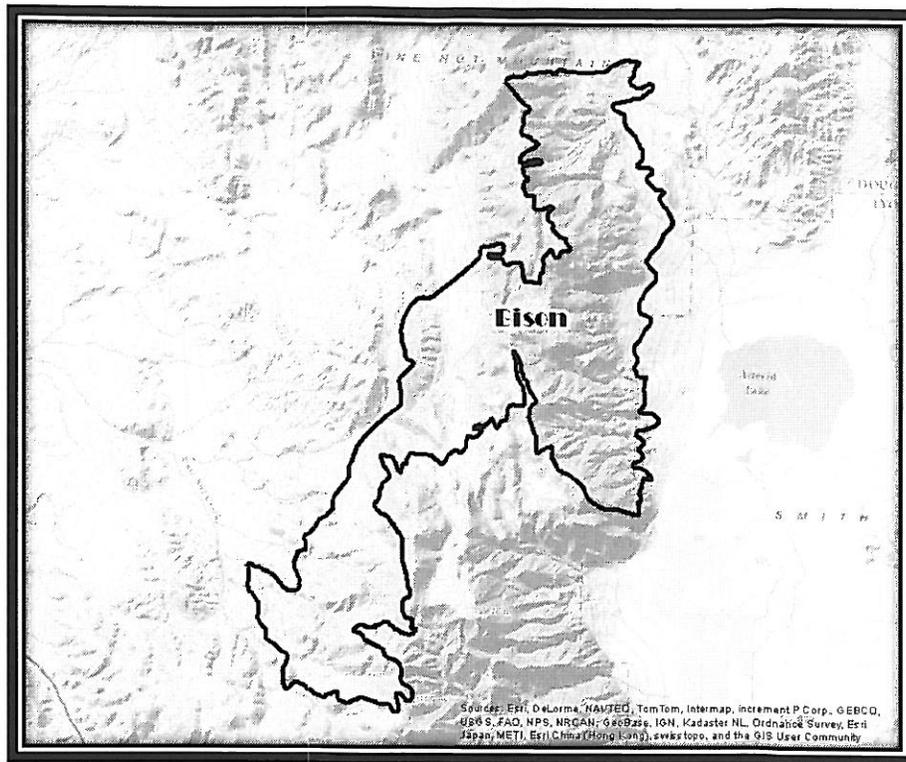


DAY SHIFT BISON



Pine Nut Mountains is a mountain range in Douglas County in the state of Nevada (NV). Pine Nut Mountains climbs to 7,375 feet (2,247.90 meters) above sea level. The name of the range comes from the Pinyon Pine trees that grow along its slopes. The trees yield edible pine nuts still picked today.

INCIDENT ACTION PLAN



**JULY 12
2013**
NV-WNA-030259

S FORMAT
DATUM NAD83
DD MM.SS

FINANCIAL CODE
PAHNV1-FS
HNV1 – BLM

Incident Objectives	1. Incident Name BISON	2. Date Prepared 07/11/13	3. Time Prepared 0708
4. Operational Period 07/12/13 Friday Day Shift 0600 - 2100			
5. General Control Objectives for the incident (include alternatives) <p>Firefighter and Public Safety is first priority. Mitigate for heat injury and exposure.</p> <p>Keep fire south of Stockyard Road, west of Upper Colony and Atesia Road, and east of Highway 395, north of Topaz Ranch Estates and Highway 208.</p> <p>Minimize fire impacts to structures in the Pine Nut Creek area (north and west of the fire).</p> <p>Minimize fire impacts to Bi-State Sage Grouse priority habitat.</p>			
6. Weather Forecast for Period See Spot Weather.			
7. General Safety Message Maintain LCES - <u>L</u> ookouts, <u>C</u> ommunications, <u>E</u> scape <u>R</u> outes and <u>S</u> afety <u>Z</u> ones. Continuously identify and minimize risks associated with your operations.			
8. Attachments (mark if attached)			
<input checked="" type="checkbox"/> Organization List - ICS 203 <input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204 <input checked="" type="checkbox"/> Communications Plan - ICS205 <input checked="" type="checkbox"/> Medical Plan - ICS 206 <input checked="" type="checkbox"/> Air Operations Summary - ICS 220	<input checked="" type="checkbox"/> Incident Map <input checked="" type="checkbox"/> Safety Message <input type="checkbox"/> Traffic Plan <input checked="" type="checkbox"/> ICS 220 <input checked="" type="checkbox"/> Fire Behavior	<input checked="" type="checkbox"/> Fire Weather <input checked="" type="checkbox"/> ICS 215a <input checked="" type="checkbox"/> Safety Message <input checked="" type="checkbox"/> Training Message <input checked="" type="checkbox"/> Maps	
9. Prepared by (Planning Section Chief) Bob Reese	10. Approved by (Incident Commander) Mike Whalen		

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. Incident Name BISON		Day	RANDY ANDERSON; MIKE FRIEND (t)
2. Date Prepared 07/11/13		3. Time Prepared 0708	Planning KEN SMIHULA; MIKE BOOMER(t)
4. Operational Period 07/12/13 Friday Day Shift 0600 - 2100		a. Branch I - DivisionS	
Position		Name	
5. Incident Commander and Staff		Branch Director	
Incident Commander	MIKE WHALEN; MARK ROSENTHAL (t)	Division/Group A	PAUL NAMAN; CARRIE THALER (t)
Deputy		Division/Group D	M. ELLSWORTH; RICKERT (T)
Safety Officer	JOE NISHIKIDA; JUSTIN BROLLIER	Division/Group E	LUCUS; ROBINSON(t)
Information Officer	DOROTHY HARVEY	Division/Group F	BEN BANISTER
Liaison Officer	BRIAN NIELSON (t)	Division/Group G	ERIC PLATZ; ERIC NOLAN (t)
6. Agency Representative		Division/Group M	CASEY JONES; JOHN PALMA (t)
Agency	Name	b. GROUPS	
BIA	GERRY EMM	Branch Director	
BLM	LEON THOMAS	Deputy	
East Fork FPD	TODD CARLINI	Division/Group REHAB	MADARIAGA, MATHEW
Lyon County	ROB LOVEBURG	Division/Group IA	WASHBURN
		Division/Group STAGING	ISAAC POWNING
		Division/Group	
		Division/Group	
7. Planning Section		c.	
Chief	BOB REESE	Branch Director	
Deputy		Deputy	
Resources Unit	SANDY GREGORY; WADE BURLESON	Division/Group	
Situation Unit	MARK BOHACH	Division/Group	
Documentation Unit		Division/Group	
Demobilization Unit	SHAWN McEVERS	Division/Group	
Fire Behavior Analyst	KEN RODGERS	Division/Group	
IMET	DANIEL HARTY	d. Air Operations Branch	
Training Specialist	ROSE HENDERSON	Air Operations Branch Director	BILL HAYES
GIS Specialist	J WATERMOLEN; A BRANT(t); B KIRK(t)	Helibase Manager	LEE STEWART
Computer Specialist	WOODY KESSLER	Air Attack Supervisor	TED MASON; JOSH FULTON (t)
Resource Advisor BLM	NIKI CUTLER	Air Support Supervisor	ERIC TAPLIN; GLEN DIETZ (t)
Resource Advisor BIA	MATT SPAULDING	Air Attack Supervisor	EVERETT WENIGER
8. Logistics Section		Air Tanker Coordinator	
Chief	JOHN HOUK	10. Finance Section	
Deputy		Chief	DARCY CROTTEAU
Supply Unit	STEVEN HOWELL	Deputy	
Facilities Unit	SCOTT RICHEY	Time Unit	SUE CATHEY
Ground Support Unit	HARRY TUGGLE	Procurement Unit	
Communications Unit	BRYAN GRANATH	Compensation/Claims Unit	
Medical Unit	C BAKER; A EISENBURG(t)	Cost Unit	CHARLES JOY
Security Unit	PETE DEANE	Prepared by (Resource Unit Leader)	
Food Unit	ZYZNIEWSKI; WOODS (t)	Sandy Gregory	

Division Assignment List	1. Branch	2. Division/Group G
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3. Incident Name BISON	4. Operational Period 07/12/13 Friday Day Shift 0600 - 2100
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5. Operations Personnel

Operations Chief	RANDY ANDERSON; MIKE FRIEND (t)	Division/Group Supervisor	ERIC PLATZ; ERIC NOLAN (t)
Plans/Operations Chief	KENNETH SMIHULA; MIKE BOOMER (t)	Air Attack Supervisor	TED MASON; JOSH FULTON (t)
Branch Director		Safety Officer	JOE NISHIKIDA; JUSTIN BROLLIER

6. Resources Assigned this Period

Strike Team/Task Force/ Resource Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time
IHC BOISE 7/20	DEON BERNER	23	N	SMITH SPIKE0600	ICP/2100
IHC SAWTOOTH 7/20	MICHAEL KRUPSKI	20	N	SMITH SPIKE0600	ICP/2100
IHC FLATHEAD 7/15	TYLER JAMES	19	N	SMITH SPIKE0600	ICP/2100
IHC SHASTA LAKE 7/14	DONOVAN LEE	20	N	SMITH SPIKE0600	ICP/2100
HC2 NDF ESCC#1 7/21	RICH BOWMAN	26	N	SMITH SPIKE0600	ICP/2100
ENG3 BLM 3335 7/13	STEPHEN LEVITT	4	N	SMITH SPIKE0600	ICP/2100
ENG4 FWS E-841 7/14	PAUL BASYE	3	N	SMITH SPIKE0600	ICP/2100
ENG6 BLM - WID - 2642 7/19	LUCA BERNARDI	1	N	SMITH SPIKE0600	ICP/2100
WTT2 - PVT ALPINE FIRE 2 7/21	GILES	2	N	SMITH SPIKE0600	ICP/2100
TFLD 7/23	LINDA FERGUSON	1	N	SMITH SPIKE0600	ICP/2100
EMTP 7/21	JEFF DAVIES			SMITH SPIKE0600	ICP/2100
EMTP 7/21	WILLIAM MORGAN	1	N	SMITH SPIKE0600	ICP/2100
SOFR (t) 7/21	ROBERT HICKOCK	1	N	SMITH SPIKE0600	ICP/2100

7. Control Operations

SECURE HANDLINE AND MOP UP TO THE DEGREE NECESSARY TO MAKE LIKELIHOOD OF ESCAPE VERY LOW, BASED ON EXPERIENCE, TERRAIN, FUEL TYPES AND CURRENT/PREDICTED WEATHER CONDITIONS. ESTABLISH TRIGGER POINTS AND NOTIFY OPERATIONS OF ANY SIGNIFICANT FIRE BEHAVIOR.

8. Special Instructions

As DIV G moves through DIV D notify DIV D from Buckeye Staging to DP20.
 Monitor primary Air to Ground frequency.
Be aware of open shaft mines; gps and flag; stay a minimum of 50 ft away from mines.
 Hydrate-maintain LCES.

9. Division/Group Communications Summary

Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command							
Tactical Div/Group			See	Commo	Plan		
Logistics							
Air to Ground							

Prepared by (Resource Unit Leader) Sandy Gregory	Approved by (Planning Section Chief) Bob Reese	Date Prepared 07/11/13	Time Prepared 0708
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Division Assignment List			1. Branch		2. Division/Group Staingina 01		
3. Incident Name BISON			4. Operational Period 07/12/13 Friday Day Shift 0600 - 2100				
5. Operations Personnel							
Operations Chief		RANDY ANDERSON; MIKE FRIEND (t)		Division/Group Supervisor		SACC POWNING	
Planning Operations		KEN SMIHULA; MIKE BOOMER (t)		Air Attack Supervisor		TED MASON; JOSH FULTON (t)	
Branch Director				Safety Officer		JOE NISHIKIDA; JUSTIN BROLLIER	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader		Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time
IHC VISTA GRANDE 7/14		JESSE ESTRADA		19	N	0600	2100
IHC HELENA 7/17		FRED LUDWIG		20	N	0600	2100
IHC KINGS RIVER 7/12		JOAQUIN R MARQUEZ		20	N	0600	2100
HC2IA PVT GRAYBACK 7A 7/18		RYAN WATKINS		20	N	0600	2100
HC2IA PVT GRAYBACK 12A 7/12		MARTIN NYSETH		19	N	0600	2100
HC2IA PVT GRAYBACK 5A 7/19		DON GABBARD		20	N	0600	2100
HC2IA PVT GRAYBACK 8B 7/17		TIMOTHY NYGREN		20	N	0600	2100
HC2IA PVT GRAYBACK 8A 7/16		RAMINO MENDOZA		20	N	0600	2100
HC2 USFS ENF AMERICORPS 7/16		KARL JON GOODWIN		22	N	0600	2100
HC2 USFS MENDOCINO 27 7/16		BRYAN BOATMAN		20	N	0600	2100
HC2 TDFD ZEPHYR NV 7/21		KEEGAN SCHAFFER		18	N	0600	2100
HC2IA PVT GFP #2 7/17		JUSTIN WOOLF		20	N	0600	2100
HC2IA PVT FIRE STORM 17 7/22		KENNETH BAILEY		20	N	0600	2100
HC2 USFS CREW 7 7/22		ANDY TOMPKINS		19	N	0600	2100
HC2 NDF INMATE PCC #2 7/17		TYSON NELSON		25	N	0600	2100
HC2 NDF INMATE ESCC#2 7/12		CHAD S MENA		21	N	0600	2100
HC2 BLM FOLSOM LAKE CREW #8 7/22		MATT LYNDE		19	N	0600	2100
HC2 BIA WNA #1 7/13		ROBIN L GRAYSHIELD		21	N	0600	2100
HC2 USFS OC26 7/17		FRANK JOHN ALVES		19	N	0600	2100
HC2 USFS OC 36 7/15		DARRELL STRUNG		21	N	0600	2100
7. Control Operations							
REFURBISH AND CHECK DEMOB SCHEDULE.							
8. Special Instructions							
Maintain IA readiness, monitor radio for deployment. Maintain LCES.							
9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command							
Tactical Div/Group			See	Commo	Plan		
Logistics							
Air to Ground							
Prepared by (Resource Unit Leader) Sandy Gregory, Tyrone Wells (t)			Approved by (Planning Section Chief) Bob Reese		Date Prepared 07/11/13		Time Prepared 0913

Division Assignment List	1. Branch	2. Division/Group Staging p2
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3. Incident Name BISON	4. Operational Period 07/12/13 Friday Day Shift 0600 - 2100
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5. Operations Personnel

Operations Chief	RANDY ANDERSON; MIKE FRIEND (t)	Division/Group Supervisor	SACC POWNING
Operations Chief	KENNETH SMIHULA; MIE BOOMER (t)	Air Attack Supervisor	
Branch Director		Safety Officer	

6. Resources Assigned this Period

Strike Team/Task Force/ Resource Designator	Leader	Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time
ENG3 ENG3 - USFS - E-3 7/22	JASON FLORES	5	N	ICP/0600	ICP/2100
ENG3 ENG3 NV SPARKS BRUSH 41	JUSTIN LANGFORD	3	N	ICP/0600	ICP/2100
ENG3 ENG3 NEVADA MSVX - 3 7/19	KEVIN MAY	2	N	ICP/0600	ICP/2100
ENG3 ENG3 NEVADA MSVX - 4 7/19	ROBIE ROSASCHI	2	N	ICP/0600	ICP/2100
ENG3 ENG3 - USFS - TNF - 341 7/21	JEB PRONTO	5	N	ICP/0600	ICP/2100
ENG3 ENG3 - USFS - TNF - 73 7/21	BRYAN ROSENOW	5	N	ICP/0600	ICP/2100
ENG4 ENG4 USFS UT E441 7/22	LISA SCHULDT	5	N	ICP/0600	ICP/2100
ENG4 ENG4 USFS UT #411 7/22	SARAH EVANS	5	N	ICP/0600	ICP/2100
ENG3 ENG3 UT UFA 302 7/22	PAUL STORY	3	N	ICP/0600	ICP/2100
ENG3 ENG3 BLM E-3230 7/15	JEREMY MCMAHAN	5	N	ICP/0600	ICP/2100
ENG3 ENG3 - USFS - LNF 84 7/15	PETER ENGLISH	5	N	ICP/0600	ICP/2100
WTT2 WTT2 -UT PIERCE FIRE 7/18	M LAWRENCE	2	N	ICP/0600	ICP/2100
WTS2 WTS2 PVT JOHN RYAN 7/22	BUD MARTIN	1	N	ICP/0600	ICP/2100
WTS2 PVT WATER SUPP 2	K BAKER	1	N	ICP/0600	ICP/2100
WT2 CNTY STOX 71 7/18	PETER WOBBE	1	N	ICP/0600	ICP/2100
WTT1 NV CARSON WATER 259	CHARLES NOFTSKER	1	N	ICP/0600	ICP/2100
WTT1 PVT SILVER STATE 2 7/18		2	N	ICP/0600	ICP/2100

7. Control Operations

REFURBISH AND CHECK DEMOB SCHEDULE.

8. Special Instructions

9. Division/Group Communications Summary

Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command							
Tactical Div/Group							
Logistics							
Air to Ground							

Prepared by (Resource Unit Leader) SANDY GREGORY	Approved by (Planning Section Chief) BOB REESE	Date Prepared 07/11/13	Time Prepared 1712
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Air Operations Summary

Prepared by
Bill Hayes

Date Prepared
07/11/13

Time Prepared
2000

1. Incident Name

BISON

2. Operational Period
07/12/13

Friday

Day Shift 0600 - 2100

Sunrise

0544

Sunset

2026

3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.):

4. MEDEVAC AIRCRAFT:

5. TFR:

1. Temporary Tower at Minden (Tower Frequency: 125.225).
2. Please monitor A/G Primary unless directed by ATGS to switch to Secondary.

2HP or available aircraft, also see med plan.

FDC 3/1550
From: 39°04'20"N 119°32'28"W
To: 39°05'22"N 119°19'38"W
To: 38°49'37"N 119°25'01"W
To: 38°48'55"N 119°34'32"W
Altitude: From the surface up to and including 12000 feet MSL
Frequency 123.175

6. PERSONNEL	Phone #	7. FREQUENCY	AM RX/TX	FM RX/TX	8. FIXED-WING	# Avail/Type/Make-Model/FAA#/Base(s)
AOBD Bill Hayes	435-621-3061	A/A Primary	123.1750		Heavy Air Tankers	Order thru ATGS or OPS
ASGS Eric Taplin	208-634-9425	A/A Secondary	132.0250			
ASGS (t) Glenn Dietz	530-227-0017	A/G Primary		166.7500	Leadplanes Base FAX#:	Order thru ATGS or OPS
HEB1 Lee Stewart	775-220-6364	A/G Secondary		168.5375		
ATGS Ted Mason	208-921-3425	Deck Bison HB		163.100	SEATS	828, 871, 894, 893, 883, RON Stead, reload Minden
ATGS (t) Josh Fulton	702-218-8502				ATGS Platforms	6619V, 27LK, Carson Airport

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
206SG	3	Bell L-4	Bison HB	0800	0830	A-64							
2HP	3	Bell L-4	Bison HB	0800	0830	A-49							
490SA	2	Bell 205++	Bison HB	0800	0830	516 A-7							
73HJ	2	Bell 212HP	Bison HB	0800	0830	Lucky Peak A-29							
610WW	2	Bell 210	Bison HB	0800	0830	506 A-30							
218AC	1	S-64	Bison HB	0800	0830	HT 741 A-3							
190CH	1	BV-107	Bison HB	0800	0830	A-37							

ICS 220

Final

Air Operations Summary

Prepared by
Bill Hayes

Date Prepared
07/11/13

Time Prepared
2000

1. Incident Name

BISON

2. Operational Period

07/12/13 Friday Day Shift 0600 - 2100

Sunrise

0544

Sunset

2026

9. HELICOPTERS (Continued)

FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS

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 applicable) OR INSTRUCTIONS FOR TACTICAL AIRCRAFT	MISSION START	FLY FROM	FLY TO
Recon	Recon with DIV/OPS as requested	TBA	HLB	Fire
Cargo Delivery	Upon request	TBA	HLB	Fire
Water Delivery	Upo request	TBA	HLB	Fire
Water Tanders	E-102 Bison HB, E-53 Dip site			
Helibase Trailers	E-18 Bison HB			
Crash Rescue	E-37 Bison HB			
Mobile Retardant Plant Reload	A-14			
FAA Tower	A-58			



INCIDENT Weather Forecast



FORECAST NO: 9

NAME OF FIRE: Bison Fire

PREDICTION FOR: Day SHIFT

UNIT: BIA

SHIFT DATE: 7/12/13
0600 - 1800 PDT

SIGNED: Dan Harty *Dan Harty*

Incident Meteorologist

TIME AND DATE

FORECAST ISSUED: 2000 PDT 7/11/13

WEATHER DISCUSSION: A dry southwesterly flow aloft over the fire area will push the subtropical moisture over eastern Nevada today. Mostly clear skies will prevail through the weekend with a slight warming trend...bringing temperatures to a little above normal. Already low relative humidity will lower slightly more with poor overnight recovery. Breezy westerly winds will develop each afternoon with typical gusts for this area of 25-30 mph.

WEATHER FORECAST for FRIDAY:

WEATHER: Sunny.

MAX TEMPERATURES: 73-77 mid slope and ridge tops...83-87 lower elevations.

MIN HUMIDITY: 8-15 percent.

20 FT WINDS:

SLOPE/VALLEY - Upslope 3-7 mph in the morning becoming southwest to west 15-20 mph with gusts to around 30 mph after 1 pm.

RIDGETOP - Southwest to west 10 mph with gusts to around 20 mph in the morning...increasing to 15-20 mph with gusts up to 35 mph after 1 pm.

HAINES INDEX: 5

FRIDAY NIGHT: Clear. Lower elevations southwest to west winds 15-20 mph with gusts to 30 mph in the evening...becoming downslope 2-5 mph after 10 pm. Ridgetop winds southwest to west 15-20 mph with gusts up to 35 mph in the evening...decreasing to around 10 mph with gusts around 20 mph after midnight. Minimum temperatures 55-62. Poor humidity recoveries of 20-30 percent.

OUTLOOK FOR SATURDAY THROUGH MONDAY: Mostly sunny. Trending slightly warmer with continued low relative humidity and poor overnight recovery. Light morning winds becoming westerly with gusts 20-25 mph in the afternoons and evenings.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 10	TYPE OF FIRE: Wildland Fire
FIRE NAME: Bison	OPERATIONAL PERIOD: Day Shift, July 12, 2013
DATE ISSUED: July 11, 2013	TIME ISSUED: 2000
UNIT: BIA / Multi	SIGNED: /s/ Ken Rodgers FBAN 

INPUTS

WEATHER SUMMARY:

Continuation of hot, dry and unstable conditions with breezy afternoon winds, Haines Index 5

See attached Fire Weather Forecast.

OUTPUTS

FIRE BEHAVIOR

GENERAL:

Low to minimal activity is anticipated within the fire perimeter. Limited smoldering, surface burning and burnout of fuels in interior islands are possible in pinyon-juniper and brush patches where active burning last occurred on the fire. The potential still exists for isolated torching that can result in spotting outside the current perimeter. Re-ignition could result in fire movement influenced by terrain, fuels along with hot, dry and windy weather conditions. Should the fire escape the perimeter, then active, intense burning and rapid spread are possible in all fuel types. Burning intensity has subsided around sundown, but has continued into the night because of dry fuels and poor humidity recovery on ridges and slopes.

SPECIFIC:

Division A & M: Minimal activity is expected in these divisions. Isolated hot spots and stump holes are likely along the perimeter and within the interior of the burn.

Division D: This division could experience minimal to low activity depending on heat remaining from past burn days. Smoldering, hot spots and flare-ups are possible along the perimeter and within the interior along drainage bottoms and unburned/dirty burn islands.

Division E & G: These divisions could experience minimal to low activity depending on heat remaining from recent burning prior to containment. Smoldering, hot spots and flare-ups are likely along the perimeter and within the interior along drainage bottoms and unburned/dirty burn islands.

If the fire escapes containment on Division G it is likely to move south and downslope into Pipeline Canyon. Upslope and northerly movement on Division E is likely should the fire escape containment here.

Division F: Minimal activity is expected in this division. Isolated hot spots and stump holes are likely along the perimeter and within the interior of the burn.

Initial Attack Actions: Potential for intense burning and rapid spread on new starts in all fuel types in the response area.

AIR OPERATIONS:

Visibility for air operations should be good. Turbulence can be expected with afternoon winds over the fire and dipsites. Elevation and high air temperatures can limit aircraft performance. Blowing dust, ash and dust devils are likely with afternoon winds.

SAFETY

Local Thresholds – Watch Outs

20' wind speeds greater than 15 mph, RH below 10%, Temps >90, Woody Fuel Moisture <120

Forecasted ERC is 88, below the 90th percentile and trending steady

IRAWS-23 at Rawe Peak 163.350 tx/rx DTML 0023

Incident Radio Communications Plan	1. Incident Name BISON	2. Operational Period 07/12/13 Friday Day Shift 0600 - 2100
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3. Basic Radio Channel Utilization						
Radio Type	Channel	Function	Frequency/Tone		Assignment	Remarks
NIFC	1	Tactical	RX 168.0500N	TX 168.0500N	Division A	
			N/A			
NIFC	2	Tactical	RX 168.2000N	TX 168.2000N	Division G	
			N/A			
NIFC	3	Tactical	RX 168.6000N	TX 168.6000N	Division M	
			N/A			
NIFC	4	Tactical	RX 166.7250N	TX 166.7250N	Division E	
			N/A			
NIFC	5	Tactical	RX 166.7750N	TX 166.7750N	Division D	
			N/A			
NIFC	6	Tactical	RX 168.2500N	TX 168.2500N	Division F	
			N/A			
NIFC	7	Tactical	RX 166.6750N	TX 166.6750N	Div IA and Staging	
			N/A			
NIFC	8	Tactical	RX 169.1500N	TX 169.1500N	Safety/Med	
			N/A			
NIFC	9	Air/Grn 21	RX 166.7500N	TX 166.7500N	All Divisions	Primary
			N/A			
NIFC	10	AIR/GN 39	RX 168.5375N	TX 168.5375N	All Divisions	Secondary
			N/A			
NIFC	11	NIFC CMD 3	RX 168.0750N	TX 170.4250N	All Divisions	
			131.8			
NIFC	12	NIFC CMD 10	RX 170.4125N	TX 165.9625N	All Divisions	
			100.0			
NIFC	13	NIFC CMD 26	RX 163.3375N	TX 171.7500N	SMITH VLY	
			131.8			
NIFC	14	NIFC CM 27	RX 166.2750N	TX 169.6500N	All Divisions	
			131.8			
NIFC	15	HTF HAWKNS	RX 169.8750N	TX 170.4750N	All Divisions	
			131.8			
NIFC	16	AIR GUARD	RX 168.6250N	TX 168.6250N	All Divisions	
			N/A			

4. Prepared by (Communications Unit) Bryan Granath	5. Date Prepared 07/11/13	6. Time Prepared 1935
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HEALTH AND SAFETY MESSAGE

SAFETY starts with YOU

Fire fighter safety comes first on every fire, every time

INCIDENT: Bison Fire	DATE: 7-12-2013	OPER. PERIOD: DAY
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Major Hazards and Risks:

1. **Driving**

2. **Line Rehab**

3. **Complacency**

Fire Order of the Day – Recognize current weather conditions and obtain forecasts

Driving – Drive with lights on. Maintain safe driving speeds. Wear seat belts. Wash Windows. With limited visibility increase vehicle spacing.

Line Rehab – Maintain spacing. Call out rolling rocks. Avoid working above fellow crew mates. Maintain proper distance from heavy equipment.

Complacency – Although the fire is slowing down, and rehab and demob are taking place, remain vigilant. Many accidents occur during this phase of the fire.

Watch Out Situation of the Day



Remember:
If it doesn't feel right-
It probably isn't.

Consider Each Step

Slips, trips, and falls, hazard trees and other terrain accident rates take a dramatic increase during rainy and windy weather.

- Look for other ways over and around obstacles.
- Look up, down, and around for hazard trees.
- Watch your footing on rocks or in the burn.
- Maintain adequate spacing. Consider the consequences if you were to fall, especially when portaging a canoe.
- Heed that inner-voice that so often anticipates accidents.
- Keep yourself warm and dry.
- Drink lots of water.
- Pace yourself and know your limitations.

Be nice to your body now.
For you may live long and you will need it!

Incident Safety Officer: Joe Nishkida, Justin Brollier
Josh Tibbetts(t)

Line Safety: Scot Johnson, Chris Graves(t),
Rob Hickok

INCIDENT RISK ANALYSIS (215a 07-12-2013)

Div	Hazardous Actions or Mitigations	Mitigations /Warnings/Remedies ** Denotes Common Denominator of Tragedy Fires
ALL	Situational Awareness	<ul style="list-style-type: none"> • LCES • Review weather conditions • Review fire activity in relation to fuels, topography, aspect, slope and weather • Establish, maintain and reevaluate all anchor points • Establish decision points to implement change or alter actions • For extreme conditions and weather, establish alternatives (time tag critical situations)
ALL	Spotting Torching	<ul style="list-style-type: none"> • Watch for smoldering fires picking up over large areas, trees crowning inside fire line; sustained rate of spread, well-developed convection column, and hot/dry weather • Patrol for spots especially after torching • Post lookouts • Grid green areas
ALL	RH<25%, Drought Temps >85F Direct Sun Dead / dying Fuels Fuel Loads >10T/Ac Winds>10MPH**	<ul style="list-style-type: none"> • Watch potential for torching, spotting, re-burn, and erratic, extreme fire behavior • Staff dedicated lookouts at pre-identified vantage points • Take hourly weather observations over command frequency • Establish effective radio repeaters to reach all divisions. Confirm radio frequencies • Consider vegetation and terrain and flag and time multiple escape routes and Improve/construct safety zones
ALL	Communication	<ul style="list-style-type: none"> • Verify effective radio repeaters to reach all divisions. • Confirm radio frequencies (look at 205) • Warn incoming ground forces of possible gaps in the repeater as well as ComUL • Review alternatives for emergency radio traffic (air tactical if necessary) • Use human repeaters
ALL	Dehydration Heat Stress Crew Fatigue (Heat induced)	<ul style="list-style-type: none"> • Drink plenty of fluids (1 qt/hr); • Ensure adequate replacement water supplies • Discourage use of undiluted energy drinks • Pace work; allow frequent periods of rest in shade, if possible • Limit shift lengths • Acclimate to extreme heat; schedule hardest work during cooler hours of the day • Monitor fitness of crews for assignments • Focus on crews when productivity becomes reduced.
ALL	Slopes>50% Rolling Rocks	<ul style="list-style-type: none"> • Identify chimneys, gullies, and/or steep slopes in work area • Post lookouts, issue warnings • Improve/construct, flag/time escape routes and safety zones • Identify, flag, avoid rock hazards • Keep crews from below known hazard areas • Wear proper and good condition fire boots to avoid slips and falls. • Identify safe routes and maintain 10 feet spacing • Make sure you go slowly and watch your step • Always carry tools on the downhill side.
ALL	Chain Saw Operations	<ul style="list-style-type: none"> • <u>Use chain guards when transporting saws. DO NOT drop start saws!</u> • Only employees who are trained and certified will operate chain saws under any conditions. • No employee shall approach a felling operation closer than 3 tree lengths of the tree being felled. • Low speed saw injuries may indicate inattention (possibly due to dehydration) • Use swampers, watch spacing, and wear all PPE. • Review saw accidents to determine if it is a result of fatigue /dehydration
G	Air Ops	<ul style="list-style-type: none"> • SA on retardant drops when requested (tankers and Helicopter) • Maintain radio contact with air assets to ensure clear drop areas • Give feedback to air assets and line crew's
ALL	Mine Shafts	<ul style="list-style-type: none"> • Warn ground forces, scout work areas, flag any that are found and inform others. • Use yellow/black striped flagging for hazards and other colors with writing describing its purpose
ALL	Rehabilitation	<ul style="list-style-type: none"> • Use tools effectively • Warn crews to pull brush straight and not twist their backs, wear eye protection, and watch spacing. • Use tool with appropriate PPE (Helmet, goggles, gloves and chaps if using a chain saw. • Review isolation and especially following (rolling debris) when working around excavator. • Review approach procedures (eye contact) around excavator and dozers.

Incident Communication Center Protocol Standard Elements

COML/designee will ensure the following information is obtained and recorded during medical emergencies:

For medical emergencies en route to fire, or on the line:

1. Determine the nature/severity of the emergency.
2. If the medical emergency is severe, request that command be cleared for emergency traffic.
3. Contact Operations, Air Operations, Safety Officer, and Medical Unit Leader.
4. Identify on scene Point of Contact by resource and last name (i.e. contact is TFLD Smith).
5. Identify on scene medical personnel by position and last name (i.e. EMT Jones).
6. Determine:
 - A. Nature of incident
 - B. Number injured/ill
 - C. Location (geographic and GPS Coordinates)
 - D. Method of transport
7. Record patient assessments.
8. Assist making contact to appropriate dispatch centers with Medical Unit Leader.
9. Determine if any additional resources and/or equipment are needed.
10. Document all information received and transmitted on the radio or phone.
11. Document any changes in Point of Contact and medical personnel as they occur.
12. Do not transmit the patient's name on the radio.

For medical emergencies in camp/off-site:

1. Determine the nature/severity of the emergency.
2. If the medical emergency is severe, request that command be cleared for emergency traffic.
3. Contact Safety Officer and Medical Unit Leader.
4. Identify on scene medical personnel by position and last name (i.e. EMT Jones).
5. Determine:
 - E. Nature of incident
 - F. Number injured/ill
 - G. Location in camp
 - H. Method of transport
6. Record patient assessments.
7. Assist making contact to appropriate dispatch centers with Medical Unit Leader.
8. Determine if any additional resources and/or equipment are needed.
9. Document all information received and transmitted on the radio or phone.
10. Document any changes in Point of Contact and medical personnel as they occur.
11. Do not transmit the patient's name on the radio.

Prepared by (Medical Unit Leader)
Curtis Baker/ Andy Isenberg

Reviewed by (Safety Officer)
Joe Nashikida/ Justin Broilier

MEDICAL PLAN	1. Incident Name Bison Fire	2. Date Prepared July 12, 2013	3. Time Prepared 1300	4. Operational Period 0600-2100							
	5. Incident Medical Aid Station										
Medical Aid Stations		Location		Paramedics Yes No							
Bison Fire ICP		ICP (N 38°54.34 W 119°40.62)		X							
6. Transportation											
A. Ambulance Services											
Name		Address		Phone		Paramedics Yes No					
EFFPD		Gardnerville, NV		775-782-9735		X					
REMSA AIR (Care Flight)		Reno, NV, Truckee, CA, Gardnerville, NV		775-782-9735		X					
Cal Star (Air Ambulance)		South Lake Tahoe		775-782-9735		X					
Smith Valley VFD		1 Hardie Ln, Smith Valley, NV		775-465-2577		x					
B. Incident Ambulances											
7. Hospitals											
Name		Address		Travel Time Air Ground		Phone		Helipad Yes No		Burn Center Yes No	
CVMC		1107 Hwy 395, Gardnerville NV (N 38°55.15 W 119°43.12)		10 15		775-782-1600		x		x	
CTRMC		1600 Medical Pky, Carson City NV (N 39°12.12 W 119° 47.03)		20 40		775-886-6966		x		x	
Renown (Trauma)		1155 Mill St. Reno, NV (N 39° 31.50 W 119° 47.65)		30 60		775-982-2005		x		x	
UC Davis		Sacramento, CA (N 38° 33.12 W 121° 27.32)		60 3hr		916-734-2011		x		X	
South Lyon		213 Whitacre Ln, Yerington, NV (N 38° 59.07 W 119° 10.07)		10 30		775-463-2303		X		x	
8. Medical Emergency Procedures											
<p>All engines & crews identify EMT qualified personnel, and carry first aid kits on the line. If a serious medical emergency/accident occurs, notify supervisor, & DIVS, & request the nearest EMT. DIVS will take scene control, assign a point of contact, and notify communications of a medical emergency on command net. Communications will clear all other radio traffic, notify medical unit and safety. Advise communications of nature and extent of injuries, exact location, & nearest drop point or helispot. DIVS or EMT will advise communications of equipment needs. MEDL will coordinate evacuation. If air evacuation is needed, advise immediately of landing area, latitude/longitude and patient weight. Ground transportation or air ambulance will be determined on the type of medical emergency. DO NOT GIVE OUT NAMES OVER RADIO.</p> <p>For Incident within Incident utilize channel NIFC Tac 8 RX: 169.1500</p>											
Prepared by (Medical Unit Leader) Curtis Baker / Andy Isenberg						10. Reviewed by (Safety Officer) Joe Nishikida / Justin Brollier					

Medical – 9 Line Information

Line	Information	Notes
1	Level of Severity	Triage page 48, IRPG - 2011
<input type="checkbox"/>	RED – (Airway obstruction, Difficulty Breathing, Major blood loss, Cardiac Chest pain, Crush injury to the chest, Penetrating object, Open fracture, 2° or 3° burn more than 4 palms)	Code 3 ALS ambulance or Medivac Helicopter Medical radio traffic has priority Emergency radio traffic restricted to: On Site Medical, Division Supervisor or On Scene IC
<input type="checkbox"/>	YELLOW – (Closed fracture, Significant trauma, Lacerations and bleeding no controlled by pressure, Not able to walk, 2° or 3° burn, no more than 1 or 2 palm size)	Ambulance or consider air transport if at remote location Medical radio traffic may have priority as above
<input type="checkbox"/>	GREEN – (Small area abrasions or lacerations, bleeding controlled by pressure, Minor sprain, General sickness)	Ground transport via crew, ground support, field medic or consider air if at remote location Fire radio traffic unchanged
2	Patient Assessment/ Injuries & Treatment	Assessment Page 42, IRPG 2011 Treatment Page 41, 43-47
	Patient # 1 _____ _____ _____	<ul style="list-style-type: none"> • Level of Consciousness • Breathing Rate • Pulse Rate • Skin Condition
	Patient # 2 _____ _____ _____	Injury Bleeding Heat Fracture Burns Head injury Bee Stings Eye Injury
3	Patient Location	Drop Point, Staging area, Division, Spike Camp, Line Area or GPS
	Lat: _____ Long: _____	Set GPS to WGS 84 Use Degrees, Minutes, tenth of Minutes (00°00.00' – 000° .00.00')
4	Special Equipment Needs:	Hoist, SKED, Backboard, Litter, Rope Rescue, Trauma Bag Oxygen, IV Fluids
5	On Scene Medic IC: Whalen	Crew Medic, Field Medic Who is the IC on this incident?
6	AIR GUARD – TX 168.625 / RX 168.625 Command – TX 165.9625N/ RX 170.4125N (NIFC CMD 10) Tactical – TX 169.1500N/ RX 169.1500N (NIFC TAC 8)	What Frequency or channel will the incident be run on?
7	LZ Location / GPS	LZ Area Selection Pages 57, IRPG
	Lat: _____ Long: _____	Set GPS to WGS 84 Use Degrees, Minutes, tenth of Minutes (00°00.00' – 000° .00.00')
	Ground Contact:	
8	LZ Special Hazards	Trees, Power lines, wind direction, slope
9	Patient Affiliation	Agency, Contractor, Military

July 9, 2013

Rehab standards on BIA Tribal/Trust properties.

4.5

When suppression action is taken, rehabilitation is appropriate. The most effective rehabilitation measure is prevention of impact through careful planning and the use of minimum impact suppression tactics.

Rehabilitation will be initiated by the Incident Commander or the Natural Resource Officer. Rehabilitation will be directed toward minimizing or eliminating the effects of the suppression effort and reducing the potential hazards caused by the fire:

1. Backfill control lines, scarify, and seed with native species.
2. Install water bars and construct drain dips on control lines to prevent erosion.
3. Install check dams to reduce erosion potential in drainages.
4. ~~Flush cut stumps and camouflage with soil and/or moss.~~
5. Place cut vegetative materials in random positions.
6. Position felled and bucked material so as to be least noticeable to visitors, and camouflage where possible.
7. ~~Restore natural ground contours.~~
8. Remove all flagging, equipment, and litter.
9. Completely restore recreation sites and improved helispots.
10. Consider and plan more extensive rehabilitation or revegetation to restore sensitive impacted areas..

Every effort should be made to avoid further damage of cultural/historic sites, during rehab.

FIRELINE REPAIRS
(Red Rock Fire 7/3/13)

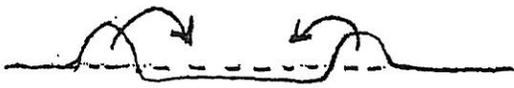
PURPOSE: Treat damages to resources and improvements caused by incident management actions.

Dozer Line

Objective: Restore ground surface to natural shape and contour.

Action: Return all fill, berms, and piles of dirt and rocks to where it was cut from.

Examples:



Notes:

- Use dozers or excavators with enough power to put large boulders back uphill.
- Even if more vegetation has to be disturbed, the priority is to obliterate the cuts and fills and smooth the ground back over. Plants will grow back in much less time than it takes for the cuts, piles, and berms to disappear.
- Water bar slopes to channel water off of the road beds and dozer lines.

Gradient	Spacing Between Water Bars
1%-9%	100 feet
10%-19%	75 feet
20%-39%	50 feet
>40%	25 feet

- Pull back available loose vegetation over bare ground.
- Consult Resource Advisor with questions, problems, or comments.

Dozer Lines which Parallel Roads

Objective: Reclaim dozer line while maintaining the former road bed width.

Action: Return all fill, berms, and piles of dirt and rocks to where it was cut from. Scatter dead trees, dead shrubs or rocks on the reclaimed area when available.

Hand Line

Objective: Prevent water from channeling down the line and eroding soil.

Action: Break through berms or build waterbars wherever needed so water does not flow any farther than 20 feet along the remaining fireline.

Fence Damage

Report to Resource Advisor or Field Observers all places where fences and other improvements have been damaged by fire or incident activities.

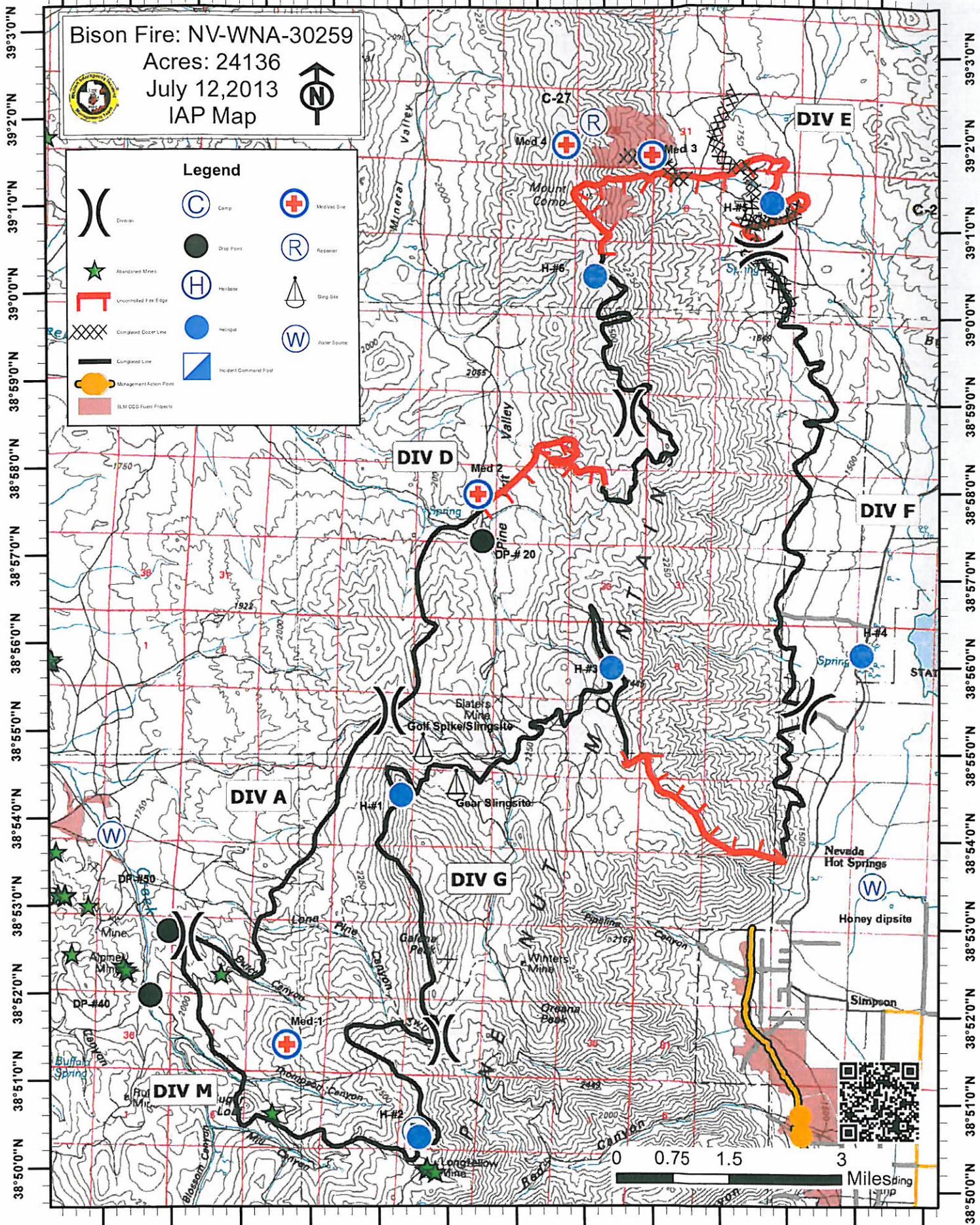
119°36'0"W 119°34'0"W 119°32'0"W 119°30'0"W 119°28'0"W 119°26'0"W 119°24'0"W

Bison Fire: NV-WNA-30259
Acres: 24136
July 12, 2013
IAP Map



Legend

Division	Camp	Medevac Site
Abandoned Mines	Drip Point	Responder
Uncontrolled Fire Edge	Helibase	Slingsite
Completed Dozer Line	Helipad	Water Source
Completed Line	Incident Command Post	
Management Action Point		
ILM OGD Fuel Projects		



39°3'0"N
39°2'0"N
39°1'0"N
39°0'0"N
38°59'0"N
38°58'0"N
38°57'0"N
38°56'0"N
38°55'0"N
38°54'0"N
38°53'0"N
38°52'0"N
38°51'0"N
38°50'0"N

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119°34'0"W 119°32'0"W 119°30'0"W 119°28'0"W 119°26'0"W 119°24'0"W

**Bison Fire
NV-WNA-30259
Transportation**

