbox"/> Burn Sheet(s)	<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)		

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

REMEMBER: Confirm ETA's of resources ordered
Act according to your level of training
Be Alert. Keep Calm. Think Clearly. Act Decisively.

AIR OPERATIONS SUMMARY

Prepared By: Dennis Kuster

Prepared Date: 8/1/2014

Prepared Time: 21:30

1. INCIDENT NAME: Beaver	2. OPS PERIOD DATE: 8/2/2014	START TIME: 0800	END TIME: 2100	SUNRISE: 0625	SUNSET: 2020
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3. REMARKS (Safety Notes, Hazards, Air Operations, Special Equipment, etc.):
Watch for wires in river canyon.
Beware of rapidly changing VFR conditions due to smoke.

4. READY ALERT AIRCRAFT
MEDEVAC-
I.A. -

5. TFR #: 4/7987
Altitude: 10,000' MSL
Radius: 5 nm
Frequency: 118.300
Center Pt. 41 55.29 122 52.47

6. PERSONNEL	NAME	PHONE #	7. FREQUENCIES	AM	FM	8. FIXED-WING- Type/ Make-Model/ N#/ Base
AOBD	Dennis Kuster	209.352-0855	AIR/ AIR FW	118.300		AIRTANKERS - Order as needed
ASGS	Staci Dickson	530-277-5153	AIR/ AIR RW			LEAD PLANES- Order as needed
ATGS	Jason Withrow	530-206-8955	AIR/ AIR RW- FF		167.150	AA shared with KNF
ATGS (T)			AIR/ GROUND		169.0875	
ATGS ATGS(T)			COMMAND			
HEB1						
HEB1 (T)			DECK		163.100	
Helibase			TOLC		163.100	
Air Ops Desk			AERIAL FIRING			OTHER FW AIRCRAFT-

9. HELICOPTERS (Use Additional Sheets as Necessary)

FAA N#	T	MAKE/ MODEL	BASE	AVAIL	START	REMARKS	FAA N#	T	MAKE/ MODEL	BASE	AVAIL	START	REMARKS
	Y												

10. TASK/ MISSION/ ASSIGNMENT (Type/ function includes: Air Tactical, Retardant, Recon, Personnel Transport, Bucket Operations, SAR, etc.)

TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (if applicable) or instructions for tactical aircraft	MISSION START	FLY FROM	FLY TO
Water Dropping		As Needed		
Recon		As Needed		
Cargo		As Needed		