

ANNIE FIRE

Incident Action Plan

August 21, 2011

0600-2000

Terrain and Travel Time Create an EMS Challenge

- Review the Medical Plan and Communications Protocol
- Use CALCORD to Coordinate Ground and Air Ambulance

Mop-up and Patrol

- Watch for Fatigue and Complacency
 - Take a break and refocus on the task
- Use proper body mechanics to avoid injury
- Maintain LCES, be aware of light flashy fuels and any wind that may effect fire behavior

Hydration

- With the heat and low RH maintaining proper hydration is difficult yet VERY important
- Consider drinking water and sports drink at a 2:1 ratio

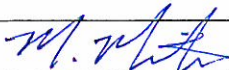
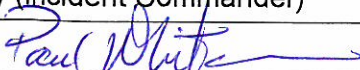
Chance of Lightning

Review NWCG Lightning Safety paper in IAP

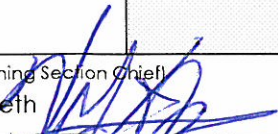
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BLM Northern California District

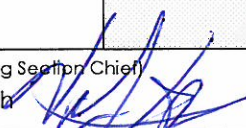
Northern California Incident Management Team 1

INCIDENT OBJECTIVES	1. Incident Name	2. Date Prepared	3. Time Prepared		
ICS 202	Annie Incident	08/20/2011	1400		
4. Operational Period					
08/21/11 Day Shift 0600 - 2000					
5. General Control Objectives for the Incident (include alternatives)					
<p>Management Objectives</p> <ol style="list-style-type: none"> 1. Minimize fire size and cost while prioritizing firefighter and public safety. 2. Minimize helicopter bucket dipping in fish bearing bodies of water. Utilize screens on drafting lines. 3. Utilize weed washing measures for all vehicles exiting the fire area to avoid spread of unwanted species. 4. Provide support to initial attack functions within the TFR boundary. 5. Conduct emergency suppression damage repair work as prescribed in the approved plan. <p>Control Objectives</p> <ol style="list-style-type: none"> 1. Keep fire within the established perimeter. 					
6. Weather Forecast for Period					
See attached spot weather forecast					
7. General Safety Message					
8. Attachments					
x	Organization List-ICS 203	x	Air Ops Plan ICS-220	x	Fire Weather Forecast
x	Division Assignment List-ICS 204	x	Incident Map	x	Fire Behavior Forecast
x	Communications Plan-ICS 205		Traffic Plan		Unit Log ICS-214
x	Medical Plan-ICS 206	x	Safety Message		Vicinity Map
9. Prepared by			10. Approved by (Incident Commander)		
Mike Minton 			Paul Whitcome 		

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. Incident Name Annie Incident		Operations Day	Steve Burns/ Dave Pereira(T)
2. Date August 20, 2011	3. Time 1400	Planning OPS	Alec Lane/Robin Wills
4. Operational Period August 21, 2011 0600 - 2000		a. Branch 1 - Division/Groups	
Position	Name	Branch Director	
5. Incident Commander and Staff		DAY	
Incident Commander	Paul Whitcome / Pete Duncan (T)	Division/Group A	Mark Vardanega/ Randy Jennings Kipp Morrill (T)
Deputy	Mike Minton	Division/Group B	Paul Johnson/Jesse Knox (T)
Safety Officer	Rich Rubin /Michele Tanzi /Dave Kirste Jeff Barnhart	Division/Group C	RicoGonzales/Chris Stevens Rob Brown (T)
Information Officer	Yvonne Jones /Jim Mackensen	Division/Group	
Liaison Officer		Division/Group	
6. Agency Representative		b. Branch 2 - Division/Groups	
Agency Admin	Allen Bollschweiler/Kimberly Anderson	Branch Director	
Agency Admin Rep	Ray Torres	NIGHT	
Resource Advisor	Julie Rodman	Division/Group A	
Cal Fire Rep	Jeff Young / Scott Packwood	Division/Group B	
7. Planning Section		Division/Group C	
Chief	Valery Lambeth / Lance Noxon (T)	Division/Group D	
Deputy	Dave Sinclear	Division/Group Y	
Resources Unit	Lou Ann Charbonnier/ Gary Deboi	Division/Group Z	
Situation Unit	Chris Wikeen / Walter Herzog (T)	c. Branch III - Division/Groups	
Documentation Unit	Lou Ann Charbonnier	Branch Director	
Demobilization Unit	Gary Deboi	Deputy	
Technical Specialists		Division/Group	
Human Resources		Division/Group	
Training	Dominic Panno	Division/Group	
CTSP	George Steel	d. Air Operations Branch	
GIS	Kyle Felker / Matt Dickinson	Air Operations Branch Director	Curtis Coots
FBAN	Bob Patton/John Wood (T)	Air Attack Supervisor	Dan White /Walter Bunt (T)
IMET	Dennis Gettman	Air Support Supervisor	Ken Crawford
8. Logistics Section		Helicopter Coordinator	
Chief	Paul Montgomery	Air Tanker Coordinator	
Deputy	Mike Jellison	10. Finance Section	
Supply Unit / Ordering	Tom Charlton/Mona Lake	Chief	Lois Charlton
Facilities Unit	Frank DelCarlo / Jeff Huhtala Ken Kumpe (T)	Deputy	
Ground Support Unit	Harry Zabel / John Camacho	Time Unit	
Communications Unit	Rick Cartoscelli / Phil Shafer	Procurement Unit	
Medical Unit	Josh Ramey/Matt Brown (T)	Compensation/Claims Unit	Debbie McIntosh
Receiving & Distribution	Fred Johnson	Cost Unit	Rachel Corkill (T)
Security Unit		Prepared by (Resource Unit Leader)	
Food Unit	Jay Westlake	L. Charbonnier	

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group A		
3. Incident Name Annie Incident			4. Operational Period Date: 8/21/11 Time: Day Shift 0600 - 2000				
5. Operations Personnel							
Operations Chief		Steve Burns Dave Pereira (T)		Division/Group Supervisor		Mark Vardanega/Randy Jennings Kipp Morrill (T)	
Planning Ops		Alec Lane/Robin Wills		Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader		Number Persons	Trans. Needed	Drop Off PT./Time		Pick Up PT./Time
LNF Engine 82	Rick Noggles		5	N	Per DIVS		Per DIVS
Paramedic	DJ Cline		1	N	Staged at DP-1		
EMT-B	James Arevalo		1	N	Staged at DP-1		
7. Control Operations - Continue mop-up and patrol 100' in.							
Special Instructions: - Begin suppression repair. - Backhaul unnecessary equipment. *****All vehicles are to use weed wash station on their way back to ICP at end of shift*****							
Function	Frequency RX	Frequency TX	Channel	Function	Frequency RX	Frequency TX	Channel
Command	168.7000 N	168.7000 N	1	Command Repeat (Use Tone 1)	168.7000 N	170.9750 N	2
Tactical Div/Group	168.0500 N	168.0500 N	3	Air to Ground	166.9625 N	166.9625 N	12
Prepared by (Resource Unit Leader) L. Charbonnier		Approved by (Planning Section Chief) Valery Lambeth 			Date 8/20/11		Time 2000

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group B			
3. Incident Name Annie Incident			4. Operational Period Date: 8/21/11 Time: Day Shift 0600 - 2000					
5. Operations Personnel								
Operations Chief		Steve Burns Dave Pereira (T)		Division/Group Supervisor		Paul Johnson/ Jesse Knox (T)		
Planning Ops		Alec Lane/Robin Wills		Air Attack Supervisor No.				
6. Resources Assigned this Period								
Strike Team/Task Force/ Resource Designator	Leader		Number Persons	Trans. Needed	Drop Off PT./Time		Pick Up PT./Time	
T2-IA BLM 3266	Robert Preston		14	N	Per DIVS		Per DIVS	
BLM Engine 3233	Leif Larson		5	N	Per DIVS		Per DIVS	
LNF Engine 83	Chris Watkins		5	N	Per DIVS		Per DIVS	
Paramedic	DJ Cline		1	N	Staged at DP-1			
EMT B	James Arevalo		1	N	Staged at DP-1			
7. Control Operations - Continue mop-up and patrol 100' in.								
Special Instructions: - Begin suppression repair. - Backhaul unnecessary equipment. *****All vehicles are to use weed wash station on their way back to ICP at end of shift*****								
Function	Frequency RX	Frequency TX	Channel	Function	Frequency RX	Frequency TX	Channel	
Command	168.7000 N	168.7000 N	1	Command Repeat (Use Tone 1)	168.7000 N	170.9750 N	2	
Tactical Div/Group	168.6000 N	168.6000 N	4	Air to Ground	166.9625 N	166.9625 N	12	
Prepared by (Resource Unit Leader) L. Charbonnier			Approved by (Planning Section Chief) Valery Lambeth 			Date 8/20/11		Time 2000

DIVISION ASSIGNMENT LIST		1. Branch		2. Division/Group C			
3. Incident Name Annie Incident		4. Operational Period Date: 8/21/11 Time: Day Shift 0600 - 2000					
5. Operations Personnel							
Operations Chief		Steve Burns Dave Pereira		Division/Group Supervisor		Rico Gonzales/Chris Stevens /Rob Brown (T)	
Planning Ops		Alec Lane/Robin Wills		Air Attack Supervisor No.			
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator	Leader		Number Persons	Trans. Needed	Drop Off PT./Time		Pick Up PT./Time
T2-IA Mad River	Tad Hair		20	N	Per DIVS		Per DIVS
T2-IA LNF Crew 2	Joe Milligan		19	N	Per DIVS		Per DIVS
Paramedic	DJ Cline		1	N	Staged at DP-1		
EMT-B	James Arevalo		1	N	Staged at DP-1		
7. Control Operations - Continue to mop-up and patrol 100' in.							
Special Instructions: - Backhaul unnecessary equipment.							
*****All vehicles are to use weed wash station on their way back to ICP at end of shift*****							
Function	Frequency RX	Frequency TX	Channel	Function	Frequency RX	Frequency TX	Channel
Command	168.7000 N	168.7000 N	1	Command Repeat (Use Tone 1)	168.7000 N	170.9750 N	2
Tactical Div/Group	166.5500 N	166.5500 N	5	Air to Ground	166.9625 N	166.9625 N	12
Prepared by (Resource Unit Leader) L. Charbonnier		Approved by (Planning Section Chief) Valery Lambeth 			Date 8/20/11		Time 2000

Fire Weather Forecast

FORECAST NO:	02	LOCATION:	Annie Fire
PREDICTION FOR:	Sunday	UNIT:	BLM Northern Cal District
SHIFT DATE:	8/21/11	SIGNED:	Dennis D. Gettman
TIME AND DATE			Incident Meteorologist
FORECAST ISSUED:	8/20/11 2000		

WEATHER DISCUSSION:

Moisture is slowly increasing over the fire area under weak southerly flow aloft. This will lead to an increasing chance of late afternoon and evening thunderstorm activity near the fire. The main area of storms should be north of the fire area so the storms, if they develop over the fire area may be on the dry side. **Be on the lookout for gusty and erratic winds should thunderstorms develop over the fire.** The air mass will stabilize later tonight with no thunderstorms expected Monday or Tuesday.

WEATHER FORECAST:

WEATHER: Mostly sunny...becoming partly cloudy in the afternoon. Chance of thunderstorm developing near the fire after 2 pm. Threat of thunderstorms near the fire continuing through midnight.

CHANCE OF WETTING RAIN: 5 percent

LAL: 1 early...then LAL 2

Temperatures/Relative Humidity: Maximum temperatures 85-88 lower slopes and valley...82-86 upper slopes. Minimum relative humidity 14-18 percent.

Eye-level Winds: Northeast to southeast 5-10 mph shifting to southwest to west 8-12 mph after about 2 pm.
Winds gusty and erratic if thunderstorms develop over the fire area.

Stability/Inversion: Weak inversion below 6000 feet...lifting after 10 am with mixing heights to 15,000 feet in the afternoon.

TONIGHT: Threat of thunderstorms continuing through midnight. Becoming clear overnight. Lows 53-57. Humidity recoveries 45-55 percent. Winds west to northwest 5-10 mph with gusts to 15 mph in the evening, decreasing to 2-6 mph after 10 pm.

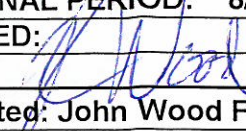
OUTLOOK FOR NEXT SHIFT: Monday...Sunny, warm and dry. High temperatures 84-87 lower slopes and valleys...80-84 upper slopes. Lowest humidity 12-16%. Light upslope winds in the morning...shifting to the west southwest 6-12 mph in the afternoon.

EXTENDED FORECAST: **Tuesday**...Sunny and very warm. High temperatures 89-92 lower slopes and valleys...86-89 upper slopes. Lowest humidity 9-12%. Light upslope winds in the morning...shifting to the west southwest 6-12 mph in the afternoon.

Wednesday...Turning partly cloudy in the afternoon with a chance of late day thunderstorms. High temperatures 85-88 lower slopes and valleys...80-84 upper slopes. Lowest humidity 14-18%. Light upslope winds in the morning...shifting to the west southwest 6-12 mph in the afternoon.

Weather observations on or near the fire Saturday: Maximum Temperatures 86-92 Lowest Humidity 11-15%
Winds north to northeast 10 mph shifting to south to southwest
10-15 mph after 3 pm.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER:	TYPE OF FIRE: Wildland Fire
FIRE NAME: Annie Fire	OPERATIONAL PERIOD: 8/21/11 0600 - 2000
DATE ISSUED: 8/20/11	TIME ISSUED:
UNIT: Northern California BLM/ Modoc N.F.	SIGNED: 
	Typed/printed: John Wood FBAN(t)

INPUTS

WEATHER SUMMARY: See attached fire wx forecast.

OUTPUTS

FIRE BEHAVIOR

GENERAL:

Fire behavior inputs are still similar to what they were on Thursday when this fire started. Conditions have moderated slightly with a slight reduction in temperatures and slight increase in relative humidity. Should the fire cross the control lines, the grass and sage will continue to show the most active fire behavior, with spread rates near 10 ch/hr and flame lengths around 4 feet. At the higher elevations, expect very moderated fire behavior where the fire continues to consume fuels, 1 ch/hr spread rates and flame lengths just under 1 foot.

Live fuel moistures in the sage brush remain at 100%. The 1 hr fuel moistures calculate a range of 4-7%. Probability of ignition is predicted at 76% for today. Spotting distances remain around .2 mile.

The chance for thunderstorm activity increases on Sunday. Be aware of thunderstorm development and the possibility of winds associated with these storms. Wind can rapidly increase fire behavior.

Remember that fine fuels can change rapidly with conditions. Even if it rains cured grass can become available to burn in a short period of time, this can be sped up by wind and/or a dry air mass.

SPECIFIC: Div. A & B- Fire activity is significantly reduced but where conditions will allow it spotting can still pose a problem in these divisions. The majority of the fuels burned out during the IA shift. Where dust devils or thunderstorm winds interact with the fire area there is the possibility of lofting embers causing spotting.

Div C- Heavies will continue to burn down unless they are mopped up. Adjectives to describe spread rates would be creeping and smoldering. Duff will continue to burn and may show short flame lengths when exposed to air.

IA- For resources responding during initial attack. In the grass fuel types with an increase in wind to 20 mph, rates of spread can be 60 ch/hr an increase of 6 times from what is forecast with the general winds, flame lengths double to 8 feet.

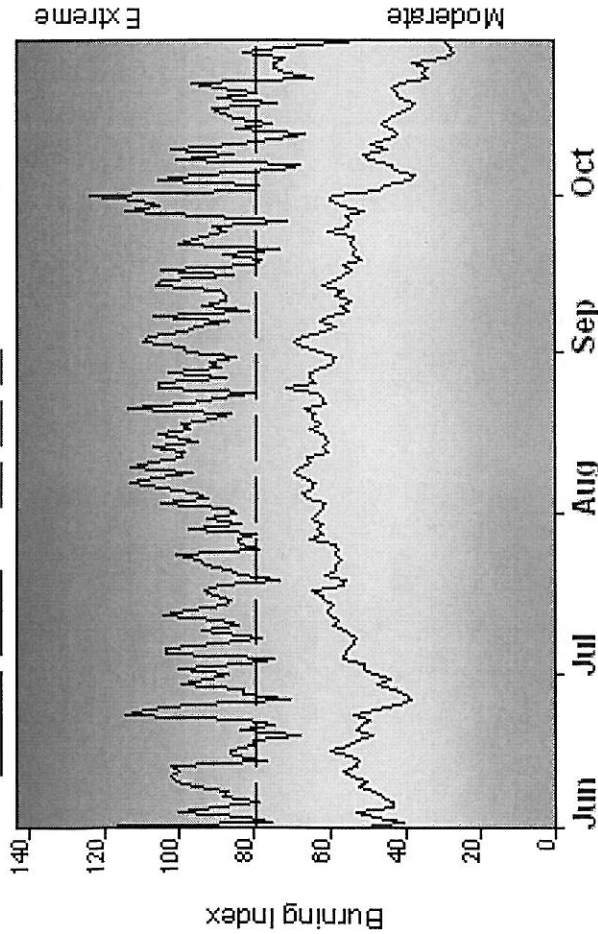
AIR OPERATIONS: Smoke should not be a problem for air operations.

SAFETY

Use the Fire Behavior Hauling Chart on pg. 79 of your IRPG as a reference when engaging in fire suppression operations. Compare your tactics to what is recommended for the flame lengths encountered. Understand when you need to alter your tactics for the fire behavior to achieve success.

FIRE DANGER -- (Fire Danger Area)

Maximum, Average, and 90th Percentile, based on 20 years data



Fire Danger Area:

- ◆ FDRAs 258, 260, 265
- ◆ 100% Zones 270, 278, 285, 488
- ◆ Westside SIG
- * Meets NWCG 100% Station Standards

Fire Danger Interpretation:



- EXTREME -- Use extreme caution
- (Caution) -- Watch for change
- Moderate -- Lower Potential, but always be aware

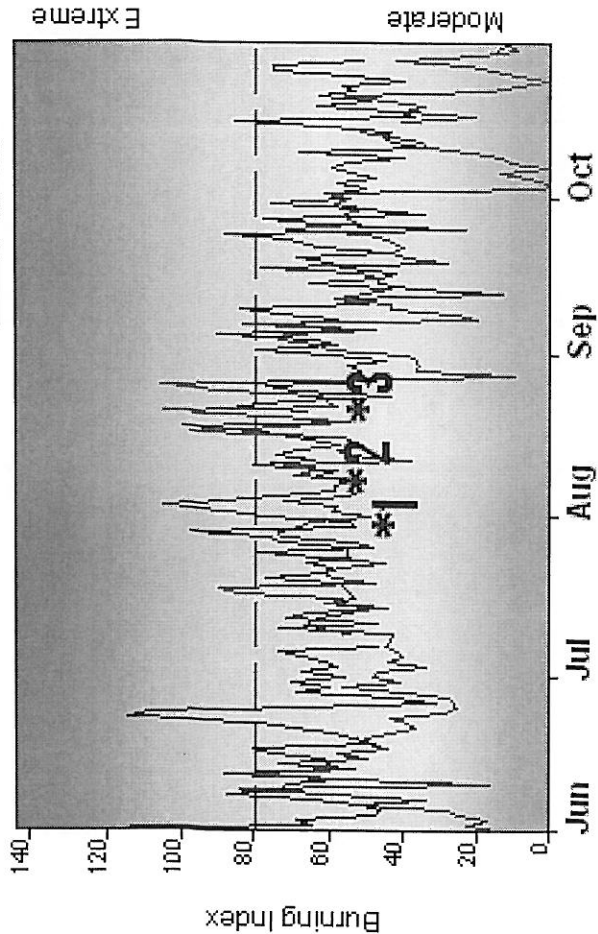
Maximum -- Highest Burning Index by day for 1991 - 2010

Average -- shows peak fire season over 20 years (3043 observations)
 90th Percentile -- Only 10% of the 3043 days from 1991 - 2010 had an Burning Index above 79

Local Thresholds - Watch out: Combinations

of any of these factors can greatly increase fire behavior:
 20' Wind Speed over 10 mph, RH less than 25%,
 Temperature over 80

Years to Remember: 2001 2010



Remember what Fire Danger tells you:

- ✓ Burning Index gives day-to-day fluctuations calculated from 2 pm temperature, humidity, wind, daily temperature & rh ranges, and precip duration.
- ✓ Wind is part of BI calculation.
- ✓ Watch local conditions and variations across the landscape -- Fuel, Weather, Topography.
- ✓ Listen to weather forecasts -- especially WIND.

Past Experience:

Fire #1 McDONALD Fire, lightning started on July 26, 2010 and burned 9,408 acres on the Atlas Field Office.

Fire #2 OBSERVATION Fire, lightning fire started on August 9, 2001 and burned 67,792 acres on the Eagle Lake Field Office.

Fire #3 BARREL Fire, lightning fire started on August 22, 2005 and burned 24,370 acres on the Surprise Field Office.

Responsible Agency: BLM NorCal
 FF+4.0.2.05/31/2014-13:33 (CAProgram Files\FireFamilyPlus 4(PC11))

Design by NWCG Fire Danger Working Team

INCIDENT RADIO COMMUNICATIONS PLAN	ANNIE INCIDENT CA-NOD-003546	Date/Time Prepared 8/20/2011 1600	Operational Period Date/Time Day Shift 8/21/2011 0600-2000
Incident Name			

Only frequencies listed on this 205 are authorized for use on this incident.									
Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N/W*	RX Tone	TX Freq N or W	TX Tone	Mode	Remarks
1	COMMAND	NIFC C-1	ALL DIVISIONS	168.7000 N		168.7000 N		A	
2	COMMAND	NIFC C-1 RPT	ALL DIVISIONS	168.7000 N		170.9750 N	110.9	A	MUST USE Tone 1(110.9)
3	TACTICAL	NIFC TAC-1	DIVISION A	168.0500 N		168.0500 N		A	
4	TACTICAL	NIFC TAC-3	DIVISION B	168.6000 N		168.6000 N		A	
5	TACTICAL	USFS R5 TAC-4	DIVISION C	166.5500 N		166.5500 N		A	
6	TACTICAL	NIFC TAC-5	UNASSIGNED	166.7250 N		166.7250 N		A	
7	TACTICAL	NIFC TAC-6	UNASSIGNED	166.7750 N		166.7750 N		A	
8	IA DISPATCH	SIFC-NOD DIRECT	ALT COMMAND if C-1 FAILS	171.6250 N		171.6250 N	136.5	A	Requires Tone 4 (136.5)
9	IA DISPATCH	SIFC-NOD REPEAT	ALT COMMAND if C-1 FAILS	171.6250 N		164.2500 N	123.0	A	Use Tone 2 (123.0) or 6 (156.7)
10	BLM SOA	CA BLM SOA	IA TACTICAL	168.3000 N		168.3000 N		A	
11	IA DISPATCH	MDF REPEAT	ALTERNATE COMMAND	168.7500 N		170.1750 N	136.5	A	Use Tone 4 (136.5)
12	A/G TACTICAL	AIR TO GROUND	ALL DIVISIONS	166.9625 N		166.9625 N		A	
13	MEDI-VAC	CALCORD	ALL DIVISION	156.0750 W		156.0750 W		A	
14	EMERGENCY	AIR GUARD	ALL DIVISIONS	168.6250 N		168.6250 N	110.9	A	STONE 1 USED FOR EMERGENCY OR INITIAL CONTACT WITH AIRCRAFT
15									
16	EMERGENCY	AIR GUARD	ALL DIVISIONS	168.6250 N		168.6250 N	110.9	A	STONE 1 USED FOR EMERGENCY OR INITIAL CONTACT WITH AIRCRAFT

5. Prepared by
 Rick Cartoscelli, Nor Cal Team 1, COM1
 Incident Location
 County State: Modoc, CA
 Fire Latitude
 Longitude

AIR OPERATIONS SUMMARY

PREPARED BY: Curtis Coots

PREPARED DATE/TIME: 8/20/11 17:30



1. INCIDENT NAME: Annie Incident		2. OPERATIONAL PERIOD DATE: 8/21/11		START TIME: 0600		END TIME: 2000		SUNRISE: 05:16		SUNSET: 18:54			
3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.):													
1. Watch for Hang gliders in the vicinity of the TFR.													
2. Watch for strong gusty winds associated with isolated thunderstorm activity													
3. Watch for intruder aircraft entering TFR													
4. Use only approved dipsites and have a dipsite managers in place!													
5. Divs contact Communications for Medical Emergencies													
6. PERSONNEL			Phone	7. FREQUENCIES		AM	FM	8. FIXED-WING				# Avail / Type/ Make-Model / FAA N# / Base(s)	
AOBD: Curtis Coots			(530) 598-4142	AIR/AIR FW:			168.7375	Airtankers				09:00 availability.	
ATGS: Dan White			(530) 251-6905	AIR/AIR RW:		118.1750		Leadplanes					
				AIR/GROUND:		166.9625		Base FAX #:					
ASGS: Ken Crawford			(530) 412-2534	COMMAND		Rx: 168.700	Tx: 170.9750	ATGS Aircraft				Aero Commander A/A-06	
HEBM: Nick Fowler			(801) 891-6283	TOLC FREQ:		169.4000		HELCO				Order through SIFC if needed	
ATB MGR:				DECK FREQ:									

9. HELICOPTERS (Use Additional Sheets As Necessary)

FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS
H-510 A-5	2	Bell 205	Cederville	0730	0800	Bucket Support Deliver Line EMT to incident if requested							
H-58AH A-6	2	S-58T	Cederville	0730	0800	Tentative Release @ 0800							

10. TASK/MISSION/ASSIGNMENT (Type/Function includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, S&R, etc.)

TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (if applic) OR INSTRUCTIONS FOR TACTICAL AIRCRAFT	MISSION START	FLY FROM	FLY TO
H-510	In the event of a medical incident that requires immediate attention on the Annie Incident H-510 will pick up Line EMT's at Drop Point 1 Lat N41 54'70 Long W120 06'56			
Note of Interest	Release of Temporary Flight Restriction @ 1800 Release of All Air Frequencies @ 1800			

MEDICAL PLAN	1. Incident Name	2. Date Prepared	3. Time Prepared	4. Operational Period							
	Annie Fire	08/20/11	1600	8/21/11 0600-2000							
5. Incident Medical Aid Station											
Medical Aid Stations		Location			Paramedics Yes No						
Frontline Medical (cell: 530-258-9155 or 214-551-3850)		Annie ICP, 740 High St., Cedarville, CA N 41° 31.99 / W 120° 10.55			X						
6. Transportation											
AIR Resources											
Name		Address		Phone		Paramedics Yes No					
Mountain LifeFlight (Day/Night)		710 Ash St., Susanville, CA 96130		911 or 530-251-2844		RN					
Emergency Air Lift (Day only)		2901 Airport Wy., Klamath Falls, OR		911 or 800-804-4911		RN					
CHP (hoist with 165' line)		Benton Airfield, Redding, CA		911 or 530-225-2040		X					
Cal Fire-Bieber 202(Short haul)		510 Bridge St., Beiber, CA 96009		911 or 530-294-5251		X					
Chester 510 (BLS medivac)		Helibase		Contact Annie comm..		X					
Ground Ambulance Services											
Name		Location			Paramedics Yes No						
Modoc Co. Ambulance		Cedarville & Alturas, CA (Ph : 911 or 530-233-4410)			X						
Lake Co. Ambulance		Lakeview, OR (Ph: 911 or 541-947-2504)			X						
7. Hospitals											
Name		Address		Travel Time Air Ground		Phone		Helipad Yes No		Burn Center Yes No	
Surprise Valley Hospital		741 N Main St. Cedarville, CA		N/A 5 min.		530-279-6111		X		X	
Modoc Medical Center		228 McDowell, Alturas CA N41°28.48/ W120°32.42		15 min. 1:10 min.		530-233-5131		X		X	
Lake Dist. Hospital		700 S J St. Lakeview, OR N42°10.88 / W120°21.12		12 min. 60 min.		541-947-2114		X		X	
Renown Medical Center. Level II		1155 Mill St., Reno, NV N39°31.34 / W119°47.45		1 hr. 4 hr.		775-982-2005		X		X	
Mercy Med Center Level 2 Trauma		2175 Rosaline Ave, Redding N 40° 34.29' / W 122° 23.67'		1 hr. 4 hr		530-225-7201		X		X	
UC Davis Level I Trauma/Burn Cntr.		2315 Stockton Blvd. Sacramento N38°33.17 / W121°27.05		1:45 min. 7 hrs.		916- 734-3636 916- 734-3790		X		X	
8. Medical Emergency Procedures											
<input type="checkbox"/> Contact Annie Communications and declare a medical emergency on Command, advising your location and situation <input type="checkbox"/> The closest Division Supervisor will respond to the location to take control and direct necessary actions <input type="checkbox"/> The closest Safety Officer and EMTs will respond to the location to assist with patient care <input type="checkbox"/> Use the attached Injury/Incident Communications Work sheet to coordinate appropriate care and transportation <input type="checkbox"/> Secure the scene area and identify witnesses for later investigation – Keep a log											
Prepared by (Medical Unit Leader)						10. Reviewed by (Safety Officer)					
Josh Ramey MEDL 530-277-1213 						Rich Rubin SOF2 					

Injury or Incident Communications Protocol

Location _____

Situation _____

Any special equipment required _____

Number of injured _____ Type of injuries _____

Immediate transport required: Yes No Best method: Ambulance Helicopter Vehicle

Closest pick up point (DP, Helispot) _____

LOC _____ Resp. _____ Pulse _____ BP _____ Weight _____

Injury _____

Medical History/Allergies _____

Air Transportation Triage Contact EMS Helicopters on CALCORD freq.

	Air Ambulance	Transport to Med Unit
Mechanism	Struck by tree Fall of 10' or more Snake bite with pain and swelling Insect bite with shortness of breath Signs of heat stroke (hot, dry, disoriented) Burn Injury greater than 1% body area	Minor dehydration Cut or laceration with bleeding controlled Minor bites and Stings Minor burns
Area Injured	Significant Blunt or Penetrating Trauma to Head, Neck, Chest, Abdomen or pelvis Any Arm or Leg fracture	Minor blunt trauma Minor penetrating trauma Extremity sprains and strains
Symptoms	Disoriented Chest Pain or Shortness of Breath Weak or absent radial pulse Pale, cold and sweating	Alert and oriented No shortness of breath Good pulses

Medivac Sites

Annie Lake - N 41°56.02 / W 120°05.63

Annie Helibase(For in-camp emergencies)- N 41°33.01 / W 120°10.29

If air or ground ambulance is DELAYED:

Package and transport patient to rendezvous with Incident Ambulance. Re-route EMS helicopter to rendezvous point as appropriate.

If Declaring an "Incident within the Incident"

The closest DIVS will respond to manage the incident. They are responsible for giving an accurate size up, ensuring scene safety, setting priorities and initiating an appropriate response.

The closest Safety Officer and Line EMS will respond to the scene to assist the Branch Director or DIVS. Secure site and begin initial investigation when situation is stabilized.

Annie Fire Risk Analysis (215a)

Div.	LCES Analysis of Tactical Applications (Hazardous Actions or Conditions)	LCES Mitigations/Warnings/Remedies
All	Driving Hazards	<ul style="list-style-type: none"> • Fire Access roads require slow speeds and occasional spotters • Drive with your headlights on. Use chock blocks. Keep windshields clean. Look before backing and use backer. • Maintain driving situational awareness. • Observe speed limits!! • The roads in the area are open to the public
All	Terrain and Travel Times Create an EMS Challenge	<ul style="list-style-type: none"> • Review Medical Plan and Communication Protocol • Use CALCORD to Coordinate Ground and Air Ambulance • Line EMT-P with ALS Equipment and truck available out of DP1 • Insert EMT-P into Div C via H-510
All	Mop Up and Patrol	<ul style="list-style-type: none"> • Use proper body mechanics to avoid injury • Maintain adequate escape routes and safety zones. Advise all personnel if these are compromised or changed. Set trigger points when appropriate. • Maintain LCES and adhere to the 10 standard orders. • Be aware of the light, flashy fuels and the winds that affect them.
All	Chance of Lightning	<ul style="list-style-type: none"> • Review NWCG Lightning Safety Paper in IAP
All	Fire Behavior	<ul style="list-style-type: none"> • Maintain adequate escape routes and safety zones. Advise all personnel if these are compromised or changed. Set trigger points when appropriate. • Maintain LCES and adhere to the 10 standard orders. • Be aware of the light, flashy fuels and the winds that affect them.
All	Hydration	<ul style="list-style-type: none"> • With the heat, wind and poor RH, hydration is an issue • Drink water before, during, and after shifts. • Be alert for signs of heat stress in yourself and others • Be sure to eat throughout the shift to better assimilate energy/hydration needs
All	Foot Travel	<ul style="list-style-type: none"> • Watch footing, both in camp and on the line • Minimize fatigue by pacing yourself • Treat "hot spots" on your feet before they become blisters • Mine shafts in area. Flag and communicate location to all.
All	Fatigue and Complacency	<ul style="list-style-type: none"> • Affects judgment, decision making, and performance • Take a break and the re-focus on the task at hand



Safety and Health Working Team



THUNDERSTORM SAFETY

Within a 30-day period from the end of May to the end of June 2008, 10 wildland firefighters were injured after being struck by lightning while conducting fire operations. Two of these firefighters were hit on a prescribed fire in Montana, eight others were struck in North Carolina. Thunderstorms continue to be predicted in most of the west and parts of the southeast.

Clearly, lightning is a hazard in the wildland fire environment--one that will always have potential to injure or kill firefighters. Two wildland firefighters were killed by lightning on the North Stansbury Fire in Utah on August, 23, 2000. Nationwide, 60 people are killed by lightning each year and another 340 are injured; many of these injuries are of a life-changing nature.

Firefighters can take specific actions to mitigate the hazard they face from lightning. Observe the 30/30 rule: If you see lightning and hear thunderclaps within 30 seconds of each other, take storm countermeasures. Do not resume work in exposed areas until 30 minutes after storm activity has passed. Other thunder storm countermeasures include:

- Take shelter in a vehicle or building if possible.
- If outdoors, find a low spot away from tall trees, wire fences, utility lines and other elevated conductive objects.
- If in the woods, move to an area with shorter trees.
- If in open country, crouch low, minimizing your contact with the ground. Never lie flat on the ground.
- Don't group together.

In addition to lightning, thunderstorm activity poses other threats to wildland firefighters.

Outflow winds and downbursts can dramatically affect fire behavior miles away from a thunder cell; this has been noted as a causal factor in a number of fatalities.

Localized heavy precipitation can also occur so flash flooding is a potential concern in low lying areas.

Wildland firefighters are urged to review the Thunderstorm Safety section of the Incident Response Pocket Guide, page 75

TRAINING

There are 14 trainees checked in and currently on the fire...
Now serving number 15

Trainees – have you looked at your task book today?

- Use it as a job aid. It has lots of checklists to remind you what needs to be done.
- Discuss with your trainer what tasks you might complete today.
- It's too late if you wait until demob. Work on it today.
- The training desk is located in the gym at ICP.

Training Watch Out

Your trainer asks you “So how do these darn task books work anyhow?”



AAAClipArt.com

The 5-D System for Effective Waterbars

When locating and building waterbars, place them the right **distance** apart, at a **diagonal** to the fireline, so that they **divert**, then **discharge**, then **dissipate** the energy of the flowing water. Be sure to make them deep enough so they'll be durable, and that soil does **not block** the water bar outlet.

Recommended spacing for waterbars on firelines.

Fireline slope %	Maximum Distance Apart (feet)
1-5	200
6-20	125
21-40	60
41-60	40
>60	25

Waterbars should be at least 2 pulaski widths wide and 12-24 inches high.

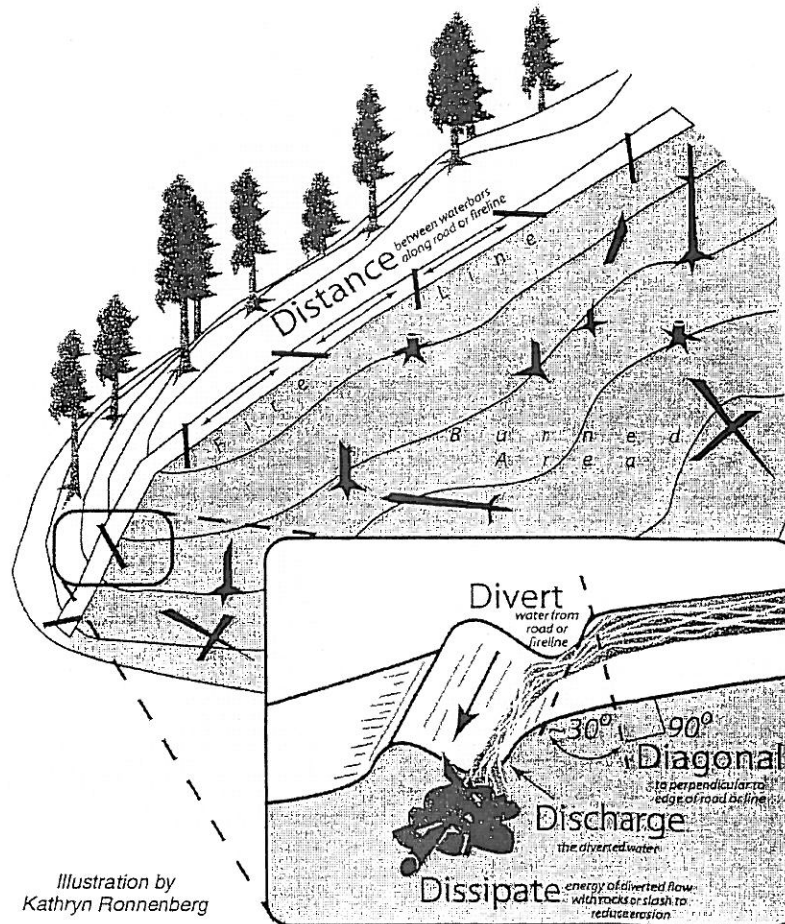
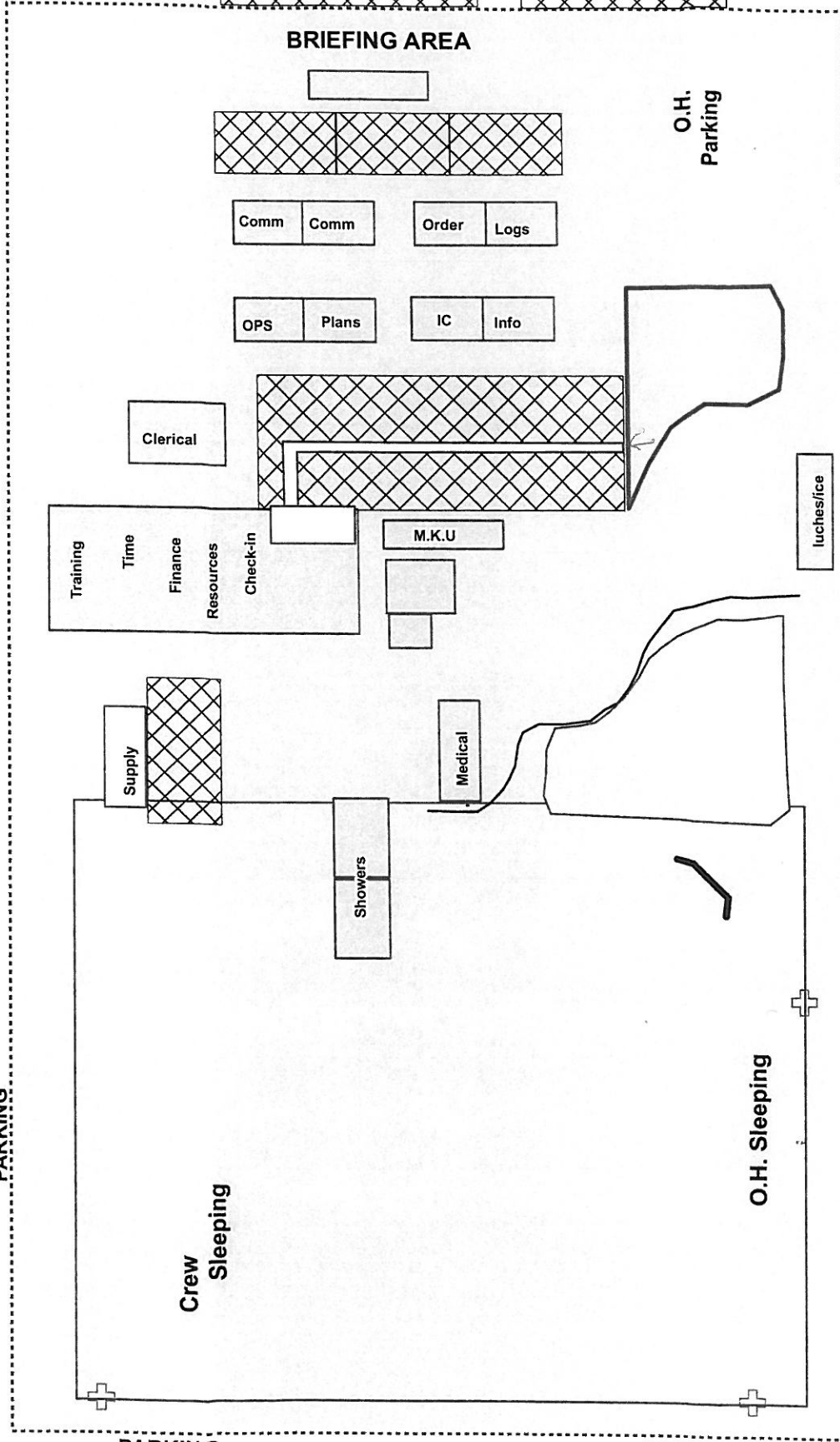


Illustration by
Kathryn Ronnenberg

GARFIELD ST

PARKING



PARKING

PARKING

WASHINGTON ST



HIGH ST
ICP
Annie
CA-NOD-003546

Not to scale

CV
 August 20, 2011
 1438 Hours