

McDonald Incident

July 30, 2010

Night Shift

Driving

- Drive Slowly on fire access roads
 - Use a spotter as necessary
- Keep speed down on Juniper Ridge Rd. to help control dust

Situational Awareness

- Look Up, Look Down, Look Around
- Take corrective actions as needed, notify

Night Medivac

- Closest EMS Helicopter without NVG
- Vector aircraft in on CALCORD
- Define Medivac site using light sticks

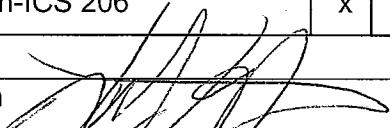
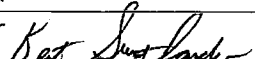
Night RH Recovery

- Do not enter or YOU WILL DEHYDRATE
- Do not enter for active fire
- Do not enter for rain
- Do not enter for LCES and follow the 10 Standard Fire Orders


CA-NOD-3688 FNP8/PDFNP8 (1502)

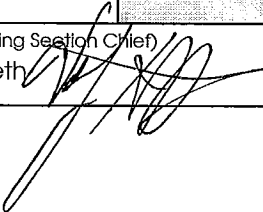
BLM Northern California District

Northern California Incident Management Team 1

INCIDENT OBJECTIVES		1. Incident Name		2. Date Prepared		3. Time Prepared	
ICS 202		McDonald Incident		07/30/2010		1200	
4. Operational Period							
07/30-31/2010 Night Shift 1800 - 0800							
5. General Control Objectives for the Incident (include alternatives)							
<ol style="list-style-type: none"> 1. Provide for public and firefighter safety through application of the Risk Management Process. 2. Keep fire west of Cold Springs Road. 3. Protect high value wildlife habitat (sage grouse NE of fire, Pronghorn antelope, mule deer) by using direct attack methods where possible. 4. Large islands of sagebrush between fireline and already burned areas should not be burned out. 							
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	x	Unit Log ICS-214		
x	Medical Plan-ICS 206	x	Safety Message		Vicinity Map		
9. Prepared by				10. Approved by (Incident Commander)			
Valery Lambeth 				Kent Swartzlander 			

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. Incident Name McDonald Incident		Operations Day Night	Alec Lane / Robin Wills (T) Steve Burns
2. Date July 30, 2010		3. Time 1000	
4. Operational Period Night July 30-31, 2010, 1800 - 0800		d. Branch 1 - Division/Groups	
Position		Branch Director	
Name		DAY	
5. Incident Commander and Staff		Division/Group A Greg Moon	
Incident Commander	Kent Swartzlander / Mike Minton (T)	Division/Group B Randy Jennings/Ezra Stiles (T)	
Deputy	Paul Whitcome	Division/Group C Seth O'Dell	
Safety Officer	Michele Tanzi / Rich Rubin /Dave Kirste	Division/Group D Paul Johnson/Bob Beebe (T)	
Information Officer	Yvonne Jones / Phyllis Swanson / Jim Mackensen (T)	Division/Group Y Dave McCandliss/Joe Johnson (T)	
Liaison Officer		Division/Group Z Ed Merrill	
6. Agency Representative		b. Branch 2 - Division/Groups	
Agency Admin	Nancy Haug	Branch Director	
Agency Admin Rep	Alan Uchida	NIGHT	
Resource Advisor	Mike Dolan	Division/Group A/Z Unstaffed	
		Division/Group B/C Jim Yacoub	
		Division/Group D Arron Schuh / Julia Martin (T)	
		Division/Group Y Alex McBath	
		Division/Group	
		Division/Group	
7. Planning Section		c. Branch III - Division/Groups	
Chief	Valery Lambeth / Lance Noxon (T)	Branch Director	
Deputy	Dave Sinclear	Deputy	
Resources Unit	Rifa Mustafia / Lou Ann Charbonnier	Division/Group	
Situation Unit	Chris Wikeen / Melissa Hennessey (T)	Division/Group	
Documentation Unit		Division/Group	
Demobilization Unit	Gary Deboi	Division/Group	
Technical Specialists		d. Air Operations Branch	
Human Resources		Air Operations Branch Director Bruce Wicks	
Training	Dominic Panno	Air Attack Supervisor Dan White / Mike Frederick	
CTSP	George Steel	Air Support Supervisor Ken Crawford	
GIS	Kyle Felker / Matt Dickinson	Helicopter Coordinator	
FBAN	Bob Patton	Air Tanker Coordinator	
IMET	Jon Bonk	10. Finance Section	
8. Logistics Section		Chief Lois Charlton	
Chief	Paul Montgomery	Deputy	
Deputy	Mike Jellison / Brett Shurr (T)	Time Unit Shannon Ammon	
Supply Unit / Ordering	Tom Charlton	Procurement Unit	
Facilities Unit	Frank DelCarlo / Jeff Huhtala	Compensation/Claims Unit Debbie McIntosh	
Ground Support Unit	Harry Zabel / John Camacho	Cost Unit Sissy Hoaglen	
Communications Unit	Rick Cartoscelli / Phil Shafer		
Medical Unit	Josh Ramey	Prepared by (Resource Unit Leader)	
Receiving & Distribution	Ron Pierce / Fred Johnson	L. Charbonnier	
Security Unit	Elizabeth Kurpies		
Food Unit	Jay Westlake		

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group D		
3. Incident Name McDonald Incident			4. Operational Period Date: 7/30-31/2010 Time: Night Shift 1800 - 0800				
5. Operations Personnel							
Operations Chief		Steve Burns		Division/Group Supervisor		Aaron Schuh / Julia Martin (t)	
Planning Ops		Pete Duncan		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
Engine TNF 61 (E-19)	John Wickstrom		5	N	Per DIVS		Per DIVS
Engine TNF 33 (E-18)	Jacobie Waters		5	N	Per DIVS		Per DIVS
WT Dig It (E-10)	Pat Dougherty		1	N	Per DIVS		Per DIVS
EMTP	Jonathan Rich		1	N	DP2		DP2
EMTB	Vincent Stevenson		1	N	DP2		DP2
7. Control Operations Patrol and Mop-up 100 feet in.							
Special Instructions: Schuh on at 2130. EMTs report to DP2 - cover the whole fire							
Function	Frequency RX	Frequency TX	Channel	Function	Frequency RX	Frequency TX	Channel
Command Repeat	168.0750 N	170.4250 N	1 Tone 3	Air to Ground	168.5375 N	168.5375 N	12
Tactical Div/Group	166.7750 N	166.7750 N	9				
Prepared by (Resource Unit Leader) Rita Mustatia		Approved by (Planning Section Chief) Valery Lambeth 			Date 7/30/10		Time 1230

DIVISION ASSIGNMENT LIST			1. Branch		2. Division/Group Y		
3. Incident Name McDonald Incident			4. Operational Period Date: 7/30-31/2010 Time: Night Shift 1800 - 0800				
5. Operations Personnel							
Operations Chief		Steve Burns		Division/Group Supervisor		Alex McBath	
Planning Ops		Pete Duncan		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
Eldorado IHC (C-17)	Will Harris		22	N	Per DIVS		Per DIVS
Engine MNF 53 (E-21)	Tony Kanownik		5	N	Per DIVS		Per DIVS
Engine SHF 334 (E-16)	Adam Dummer		5	N	Per DIVS		Per DIVS
7. Control Operations Patrol and Mop-up 100 feet in.							
Special Instructions: Eldorado on at 2130							
Function	Frequency RX	Frequency TX	Channel	Function	Frequency RX	Frequency TX	Channel
Command Repeat	168.0750 N	170.4250 N	1 Tone 3	Air to Ground	168.5375 N	168.5375 N	12
Tactical Div/Group	166.7250 N	166.7250 N	8				
Prepared by (Resource Unit Leader) Rita Mustatia		Approved by (Planning Section Chief) Valery Lambeth 			Date 7/30/10		Time 1230

Fire Weather Forecast

FORECAST NO: 2

PREDICTION FOR: Night Shift

SHIFT DATE: Friday 7/30/10

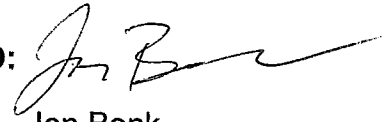
TIME AND DATE

FORECAST ISSUED: Friday 7/30/10 @ 1200

NAME OF INCIDENT: McDonald

UNIT: BLM –Nor Cal District

SIGNED:



Jon Bonk

Incident Meteorologist

***** Red Flag Warning in effect until 10 pm tonight *****
***** Fire Weather Watch in effect from 2 pm until 10 pm Saturday *****

WEATHER DISCUSSION: Dry southwest flow will persist over the burn area through Sunday. A weak cold front moves away from the incident with gusty winds during the evening. Wind with terrain alignment will be a major player to reach peak wind speeds. Ridgetop winds will shift Northwest around 2000 before decreasing overnight. Some brief northwest downslope winds possibly affecting Divisions A and Z as the atmosphere stabilizes after sunset. Expect poor humidity recovery again under a shallow inversion developing around midnight. Gusty winds expected again on Saturday with somewhat decreased speeds on Sunday.

WEATHER FORECAST TONIGHT:

WEATHER: Clear.

LAL: 1

CWR: 0%

MIN TEMPERATURE: Valley: 42 Mid-slope: 57

MAX HUMIDITY: Valley: 48% Mid-slope: 23%

20 FT WINDS:

Lower/Mid Slopes – West 17 to 22 mph with gusts to 35 mph becoming drainage 2-7 after 2200.

Ridges/Upper Slopes – West 25 to 30 mph with gusts to 40 mph becoming Northwest 10 to 20 mph after 2000 then becoming light after 0100.

SATURDAY FORECAST: Clear and windy. High temperatures...Valley 90, Ridges 82. Minimum RH...Valley 8-12%, Ridges 14-18%. Lower slope winds...Light becoming Southwest 8 to 14 mph after 1000 then shifting West 15 to 20 mph with gusts to 30 after 1400. Ridgetop winds...Light becoming Southwest 12 to 18 mph after 1000 increasing to 18 to 25 mph with gusts to 35 mph after 1400.

Extended Outlook:

Saturday Night: Clear. Lows...45 to 60. Maximum RH...25% to 45%. Winds: Valley...West 15 to 20 mph with gusts to 30 becoming drainage 2 to 7 mph after sunset. Ridge/upper slopes...West 18 to 25 mph with gusts to 35 mph shifting Northwest 10 to 20 mph after 2000 then becoming light after 0200.

Sunday: Clear. Highs...88 to 95. Minimum RH...10% to 17%. Afternoon Winds: Lower slope winds...West 10 to 15 mph. Ridge/upper slope winds...West 12 to 18 mph.

Fire Behavior Forecast #3

Name of Incident:

McDonald

Administrative Unit:

Norcal BLM

Date & Time Issued: 07/30/2010@0900**Operational Period:** Night Shift 07/30/10**SITL:** Chris Wikeen**Signed:** *KUSPACON***Assumptions:**

Weather Summary

See attached Weather Forecast.

Fire Behavior Summary

General

Fuels within the McDonald Fire consist of sagebrush, cheat grass, and juniper. Heavy Precipitation in the late spring has contributed to relatively high live fuel moisture value around 120% in the sagebrush. The cheat grass is abnormally high due to the high precipitation. It is cured in most locations. The sagebrush fuels above 6000' on northern aspects are fairly continuous. On eastern aspects at 6000' it becomes more discontinuous and the grass is more sparse and green in some locations. The grass is the main carrier of the fire at lower windspeeds. As the eyelevel winds rise to 10-17 miles per hour and the fuels/slope are in alignment, the sagebrush will consume. Expect fire behavior to decrease around 2200 or when there is a significant drop in the windspeeds.

Specific Assignments:

Slopes and ridgetops that are aligned with the west winds will have the most active fire behavior tonight then it will turn to the northwest later in the evening. Expect the rate of spread to be around 0-30 ch/hr when slope and wind are in alignment depending on the continuity of the fuels. Flame lengths could range from 1-18'. Maximum spotting distance around 1300' into a receptive fuel bed. Fire behavior on slopes sheltered from the wind should be low to moderate.

Division A: This Division will have west winds and the northwest winds moving across the line early in the shift.

Division B: The west to northwest wind shouldn't affect control line along the northwest perimeter.

Division C: The eastern line could be tested by winds near ridgetops.

Division D: The winds will be favorable for this Division.

Division Y and Z: West and Northwest winds could test control lines near ridgetops tonight.

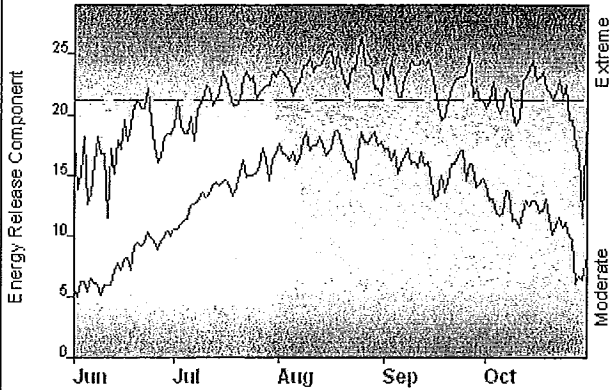
Air Operations: Gusty ridgetop winds in the late afternoon could hamper air operations.

Safety

You are in country that you haven't seen in the daylight.

FIRE DANGER -- Norcal Eastside

Maximum, Average, and 90th Percentile, based on 13 years data



Fire Danger Area:

- ◆ FDRAs 258, 280, 285
- ◆ Wx Zones 270,278,285,468
- ◆ Eastside SIG
- * Meets NWCG Wx Station Standards

Fire Danger Interpretation:



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

Maximum -- Highest Energy Release Component by day for 1992 - 2004

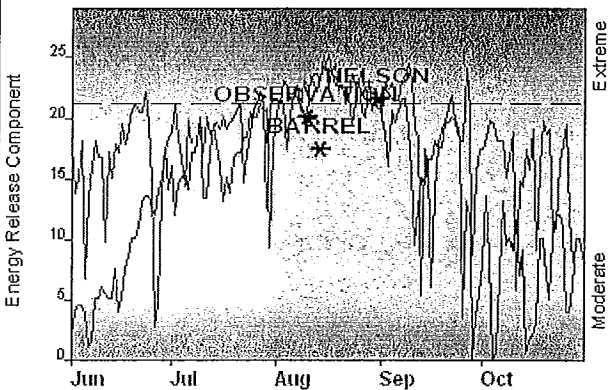
Average -- shows peak fire season over 13 years (1972 observations)

90th Percentile -- Only 10% of the 1972 days from 1992 - 2004 had an Energy Release Component above 21

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: 1994 2001



Fuel Model: T - Sagebrush-Grass

Remember what Fire Danger tells you:

- ✓ Energy Release Component gives seasonal trends calculated from 2 pm temperature, humidity, daily temperature & rh ranges, and precip duration.
- ✓ Wind is NOT part of ERC calculation.
- ✓ Watch local conditions and variations across the landscape -- Fuel, Weather, Topography.
- ✓ Listen to weather forecasts -- especially WIND.

Past Experience:

Dry Lightning storms with associated winds equal EXTREME Fire Behavior.

Low RH's, High Daytime Temps, and Low Live Fuel Moistures equal VERY HIGH to EXTREME Fire Danger.

Eastside SIG: Ravendale 040714, Juniper Creek 040308, Barrel Springs 280111.

Responsible Agency: BLM Norcal

FF+3.0.5 07/05/2006-11:26 (C:\sapps\vsprod\am\Fire Family Plus\FFPLUS3.mdb)

Design by NWCG Fire Danger Working Team

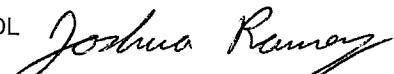

INCIDENT RADIO COMMUNICATIONS PLAN		Incident Name MCDONALD INCIDENT		Date/Time Prepared 7/30/2010 0800	Operational Period Date/Time 7/30/2010 Friday 1800-0800
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Only frequencies listed on this 205 are authorized for use on this incident.

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-3	ALL DIVISIONS	168.0750 N		170.4250 N	131.8	A	MUST USE Tone 3
2	COMMAND	NIFC C-10	UNAVAILABLE/FUTURE USE	170.4125 N		165.9625 N	131.8	A	MUST USE Tone 3
3	NOD ADMIN NET	BLM ADMIN RPT	NOD BLM ADMIN	166.3750 N		166.9750 N	167.9	A	Tone 3 OR 7
4	NOD FIRE NET	BLM FIRE RPT	NOD BLM IA	166.4875 N		167.0750 N	167.9	A	Tone 3 OR 7
5	TACTICAL	NIFC TAC-1	DIVISION AZ	168.0500 N		168.0500 N		A	
6	TACTICAL	NIFC TAC-3	DIVISIONS BC	168.6000 N		168.6000 N		A	
7	TACTICAL	NIFC TAC-4	UNASSIGNED	164.1375 N		164.1375 N		A	
8	TACTICAL	NIFC TAC-5	DIVISON Y	166.7250 N		166.7250 N		A	
9	TACTICAL	NIFC TAC-6	DIVISON D	166.7750 N		166.7750 N		A	
10	TACTICAL	R5 TAC-5	UNASSIGNED	167.1125 N		167.1125 N		A	
11	TACTICAL	R5 TAC-6	UNASSIGNED	168.2375 N		168.2375 N		A	
12	A/G TACTICAL	AIR/GROUND	ALL DIVISIONS	168.5375 N		168.5375 N		A	
13	AIR TO GROUND MEDICAL	CALCORD	ALL DIVISIONS	156.0750 W		156.0750 W		A	
14		AIR GUARD	ALL DIVISIONS	168.6250 N		168.6250 N	110.9	A	ZONE 1 USED FOR EMERGENCY OR INITIAL CONTACT WITH AIRCRAFT
15	AIR TO GROUND MEDICAL	CALCORD	ALL DIVISIONS	156.0750 W		156.0750 W		A	
16		AIR GUARD	ALL DIVISIONS	168.6250 N		168.6250 N	110.9	A	ZONE 1 USED FOR EMERGENCY OR INITIAL CONTACT WITH AIRCRAFT

5. Prepared by *[Signature]*
 Incident Location
 County State: Lassen CA Fire Latitude N Longitude W

The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W" depending on whether the frequency is narrow or wide band
 ICS 205 - 2007H

MEDICAL PLAN	1. Incident Name	2. Date Prepared	3. Time Prepared	4. Operational Period					
	McDonald Fire	07/30/10	1000	07/30/10 1800-0800					
5. Incident Medical Aid Station									
Medical Aid Stations		Location			Paramedics Yes No				
Frontline Medical (cell: 530-258-9155)		McDonald ICP, 855 Grasshopper Rd., Termo, CA N 40° 50.338 / W 120° 30.794			X				
6. Transportation									
AIR Resources									
Name		Address		Phone		Paramedics Yes No			
Mountain Life Flight		710 Ash St. Susanville, CA 96130		911 or 530-251-2844		RN			
Care Flight (Day/Night)		450 Edison, Reno, NV 89502		911 or 800-648-4888		RN			
Enloe FlightCare (Day/Night)		1531 Esplanade, Chico, CA 95926		911 or 530-332-6774		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					
BLM 553 (BLS medivac)		Helibase, Ravendale, CA		911 or 530-257-5575					
Ground Ambulance Services									
Name		Location			Paramedics Yes No				
Medic 73 (cell :530-859-3871)		McDonald ICP. (Incident Ambulance)			X				
Sensa Ambulance		Susanville, CA			X				
Modoc Med Center Ambulance		Alturas, CA			X				
7. Hospitals									
Name		Address		Travel Time Air Ground		Helipad Yes No		Burn Center Yes No	
Banner Lassen Medical Center		1800 Spring Ridge Dr., Susanville N 40°26.16 / W 120°37.40		20 min. 50 min.		530-252-2096 (good for med. control)		X	
Modoc Medical Center		228 McDowell, Alturas CA N 41°28.48/ W 120°32.42		20 min. 45 min.		530-233-5131		X	
Renown Medical Center. Level II		1155 Mill St.,Reno, NV N39°31.34 / W119°47.45		1 hr. 1:30 min.		775-982-2005		X	
UC Davis Level I Trauma/Burn Cntr.		2315 Stockton Blvd. Sacramento N38°33.17 / W 121°27.05		1:45 min. 6 hrs.		916- 734-3636 916- 734-3790		X	
8. Medical Emergency Procedures									
<input type="checkbox"/> Contact McDonald 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 Worksheet 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 <u>or</u> Shortness of Breath Weak or absent radial pulse Pale, cold and sweating	Alert and oriented No shortness of breath Good pulses

Medivac Sites

Identify potential medivac sites. Obtain Lat./Long. and give information to the medical unit

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.

McDonald Incident 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 backers. • WILDLIFE and COWS ON ROAD at NIGHT • Maintain driving situational awareness. • Observe speed limits • The roads in the area are open to the public
All	Fire Behavior	<ul style="list-style-type: none"> • STRONG WINDS until 0200 and POOR RH RECOVERY • 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 wind and poor RH recovery 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	Wildlife	<ul style="list-style-type: none"> • Deer and Cows on road at night

Date & Time Prepared: July 30, 2010 @ 1100 Operational Period: 7/30/2010 1800-0800
 Prepared By: Dave Kirste/SOF2, Michele Tanzi/SOF1, Rich Rubin/SOF2

CA-NOD-3688
BLM Northern California District
 Northern California Incident Management Team 1



**Today's discussion is from the
Miscellaneous Category.**

Six Minutes Home Page

Fireline Mission Analysis / Decision Making

- Define tasks based on fire assignment
- Structure strategies, tactics and objectives
- Identify potential impact of unplanned events on a fire
- Critique existing plans
- Devise contingency plans
- Question/seek information, data and ideas related to fire plan
- Cross-check information sources
- Anticipate consequences of decisions
- Use data to generate alternatives
- Gather pertinent data before making a decision, evaluate information and assess resources
- Identify alternatives and contingencies
- Provide rationale for decision