

# RED SHALE

## Incident Action Plan

8/1-3/2013

Thursday - Saturday



**P1HRP6**

47.80392 N / 113.0095 W

<b>1. Incident Name</b>		<b>Red Shale</b>	
<b>2. Date</b>		<b>3. Time</b>	
7/31/2013		1800	
<b>4. Operational Period</b>			
<b>0700-1930</b>			
<b>Position</b>		<b>Name</b>	
<b>5. Incident Commander and Command Staff</b>			
<b>Incident Commander</b>		Kyle Inabnit	
<b>Deputy</b>		Bob Culbreth (†)	
<b>Safety Officer</b>			
<b>Information Officer</b>		Asano Otsu/ Kelsey McCartney (†)	
<b>Liaison Officer</b>			
<b>6. Agency Representative</b>			
<b>Agency</b>		<b>Name</b>	
USFS		Mike Munoz	
<b>7. Planning/Intelligence Section</b>			
<b>Plans/Intel Chief</b>		Clint Kolarich	
<b>Deputy</b>			
<b>Resources Unit</b>			
<b>Situation Unit</b>			
<b>Documentation Unit</b>			
<b>Demobilization Unit</b>			
<b>Technical Specialists</b>			
<b>Human Resources</b>			
<b>Training</b>			
<b>GIS</b>			
<b>READ</b>		Craig Lang	
<b>READ</b>		Ian Bardwell	
<b>8. Logistics Section</b>			
<b>Logistics Chief</b>		Jim Spinder	
<b>Deputy</b>		Jim Forrest	
<b>Supply Unit</b>			
<b>Facilities Unit</b>			
<b>Ground Support Unit</b>			
<b>Communications Unit</b>			
<b>Medical Unit</b>			
<b>Food Unit</b>			

<b>14S 203</b>		<b>Operations Section</b>	
<b>Op's Chief</b>		Jeff Sherer	
<b>Deputy</b>			
<b>a. Branch I</b>			
<b>Branch Director</b>			
<b>Deputy</b>			
<b>Division/Group</b>			
<b>Division/Group</b>			
<b>Division/Group</b>			
<b>Division/Group</b>			
<b>Division/Group</b>			
<b>Staging Area</b>			
<b>b. Branch II</b>			
<b>Branch Director</b>			
<b>Deputy</b>			
<b>Division/Group</b>			
<b>Division/Group</b>			
<b>Division/Group</b>			
<b>Division/Group</b>			
<b>Division/Group</b>			
<b>Staging Area</b>			
<b>c. Branch III</b>			
<b>Branch Director</b>			
<b>Deputy</b>			
<b>Division/Group</b>			
<b>Division/Group</b>			
<b>Division/Group</b>			
<b>Division/Group</b>			
<b>Division/Group</b>			
<b>Staging Area</b>			
<b>d. Air Operations Branch</b>			
<b>Air Operations Branch Director</b>		Josh Ingle	
<b>Air Tactical Supervisor</b>			
<b>Air Support Supervisor</b>			
<b>Helicopter Coordinator</b>			
<b>Air Tanker Coordinator</b>			
<b>10. Finance/Administration Section</b>			
<b>Finance/Admin. Chief</b>		Lily Husky	
<b>Deputy</b>			
<b>Time Unit</b>			
<b>Procurement Unit</b>			
<b>Compensation/Claims Unit</b>			
<b>Cost Unit</b>			

<b>INCIDENT OBJECTIVES</b>	1. Incident Name RED SHALE	Date 8/1/2013	3. Time 0700									
4. Operational Period												
5. General Control Objectives for the Incident (include alternatives) <ol style="list-style-type: none"> <li>1. Ensure safe operations for all public and incident personnel, including firefighter and aviation resources.</li> <li>2. Protect values at risk; Historic and Administrative cabins, trail structures, etc..</li> <li>3. Allow fire to play a natural role in the Wilderness.</li> <li>4. Keep fire within the Bob Marshall Wilderness Complex, on National Forest Lands.</li> <li>5. Ensure strict adherence to the Northern Continental Divide Ecosystem (NCDE) food storage order.</li> </ol>												
6. Weather Forecast for Period See Spot Weather Forecast												
7. General Safety Message  <b>Provide for firefighter and public safety: Fire personnel safety and the protection of human life is the highest priority followed by the protection of cultural resources and structures.</b>  All strategic and tactical decisions will be based on sound risk management principles.  Primary risk factors for this incident include remote and isolated work areas increasing the complexity for a functioning communication system and exposure to aviation operations.  See attached Six Minutes for Safety for addition safety topics.												
8. Attachments (mark if attached) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;"><input checked="" type="checkbox"/> Organization List - ICS 203</td> <td style="width: 33%;"><input checked="" type="checkbox"/> Medical Plan - ICS 206</td> <td style="width: 33%;"><input checked="" type="checkbox"/> (Other) Safety Message</td> </tr> <tr> <td><input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204</td> <td><input checked="" type="checkbox"/> Incident Map</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/> Communications Plan - ICS 205</td> <td><input type="checkbox"/> Traffic Plan</td> <td><input type="checkbox"/></td> </tr> </table>				<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> (Other) Safety Message	<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input type="checkbox"/>	<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input type="checkbox"/> Traffic Plan	<input type="checkbox"/>
<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> (Other) Safety Message										
<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input type="checkbox"/>										
<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input type="checkbox"/> Traffic Plan	<input type="checkbox"/>										
9. Prepared by (Clint R. Kolarich)		10. Approved by (Incident Commander)										



<b>INCIDENT RADIO COMMUNICATIONS PLAN</b>	1. Incident Name Red Shale	2. Date/Time Prepared 7/31/2013	3. Operational Period Date/Time 8/1/2013 0700-1930
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**4. Base Radio Channel Utilization**

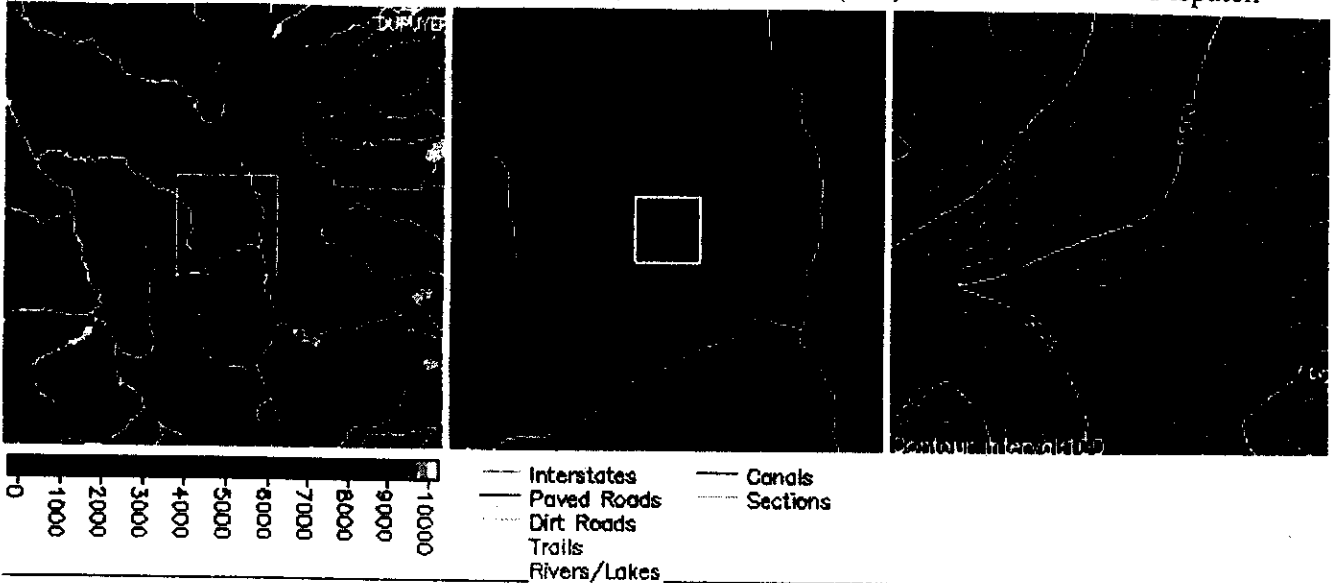
Radio Type/Cache	Channel	Function	Frequency/Tone	Assignment	Remarks
King NIFC	5	Command	RX 171.700 TX 164.200 Tone 131.8	All divisions	Renshaw (Forest Net)
King NIFC	3	Command	RX 171.700 TX 164.200 Tone 114.8	Alt Repeater	MT Wright (Forest Net)
King NIFC	1	Forest Direct	RX 171.700 TX 171.700	Forest	Rocky MTN Simplex
King NIFC	9	Tactical	RX 167.1125 TX 167.1125	All Divisions	R1 Tac
King NIFC	7	Tactical	RX 168.6125 TX 168.6125	Alternate Tac	Common Use 1/ Initial Attack
King NIFC	8	Tactical	RX 163.7125 TX 163.7125	Alternate Tac	Common Use 2
King NIFC	14	Air - Ground	RX 167.4250 TX 167.4250	All air to ground communications	A/G 13 LCF
King NIFC	15	Air-Ground ALT	RX 167.9875 TX 167.9875	Alternate Air to Ground	A/G 17 HLN
King NIFC	13	Life Flight	RX 155.3400 TX 155.3400	Life Flight	Tan (Life Flight)
King NIFC	16	Air Guard	RX 168.6250 TX 168.6250	Air Guard	

5. Prepared by (Communications Unit)  
Bob Culbreth

# Red Shale (WILDFIRE) (Requested: 445 MDT 8/2/13)

Forecast complete at 518 MDT 8/2/13

Requested by: Lewis and Clark NF Phone:(406) 731-5300 FAX:(406) 731-5301 Contact:Dispatch



**Location:** Legal: Lat/Lon:47.80333/113.01 Quad:Three Sisters  
Calculated:( 47.80333°N 113.01°W) (THREE SISTERS MT)

Elevation:6200 Drainage:unknown Aspect:East Size:8631

Fuel Type:Timber (Partially Sheltered)

## Observations:

Place Elev Time Wind Temp Wetbulb RH Dewpt Remarks

### Requested Parameters Remarks

XXX Clouds/Weather  
XXX Chance of Wetting Rain  
XXX Temperature  
XXX Relative Humidity  
XXX 20 Foot Wind  
XXX Ridge Top Wind  
XXX Smoke Dispersion

## FORECAST:

IF CONDITIONS BECOME UNREPRESENTATIVE,  
CONTACT THE NATIONAL WEATHER SERVICE.

SPOT FORECAST FOR RED SHALE...LEWIS AND CLARK NF  
NATIONAL WEATHER SERVICE GREAT FALLS MT  
518 AM MDT FRI AUG 2 2013

FORECAST IS BASED ON REQUEST TIME OF 0445 MDT ON AUGUST 02.  
IF CONDITIONS BECOME UNREPRESENTATIVE...CONTACT THE NATIONAL WEATHER  
SERVICE.

.DISCUSSION...

A DISTURBANCE ALOFT OVER THE PACIFIC NORTHWEST WILL CONTINUE  
TO BRING RAIN TO THE BURN AREA. RAIN MAY BE HEAVY AT TIMES.

ISOLATED THUNDERSTORMS ARE ALSO POSSIBLE THIS AFTERNOON AND AGAIN ON SATURDAY. TEMPERATURES WILL REMAIN COOL.

.TODAY...

SKY/WEATHER.....CLOUDY. RAIN SHOWERS AND SLIGHT CHANCE OF THUNDERSTORMS.  
CWR.....NEAR 100 PERCENT.  
MAX TEMPERATURE.....51-60.  
MIN HUMIDITY.....66-76 PERCENT.  
WIND (20 FT).....SOUTHEAST WINDS UP TO 5 MPH SHIFTING TO THE WEST 5 TO 7 MPH BY MID MORNING AND TO THE NORTH BY AFTERNOON.  
RIDGE TOP WIND.....WEST WINDS 12 TO 15 MPH.  
MIXING HEIGHT.....4500 FT AGL.  
MIXING WINDS.....WEST AROUND 5 MPH.  
HAINES INDEX.....2 VERY LOW.

.TONIGHT...

SKY/WEATHER.....MOSTLY CLOUDY. RAIN SHOWERS.  
CWR.....75 PERCENT.  
MIN TEMPERATURE.....35-40.  
MAX HUMIDITY.....95-100 PERCENT.  
WIND (20 FT).....NORTH TO NORTHWEST WINDS AROUND 5 MPH.  
RIDGE TOP WIND.....SOUTHWEST WINDS 10 TO 12 MPH.  
MIXING HEIGHT.....1000 FT AGL.  
MIXING WINDS.....LIGHT WINDS.  
HAINES INDEX.....3 VERY LOW.

.SATURDAY...

SKY/WEATHER.....MOSTLY CLOUDY. RAIN SHOWERS LIKELY IN THE MORNING...THEN CHANCE OF SHOWERS AND THUNDERSTORMS IN THE AFTERNOON.  
CWR.....35 PERCENT.  
MAX TEMPERATURE.....58-68.  
MIN HUMIDITY.....42-52 PERCENT.  
WIND (20 FT).....NORTHWEST WINDS AROUND 5 MPH SHIFTING TO THE EAST-SOUTHEAST 4 TO 7 MPH IN THE AFTERNOON.  
RIDGE TOP WIND.....SOUTHWEST WINDS 10 TO 12 MPH.  
MIXING HEIGHT.....6000 FT AGL.  
MIXING WINDS.....SOUTHWEST AROUND 5 MPH.  
HAINES INDEX.....3 VERY LOW.

**Please provide feedback:**

[Empty feedback box]





<b>MEDICAL PLAN</b>	1. Incident Name	2. Date Prepared	3. Time Prepared	4. Operational Period
	Red Shale	07/31/2013	2000	0700-1930

Medical Aid Stations	Location	Paramedics Yes No	

**A. Ambulance Services**

Name	Address	Phone	Paramedics Yes No	
Choteau Ambulance	Choteau, MT	406-466-5552	X	
Augusta Ambulance	Augusta, MT	406-562-3247		x
Mercy flight	Great Falls MT	(800) 972-4000	X	

**B. Incident Ambulances**

Name	Location	Paramedics Yes No	

Name	Address	Travel Time		Phone	Helped		Burn Center	
		Air	Ground		Yes	No	Yes	No
Choteau Clinic	914 4 <sup>th</sup> NW, Choteau MT			406-466-5255				
Benefis East Hospital	1101 26 <sup>th</sup> ST. South Great Falls, MT			406-761-1200	X			

In the event of a Medical Emergency contact your direct Supervisor for the day. They will contact you Division Supervisor/ Operations  
 Division/ Operations will control scene or delegate the scene to someone qualified on scene.  
 They will determine the Medical need and prepare for evacuation.  
 (See Communication plan)

Prepared by (Medical Unit Leader)	10. Reviewed by (Safety Officer)
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AIR AMBULANCE - MEDIVAC		Location	Number
MERCY FLIGHT	In the event of a medical emergency record the following info: Nature of injury/illness/incident. If life threatening clear freq for emergency traffic. ID on-scene Point Of Contact (POC is TFLD Smith). Number injured, patient assessment(s) & location (geographic & GPS coordinates). ID on-scene medical personnel. Medical Transport or MEDIVAC? Additional resources and/or equipment needed.	G Falls	800-972-4000
HELP FLIGHT		Billings	800-538-4357
LIFE FLIGHT		Missoula	800-991-7363
ALERT		Kalispell	406-752-9797
SUMMIT AIR AMBLNC		Bozeman	877-554-9111
Malmstrom AFB Command Post 406-731-3801, 800-851-3051		Great Falls	Helo Ops: 731-3250
<b>BURN and POISON CENTERS</b>			
HARBORVIEW - U of WA Burn Center		Seattle	206-744-3140
SACRED HEART Burn Program		Spokane	509-474-4686
U of UT Hospital Burn Center		Salt Lake City	801-581-2700
POISON CONTROL - ROCKY MOUNTAIN Montana line		Denver	800-222-1222
<b>MEDICAL CENTERS</b>			
Benefis Emergency Room		Great Falls	406-455-5200
Teton Medical Center		Choteau	406-466-5763
Pondera Medical Center		Conrad	406-271-3211
Central Montana Medical Center		Lewistown	406-538-7711
Wheatland Memorial Hospital		Harlowton	406-632-4351
Mountain View Medical Center		WSS	406-547-3321
ST. Peters Hospital		Helena	406-442-2480
Deaconess Hospital		Billings	406-657-4000
<b>COUNTY 9-1-1 DISPATCH OFFICES</b>			
Blaine		Chinook/Harlem	406-357-3260
Broadwater		Townsend	406-266-3441
Cascade (dial 9-1-1 if in Cascade County)		Great Falls	406-454-6978 / 6848
Central Montana Dispatch		Lewistown	406-535-1800
Chouteau		Fort Benton	406-622-5451
Fergus		Lewistown	406-535-3415
Glacier		Cut Bank	406-873-2711
Golden Valley		Ryegate	406-568-2321
Hill		Havre	406-265-2512
Judith Basin		Stanford	406-566-2212
Lewis & Clark		Helena	406-447-8293
Liberty		Chester	406-759-5171
Meagher		WSS	406-547-3397
Park		Livingston	406-222-2050
Pondera		Conrad	406-271-4060
Teton		Choteau	406-466-5781
Toole		Shelby	406-434-5585
Wheatland		Harlowton	406-632-5614
<b>DES OFFICES</b>			
MT DISASTER & EMERGENCY SERVICES (DES) (24 hrs)		Helena	406-324-4777
Cascade County DES - Vince Kolar, 415 3rd St. NW		Great Falls	406-454-6900
Teton County DES & EMS - Deb Coverdell 406-590-3748		Choteau	406-466-5552
Pondera County DES - LeAnn Hermance		Conrad	406-271-4040
Glacier County DES - Charles Farmer 406-450-1105		Cutbank	406-873-2084
Tribal DES - Robert DesRossier 406-450-0846		Browning	406-338-7667
Toole County DES (same as county sheriff)		Shelby	406-434-5585
Liberty County Emergency Services		Chester	406-759-5743
Blaine County DES		Chinook	406-357-3310
Choteau County Emergency Ops Center (EOC) - message machine		Fort Benton	406-622-9949
Judith Basin County DES - call co. sheriff Bonnie 566-2277x128		Stanford	406-566-2212 / 2976
<b>OTHER NUMBERS</b>			
Air Force Rescue Coordination Center (AFRCC)		Tyndall AFB, FL	800-851-3051
MT Aeronautics Division (0800-1700) after hrs call MT Hwy Patrol		Helena	444-2506, 250-6248
Air and Marine Operations Center (AMOC) (24 hrs)		Riverside, CA	866-247-2878
DHS - US Customs & Border Protection		Great Falls	406-791-6105
MT HIGHWAY PATROL Dispatch 406-841-7022		Helena	800-525-5555
MT National Guard Helicopters - Flight Ops		Helena	406-324-3055
Powerline Emergencies - State wide			800-896-7862

# INCIDENT WITHIN AN INCIDENT (IWI)

Upon occurrence of an incident on the fireline, the nearest Division Supervisor or Task Force Leader will go immediately to the scene and serve as On-scene Commander. For an ICP incident (IWP), the Logistics Chief will serve as the On-scene Commander. If feasible, the Type III IC or OPSC will proceed to the scene and will take over as On-Scene Commander. When he/she arrives, it must be made abundantly clear that a change in command has occurred. Immediate action should be taken by the Communications Unit Leader to clear a frequency(s) for relief operations. The specific radio traffic on this designated frequency will then take priority over all other incident communications until the IWI activity has been completed.

## Responsibilities in brief -

**RESPOND** to the incident.

**EVALUATE** the situation.

**COMMUNICATE** the essential details.

**EVACUATE** the victim(s).

### Division / Group Supervisor or Task Force Leader:

- Go immediately to scene and serve as On-Scene Commander
- Delegate fireline responsibility for main incident duties to another supervisor.
- Protect incident site. Take appropriate initial action.
- Request appropriate transportation and medical support.
- Coordinate rescue/evacuation procedures.

### Operations Chief:

- Make initial determination to cease or reprioritize incident radio traffic.
- Relieve DIVS or TFLD as On-Scene Commander. (if appropriate)
- Ensure main incident operations continue to be managed.
- Determine helicopter landing site and coordinates.

### Safety Officer:

- Respond immediately to the incident scene.
- Assist "incident within an incident" On-Scene Commander
- Assess every aspect of the rescue/evacuation operation for safe procedures.
- Initiate accident or injury investigation.

### Planning Section Chief:

- Contact the Agency Administrator with as much detail as available on the IWI.
- Contact local officials if deemed necessary, particularly County Sheriff.
- Determine any potential need for Critical Incident Stress Debriefing Team. Expedite if needed.
- Ensure all reports and documents are completed and filed.

### Finance Section Chief:

- Be advised of the incident as it relates to claims and comp for injury potential.

### Logistics Section Chief:

- Assume On-Scene Commander role during ICP incident (IWP).
- Delegate duties so main incident remains well served during IWP activity.
- Assist non-ICP On-Scene Commander with securing needed transportation and site security.
- Assist with coordination of Medical and Communications needs.
- Assess medical coverage for rest of incident.

### Air Operations Supervisor:

- Coordinate Air Operations support requested for IWI.
- Coordinate air evacuation needs.
- Provide proper air operations management at IWI site.
- Approve helicopter landing site and coordinates.

### Communications Unit Leader:

- Record/document ALL calls and radio traffic. Documentation may be critical.
- Assist with clearing or reprioritizing radio traffic during IWI operations.

### Incident Medical Specialist Manager:

- Provide medical aid within capabilities.

### Information Officer:

- Coordinate with ICT3 for accurate and timely info.
- Prepare press release.
- Coordinate media conference/interviews.
- Coordinate media access, if any, to IWI site.
- Consider dedicating a PIO to the IWI.

### TYPE III - Incident Commander:

- Assume oversight role as the overall responsible individual.
- Ensure for the implementation of the IWI plan.
- Ensure for/confirm main incident operations have not been interrupted
- Notify Agency Administrator ASAP with as much information as is possible
- Ensure for IFO participation so to be prepared for inquiries.



## UNFAMILIAR WITH WEATHER AND LOCAL FACTORS INFLUENCING FIRE BEHAVIOR

*Weather / Fire Behavior Category*



Scenario (Interactive Cloud Poster: loads slow)

- Ask questions of local experts! What kinds of questions would you ask?
- Does the operational period plan give you adequate weather and information? What kinds of weather forecasts can you get? What other weather or local information do you look for in the shift plan?
- Can you get information from resources that have been on the fire? What questions will you ask of the crew that you are replacing?
- Is there any other way to obtain information? List common sources of information on weather and local factors (Examples: Web based weather Activity Planner, Point Forecast Matrix, NOAA Internet Briefing)
- To reduce risks:
  - Base all actions on current and expected fire behavior.
  - Post lookouts.
  - Establish escape routes and safety zones.
  - Take extra caution! Discuss a fire where you relied on information from the local unit (perhaps where your fire knowledge and experience was very different from how they did things—southeast or Alaska).
  - Recognize and report visual indicators (clouds, WX obs., cold front passage, inversion breaking)

References:  
Fireline Handbook  
Incident Response Pocket Guide

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**Have an idea? Have feedback? Share it.**

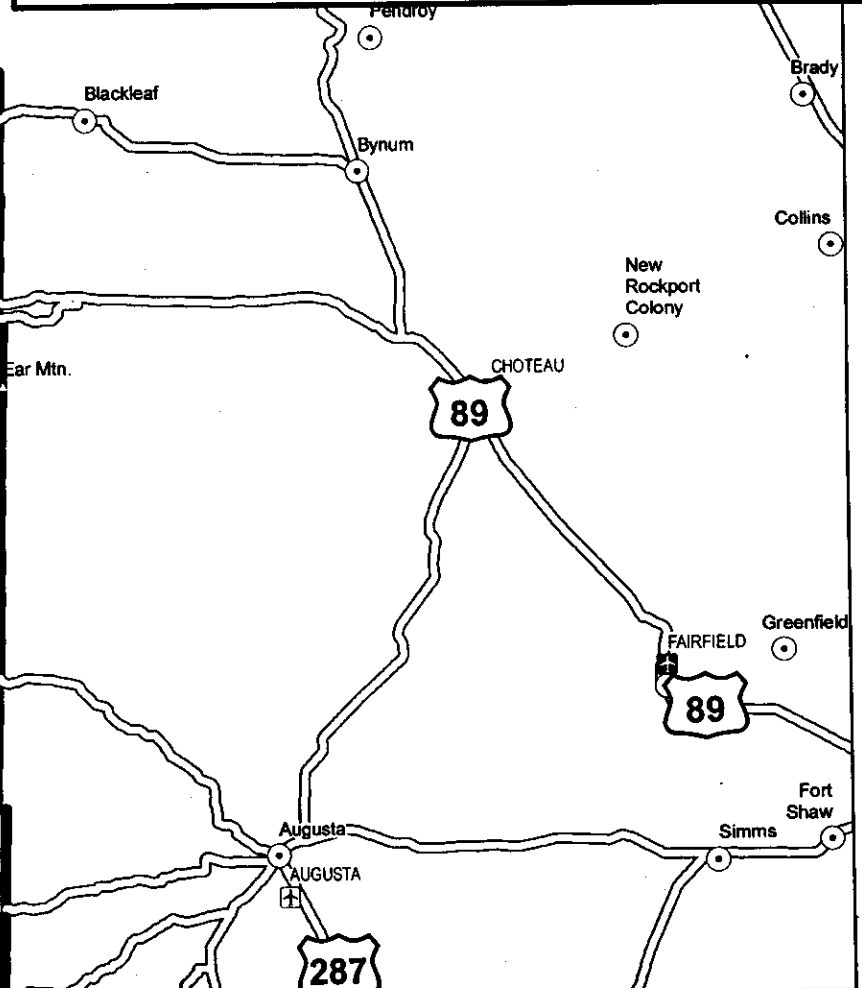
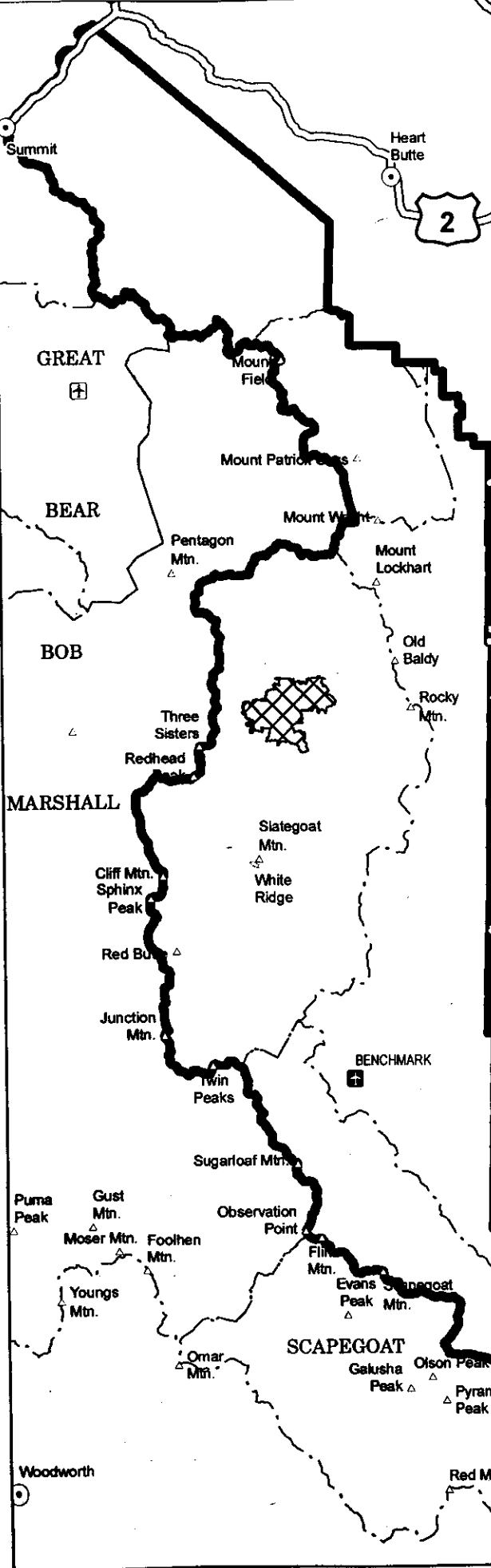
**ONLINE | MAIL: 6 Minutes For Safety Task Group • 3833 S. Development Ave • Boise, ID 83785 | FAX: 208-387-5250**

**6 Minutes Home**



# Vicinity Map

Red Shale Fire  
Lewis and Clark National Forest  
Rocky Mountain Ranger District  
08/01/2013



**Legend**

- Towns
- Ridge
- Summit
- Major Roads & Access Roads
- Wilderness Boundaries
- NFS Land Unit

**Great Falls Dispatch ----- 406-731-5300**

**D-1 Rocky Mountain Ranger District -----Front Desk-----406-466-5341**  
**Fax-----406-466-2237**

**D-1 Augusta Information Center-----Front Desk-----406-562-3247**  
**Fax-----406-562-3299**

**Muñoz, Mike: District Ranger -----406-466-5341 x 121**  
**Cell: 406-836-1994**

**Inabnit, Kyle: Incident Commander (IC)----- 406-562-3247 x 104**  
**Cell: 406-431-4310**

**Culbreth, Bob: Incident Commander - Trainee (IC-T)-----Cell: 406-274-0171**

**Ingle, Josh: Air Support (ASGS)-----Cell: 406-439-0347**

**Kolarich, Clint: Plans -----Cell: 406-366-9131**

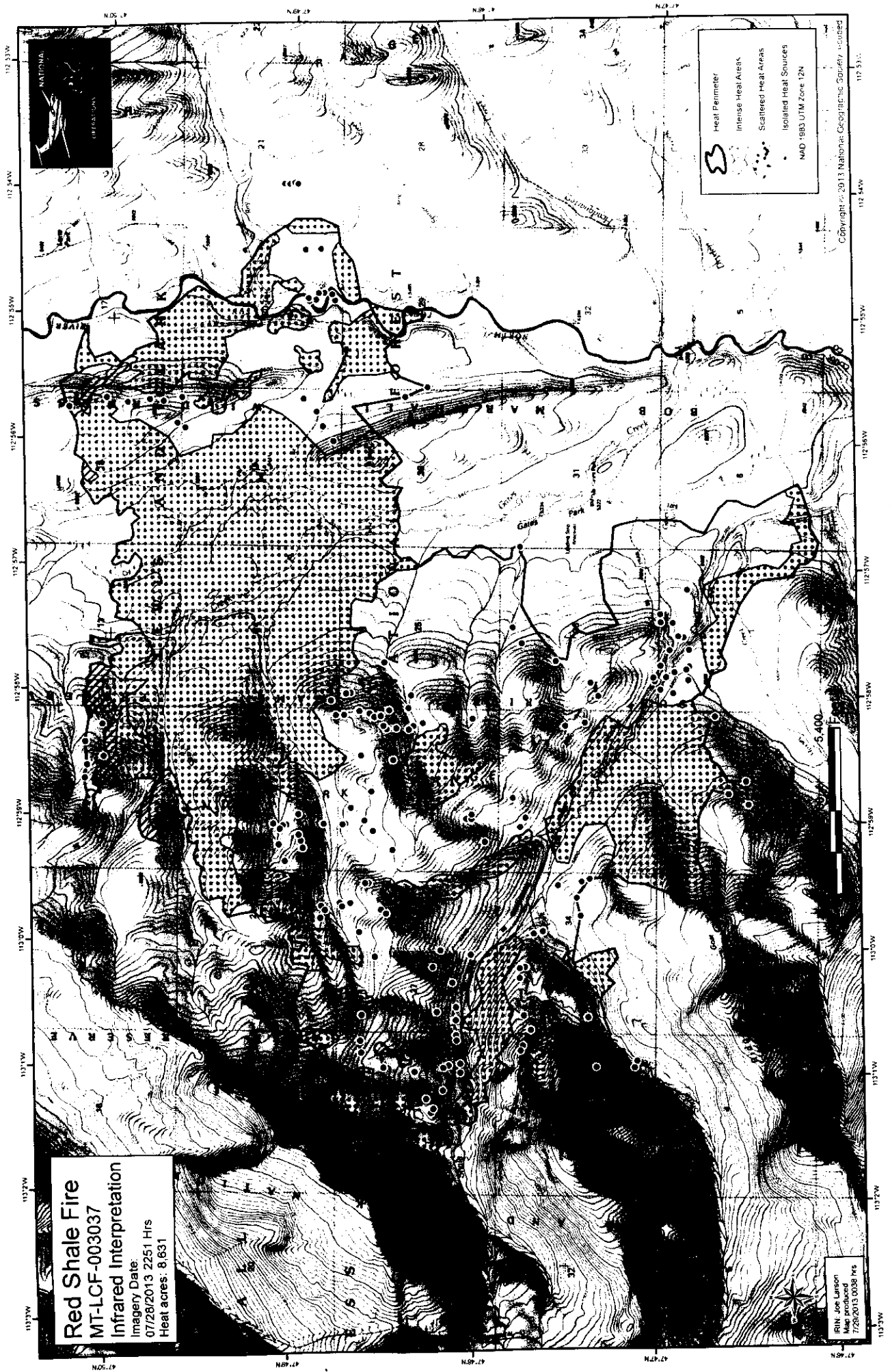
**Lang, Kraig: Resource Advisor-----406-466-5341 x 126**  
**Cell: 406-466-3535**

**Spinder, Jim: Logistics-----Cell: 406-590-1957**  
**(Leave MSG or note @ICP)**

**Public Information -----406-466-5351 x 113**  
**Otsu, Asano (PIO2-T): -----Cell: 406-425-1870**  
**McCartney, Kelsey: (PIOF-T)-----Cell: 406-590-1364**

**Lily Husky: Finance-----Cell: 406-868-7428**

**Corey Buhl: Fire Management Officer-----Cell: 406-868-7419**

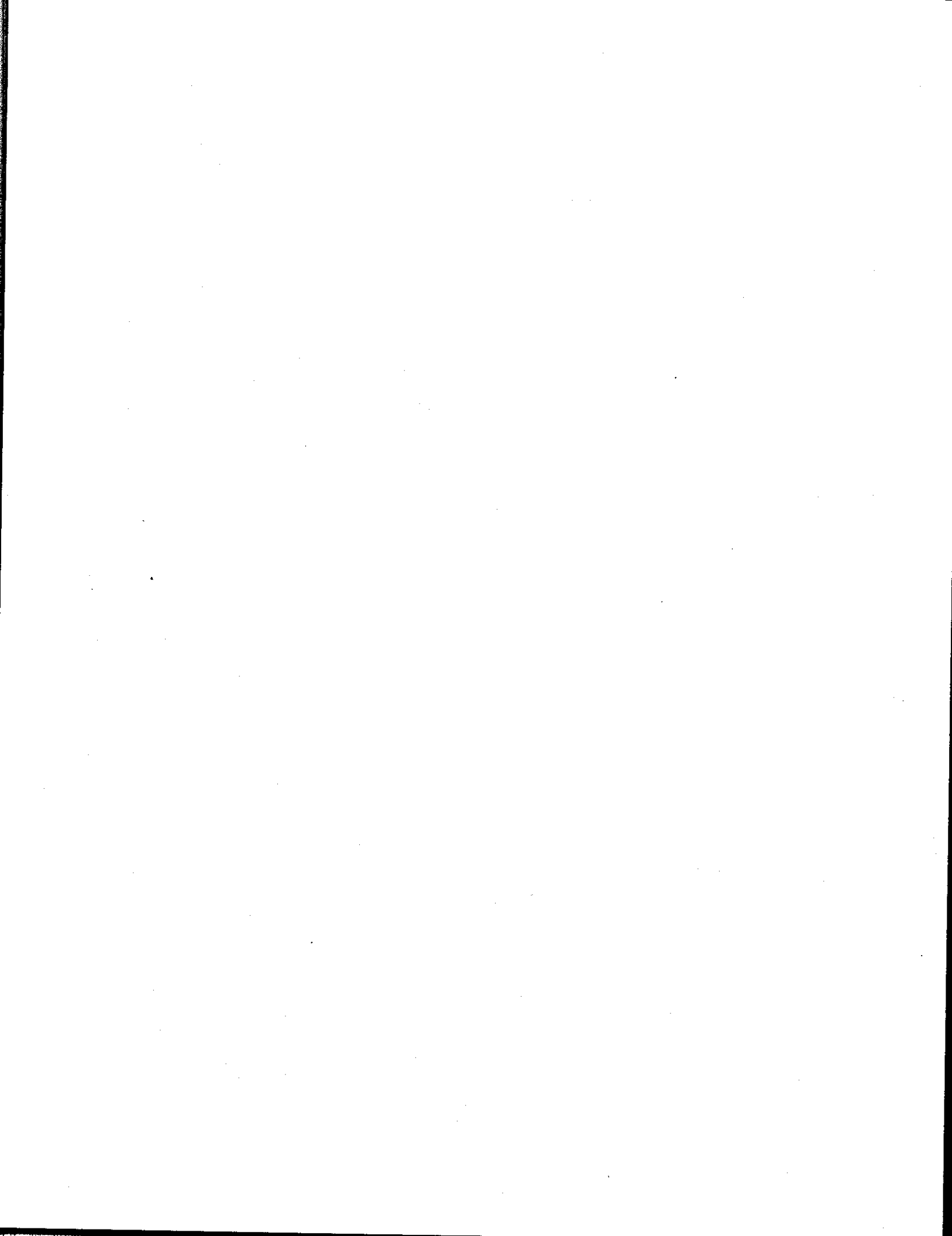


**Red Shale Fire**  
**MT-LCF-003037**  
**Infrared Interpretation**  
Imagery Date: 07/28/2013 22:51 Hrs  
Heat acres: 8,631

Heat Perimeter  
Intense Heat Areas  
Scattered Heat Areas  
Isolated Heat Sources  
NAD 1983 UTM Zone 12N

RIN: Joe Larson  
Map produced:  
7/28/2013 00:38 Hrs

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7/31/2013  
 Management Action Points  
 Red Shale Fire Trail Closures  
 Alternate CDT Trail Routes  
 RMRD/LCNF  
 Bob Marshall Wilderness



NATIONAL

MARSHALL

M.A.P. 13

M.A.P. 8

M.A.P. 10

M.A.P. 3

M.A.P. 6

M.A.P. 7

WILDERNESS PRESERVE

M.A.P. 1

M.A.P. 5

M.A.P. 9

FOREST

M.A.P. 14

M.A.P. 15

PRSERVE

M.A.P. 2

BOB

RIVER

LEWIS

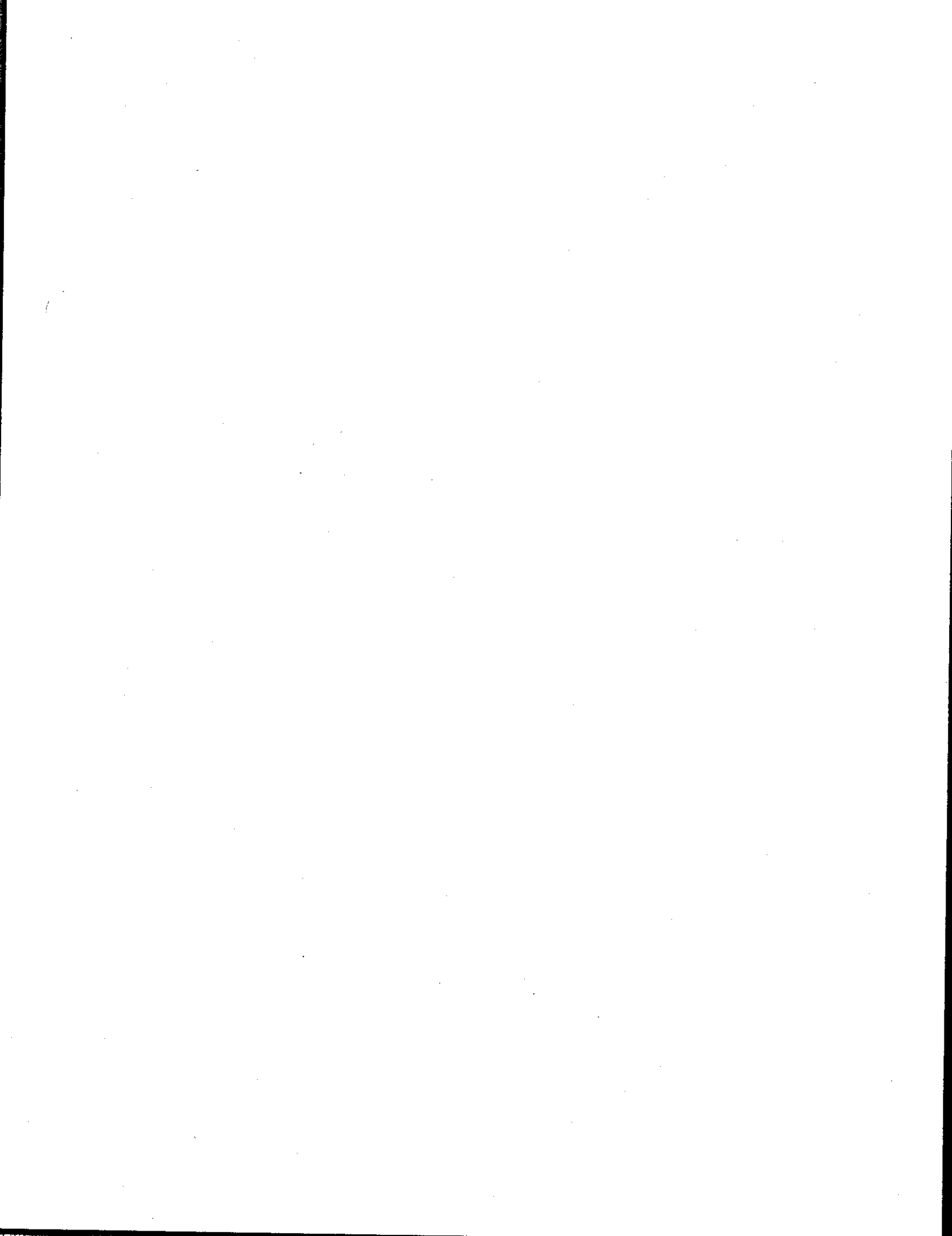
AND

**Legend**

- M.A.P. 1 - Rock Creek
- M.A.P. 2 - Moose Creek
- M.A.P. 3 - Rabbit Butte
- M.A.P. 5 - Gates
- M.A.P. 6 - North Fork West
- M.A.P. 7 - North Fork
- M.A.P. 8 - Nesbit
- M.A.P. 9 - Beartop
- M.A.P. 10 - Route East
- M.A.P. 12 - Spruce Creek
- M.A.P. 13 - 7 Up Creek
- M.A.P. 14 - Biggs Creek
- M.A.P. 15 - Biggs East

**Status**

- Closed
- Alternate CDT Trail Routes
- 7/29/2013 IR Fire Perimeter





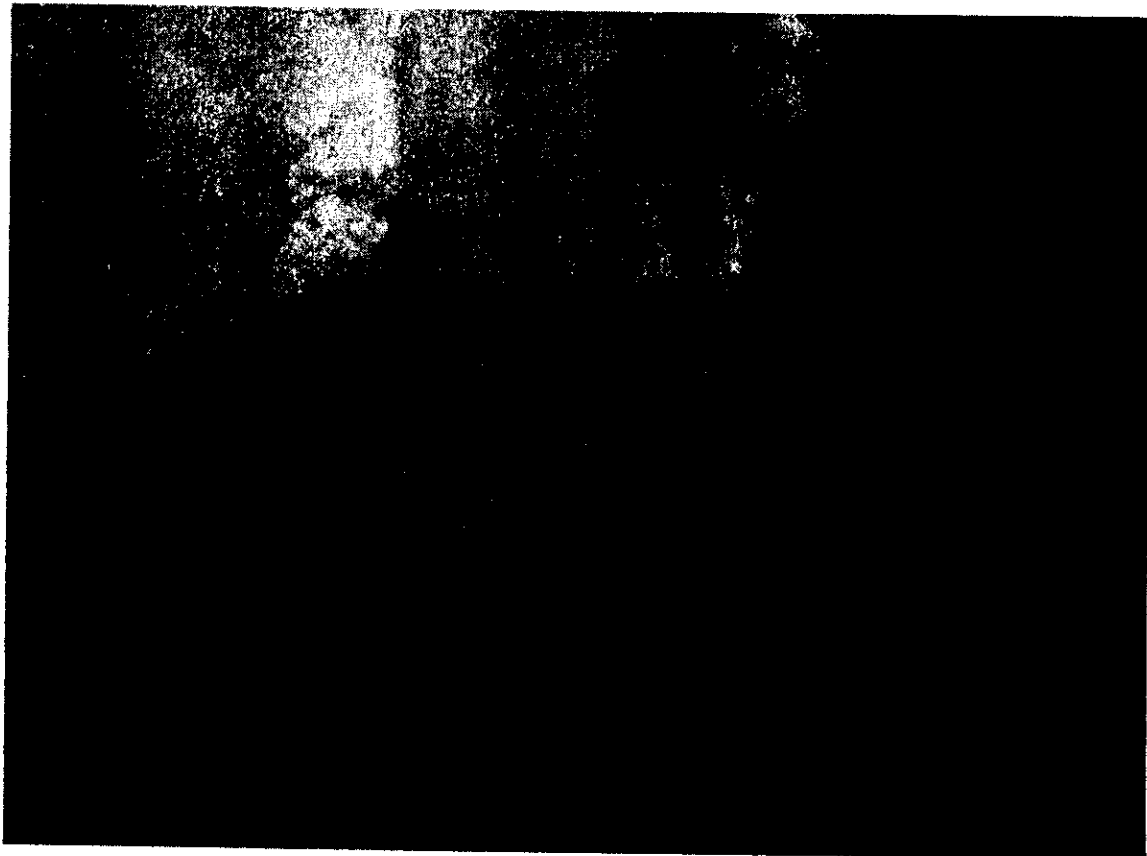


# RED SHALE

## Incident Action Plan

8/1-3/2013

Thursday - Saturday



**P1HRP6**

47.80392 N / 113.0095 W

<b>1. Incident Name</b> Red Shale		<b>OPS 203</b>		<b>Operations Section</b>	
<b>2. Date</b> 7/31/2013		<b>3. Time</b> 1800		<b>Op's Chief</b> Jeff Sherer	
<b>4. Operational Period</b> 0700-1930		<b>Deputy</b>			
		<b>a. Branch I</b>			
<b>Position</b>		<b>Name</b>		<b>Branch Director</b>	
				<b>Deputy</b>	
				<b>Division/Group</b>	
<b>5. Incident Commander and Command Staff</b>				<b>Division/Group</b>	
<b>Incident Commander</b> Kyle Inabnit				<b>Division/Group</b>	
<b>Deputy</b> Bob Culbreth (f)				<b>Division/Group</b>	
<b>Safety Officer</b>				<b>Division/Group</b>	
<b>Information Officer</b> Asano Otsu/ Kelsey McCartney (f)				<b>Division/Group</b>	
<b>Liaison Officer</b>				<b>Staging Area</b>	
<b>6. Agency Representative</b>				<b>b. Branch II</b>	
<b>Agency</b>		<b>Name</b>		<b>Branch Director</b>	
USFS		Mike Munoz		<b>Deputy</b>	
				<b>Division/Group</b>	
				<b>Division/Group</b>	
				<b>Division/Group</b>	
				<b>Division/Group</b>	
				<b>Division/Group</b>	
				<b>Staging Area</b>	
<b>7. Planning/Intelligence Section</b>				<b>c. Branch III</b>	
<b>Plans/Intel Chief</b> Clint Kolarich				<b>Branch Director</b>	
<b>Deputy</b>				<b>Deputy</b>	
<b>Resources Unit</b>				<b>Division/Group</b>	
<b>Situation Unit</b>				<b>Division/Group</b>	
<b>Documentation Unit</b>				<b>Division/Group</b>	
<b>Demobilization Unit</b>				<b>Division/Group</b>	
<b>Technical Specialists</b>				<b>Division/Group</b>	
<b>Human Resources</b>				<b>Division/Group</b>	
<b>Training</b>				<b>d. Air Operations Branch</b>	
<b>GIS</b>				<b>Air Operations Branch Director</b> Josh Ingle	
<b>READ</b> Kraig Lang				<b>Air Tactical Supervisor</b>	
<b>READ</b> Ian Bardwell				<b>Air Support Supervisor</b>	
				<b>Helicopter Coordinator</b>	
				<b>Air Tanker Coordinator</b>	
<b>8. Logistics Section</b>				<b>10. Finance/Administration Section</b>	
<b>Logistics Chief</b> Jim Spinder				<b>Finance/Admin. Chief</b> Lily Husky	
<b>Deputy</b> Jim Forrest				<b>Deputy</b>	
<b>Supply Unit</b>				<b>Time Unit</b>	
<b>Facilities Unit</b>				<b>Procurement Unit</b>	
<b>Ground Support Unit</b>				<b>Compensation/Claims Unit</b>	
<b>Communications Unit</b>				<b>Cost Unit</b>	
<b>Medical Unit</b>					
<b>Food Unit</b>					

<b>INCIDENT OBJECTIVES</b>	1. Incident Name RED SHALE	Date 8/1/2013	3. Time 0700									
4. Operational Period												
<p>5. General Control Objectives for the incident (include alternatives)</p> <ol style="list-style-type: none"> <li>1. Ensure safe operations for all public and incident personnel, including firefighter and aviation resources.</li> <li>2. Protect values at risk; Historic and Administrative cabins, trail structures, etc..</li> <li>3. Allow fire to play a natural role in the Wilderness.</li> <li>4. Keep fire within the Bob Marshall Wilderness Complex, on National Forest Lands.</li> <li>5. Ensure strict adherence to the Northern Continental Divide Ecosystem (NCDE) food storage order.</li> </ol>												
<p>6. Weather Forecast for Period See Spot Weather Forecast</p>												
<p>7. General Safety Message</p> <p>Provide for firefighter and public safety: Fire personnel safety and the protection of human life is the highest priority followed by the protection of cultural resources and structures.</p> <p>All strategic and tactical decisions will be based on sound risk management principles.</p> <p>Primary risk factors for this incident include remote and isolated work areas increasing the complexity for a functioning communication system and exposure to aviation operations.</p> <p>See attached Six Minutes for Safety for addition safety topics.</p>												
<p>8. Attachments (mark if attached)</p> <table border="0" style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> Organization List - ICS 203</td> <td><input checked="" type="checkbox"/> Medical Plan - ICS 206</td> <td><input checked="" type="checkbox"/> (Other) Safety Message</td> </tr> <tr> <td><input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204</td> <td><input checked="" type="checkbox"/> Incident Map</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/> Communications Plan - ICS 205</td> <td><input type="checkbox"/> Traffic Plan</td> <td><input type="checkbox"/></td> </tr> </table>				<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> (Other) Safety Message	<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input type="checkbox"/>	<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input type="checkbox"/> Traffic Plan	<input type="checkbox"/>
<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> (Other) Safety Message										
<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input type="checkbox"/>										
<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input type="checkbox"/> Traffic Plan	<input type="checkbox"/>										
9. Prepared by (Clint R. Kolarich)		10. Approved by (Incident Commander)										





<b>INCIDENT RADIO COMMUNICATIONS PLAN</b>	1. Incident Name Red Shale	2. Date/Time Prepared 7/31/2013	3. Operational Period Date/Time 8/1/2013 0700-1930
	4. Radio Type/Channel Utilization		

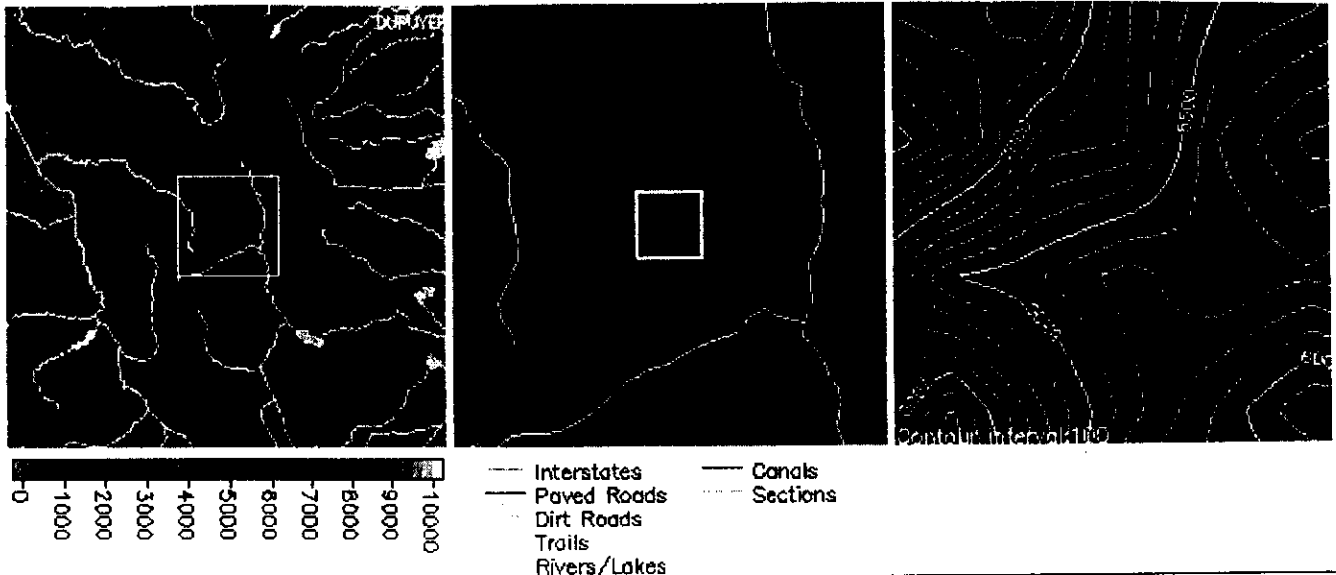
Radio Type/Cache	Channel	Function	Frequency/Tone	Assignment	Remarks
King NIFC	5	Command	RX 171.700 TX 164.200 Tone 131.8	All divisions	Renshaw (Forest Net)
King NIFC	3	Command	RX 171.700 TX 164.200 Tone 114.8	Alt Repeater	MT Wright (Forest Net)
King NIFC	1	Forest Direct	RX 171.700 TX 171.700	Forest	Rocky MTN Simplex
King NIFC	9	Tactical	RX 167.1125 TX 167.1125	All Divisions	R1 Tac
King NIFC	7	Tactical	RX 168.6125 TX 168.6125	Alternate Tac	Common Use 1/ Initial Attack
King NIFC	8	Tactical	RX 163.7125 TX 163.7125	Alternate Tac	Common Use 2
King NIFC	14	Air - Ground	RX 167.4250 TX 167.4250	All air to ground communications	A/G 13 LCF
King NIFC	15	Air-Ground ALT	RX 167.9875 TX 167.9875	Alternate Air to Ground	A/G 17 HLN
King NIFC	13	Life Flight	RX 155.3400 TX 155.3400	Life Flight	Tan (Life Flight)
King NIFC	16	Air Guard	RX 168.6250 TX 168.6250	Air Guard	

5. Prepared by (Communications Unit)  
Bob Culbreth

# Red Shale (WILDFIRE) (Requested: 445 MDT 8/2/13)

Forecast complete at 518 MDT 8/2/13

Requested by: Lewis and Clark NF Phone:(406) 731-5300 FAX:(406) 731-5301 Contact:Dispatch



**Location:** Legal: Lat/Lon:47.80333/113.01 Quad:Three Sisters  
Calculated:( 47.80333°N 113.01°W) (THREE SISTERS MT)

Elevation:6200 Drainage:unknown Aspect:East Size:8631

Fuel Type:Timber (Partially Sheltered)

## Observations:

Place Elev Time Wind Temp Wetbulb RH Dewpt Remarks

### Requested Parameters Remarks

XXX Clouds/Weather  
XXX Chance of Wetting Rain  
XXX Temperature  
XXX Relative Humidity  
XXX 20 Foot Wind  
XXX Ridge Top Wind  
XXX Smoke Dispersion

## FORECAST:

IF CONDITIONS BECOME UNREPRESENTATIVE,  
CONTACT THE NATIONAL WEATHER SERVICE.

SPOT FORECAST FOR RED SHALE...LEWIS AND CLARK NF  
NATIONAL WEATHER SERVICE GREAT FALLS MT  
518 AM MDT FRI AUG 2 2013

FORECAST IS BASED ON REQUEST TIME OF 0445 MDT ON AUGUST 02.  
IF CONDITIONS BECOME UNREPRESENTATIVE...CONTACT THE NATIONAL WEATHER  
SERVICE.

.DISCUSSION...

A DISTURBANCE ALOFT OVER THE PACIFIC NORTHWEST WILL CONTINUE  
TO BRING RAIN TO THE BURN AREA. RAIN MAY BE HEAVY AT TIMES.

ISOLATED THUNDERSTORMS ARE ALSO POSSIBLE THIS AFTERNOON AND AGAIN ON SATURDAY. TEMPERATURES WILL REMAIN COOL.

.TODAY...

SKY/WEATHER.....CLOUDY. RAIN SHOWERS AND SLIGHT CHANCE OF THUNDERSTORMS.  
 CWR.....NEAR 100 PERCENT.  
 MAX TEMPERATURE.....51-60.  
 MIN HUMIDITY.....66-76 PERCENT.  
 WIND (20 FT).....SOUTHEAST WINDS UP TO 5 MPH SHIFTING TO THE WEST 5 TO 7 MPH BY MID MORNING AND TO THE NORTH BY AFTERNOON.  
 RIDGE TOP WIND.....WEST WINDS 12 TO 15 MPH.  
 MIXING HEIGHT.....4500 FT AGL.  
 MIXING WINDS.....WEST AROUND 5 MPH.  
 HAINES INDEX.....2 VERY LOW.

.TONIGHT...

SKY/WEATHER.....MOSTLY CLOUDY. RAIN SHOWERS.  
 CWR.....75 PERCENT.  
 MIN TEMPERATURE.....35-40.  
 MAX HUMIDITY.....95-100 PERCENT.  
 WIND (20 FT).....NORTH TO NORTHWEST WINDS AROUND 5 MPH.  
 RIDGE TOP WIND.....SOUTHWEST WINDS 10 TO 12 MPH.  
 MIXING HEIGHT.....1000 FT AGL.  
 MIXING WINDS.....LIGHT WINDS.  
 HAINES INDEX.....3 VERY LOW.

.SATURDAY...

SKY/WEATHER.....MOSTLY CLOUDY. RAIN SHOWERS LIKELY IN THE MORNING...THEN CHANCE OF SHOWERS AND THUNDERSTORMS IN THE AFTERNOON.  
 CWR.....35 PERCENT.  
 MAX TEMPERATURE.....58-68.  
 MIN HUMIDITY.....42-52 PERCENT.  
 WIND (20 FT).....NORTHWEST WINDS AROUND 5 MPH SHIFTING TO THE EAST-SOUTHEAST 4 TO 7 MPH IN THE AFTERNOON.  
 RIDGE TOP WIND.....SOUTHWEST WINDS 10 TO 12 MPH.  
 MIXING HEIGHT.....6000 FT AGL.  
 MIXING WINDS.....SOUTHWEST AROUND 5 MPH.  
 HAINES INDEX.....3 VERY LOW.

**Please provide feedback:**



<b>MEDICAL PLAN</b>	1. Incident Name	2. Date Prepared	3. Time Prepared	4. Operational Period
	Red Shale	07/31/2013	2000	0700-1930

Medical Aid Stations	Location	Paramedics	
		Yes	No

**A. Ambulance Services**

Name	Address	Phone	Paramedics	
			Yes	No
Choteau Ambulance	Choteau, MT	406-466-5552	X	
Augusta Ambulance	Augusta, MT	406-562-3247		X
Mercy flight	Great Falls MT	(800) 972-4000	X	

**B. Incident Ambulances**

Name	Location	Paramedics	
		Yes	No

Name	Address	Travel Time		Phone	Helipad		Burn Center	
		Air	Ground		Yes	No	Yes	No
Choteau Clinic	914 4 <sup>th</sup> NW, Choteau MT			406-466-5255				
Benefis East Hospital	1101 26 <sup>th</sup> ST. South Great Falls, MT			406-761-1200	X			

In the event of a Medical Emergency contact your direct Supervisor for the day. They will contact you Division Supervisor/ Operations  
 Division/ Operations will control scene or delegate the scene to someone qualified on scene.  
 They will determine the Medical need and prepare for evacuation.  
 (See Communication plan)

Prepared by (Medical Unit Leader)	10. Reviewed by (Safety Officer)
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AIR AMBULANCE - MEDIVAC		Location	Number
MERCY FLIGHT	In the event of a medical emergency record the following info: Nature of injury/illness/incident. If life threatening clear freq for emergency traffic. ID on-scene Point Of Contact (POC is TFLD Smith). Number injured, patient assessment(s) & location (geographic & GPS coordinates). ID on-scene medical personnel. Medical Transport or MEDIVAC? Additional resources and/or equipment needed.	G Falls	800-972-4000
HELP FLIGHT		Billings	800-538-4357
LIFE FLIGHT		Missoula	800-991-7363
ALERT		Kalispell	406-752-9797
SUMMIT AIR AMBLNC		Bozeman	877-554-9111
Malmstrom AFB Command Post 406-731-3801, 800-851-3051		Great Falls	Helo Ops: 731-3250
<b>BURN and POISON CENTERS</b>			
HARBORVIEW - U of WA Burn Center		Seattle	206-744-3140
SACRED HEART Burn Program		Spokane	509-474-4686
U of UT Hospital Burn Center		Salt Lake City	801-581-2700
POISON CONTROL - ROCKY MOUNTAIN Montana line		Denver	800-222-1222
<b>MEDICAL CENTERS</b>			
Benefis Emergency Room		Great Falls	406-455-5200
Teton Medical Center		Choteau	406-466-5763
Pondera Medical Center		Conrad	406-271-3211
Central Montana Medical Center		Lewistown	406-538-7711
Wheatland Memorial Hospital		Harlowton	406-632-4351
Mountain View Medical Center		WSS	406-547-3321
ST. Peters Hospital		Helena	406-442-2480
Deaconess Hospital		Billings	406-657-4000
<b>COUNTY 9-1-1 DISPATCH OFFICES</b>			
Blaine		Chinook/Harlem	406-357-3260
Broadwater		Townsend	406-266-3441
Cascade (dial 9-1-1 if in Cascade County)		Great Falls	406-454-6978 / 6848
Central Montana Dispatch		Lewistown	406-535-1800
Chouteau		Fort Benton	406-622-5451
Fergus		Lewistown	406-535-3415
Glacier		Cut Bank	406-873-2711
Golden Valley		Ryegate	406-568-2321
Hill		Havre	406-265-2512
Judith Basin		Stanford	406-566-2212
Lewis & Clark		Helena	406-447-8293
Liberty		Chester	406-759-5171
Meagher		WSS	406-547-3397
Park		Livingston	406-222-2050
Pondera		Conrad	406-271-4060
Teton		Choteau	406-466-5781
Toole		Shelby	406-434-5585
Wheatland		Harlowton	406-632-5614
<b>DES OFFICES</b>			
MT DISASTER & EMERGENCY SERVICES (DES) (24 hrs)		Helena	406-324-4777
Cascade County DES - Vince Kolar, 415 3rd St. NW		Great Falls	406-454-6900
Teton County DES & EMS - Deb Coverdell 406-590-3748©		Choteau	406-466-5552
Pondera County DES - LeAnn Hermance		Conrad	406-271-4040
Glacier County DES - Charles Farmer 406-450-1105©		Cutbank	406-873-2084
Tribal DES - Robert DesRossier 406-450-0646©		Browning	406-338-7667
Toole County DES (same as county sheriff)		Shelby	406-434-5585
Liberty County Emergency Services		Chester	406-759-5743
Blaine County DES		Chinook	406-357-3310
Choteau County Emergency Ops Center (EOC) - message machine		Fort Benton	406-622-9949
Judith Basin County DES - call co. sheriff Bonnie 566-2277x128		Stanford	406-566-2212 / 2976
<b>OTHER NUMBERS</b>			
Air Force Rescue Coordination Center (AFRCC)		Tyndall AFB, FL	800-851-3051
MT Aeronautics Division (0800-1700) after hrs call MT Hwy Patrol		Helena	444-2506, 250-6248©
Air and Marine Operations Center (AMOC) (24 hrs)		Riverside, CA	866-247-2878
DHS - US Customs & Border Protection		Great Falls	406-791-6105
MT HIGHWAY PATROL Dispatch 406-841-7022		Helena	800-525-5555
MT National Guard Helicopters - Flight Ops		Helena	406-324-3055
Powerline Emergencies - State wide			800-896-7862

# INCIDENT WITHIN AN INCIDENT (IWI)

Upon occurrence of an incident on the fireline, the nearest Division Supervisor or Task Force Leader will go immediately to the scene and serve as On-scene Commander. For an ICP incident (IWP), the Logistics Chief will serve as the On-scene Commander. If feasible, the Type III IC or OPSC will proceed to the scene and will take over as On-Scene Commander. When he/she arrives, it must be made abundantly clear that a change in command has occurred. Immediate action should be taken by the Communications Unit Leader to clear a frequency(s) for relief operations. The specific radio traffic on this designated frequency will then take priority over all other incident communications until the IWI activity has been completed.

## Responsibilities in brief -

**RESPOND** to the incident.  
**EVALUATE** the situation.  
**COMMUNICATE** the essential details.  
**EVACUATE** the victim(s).

### Division / Group Supervisor or Task Force Leader:

Go immediately to scene and serve as On-Scene Commander  
Delegate fireline responsibility for main incident duties to another supervisor.  
Protect incident site. Take appropriate initial action.  
Request appropriate transportation and medical support.  
Coordinate rescue/evacuation procedures.

### Operations Chief:

Make initial determination to cease or reprioritize incident radio traffic.  
Relieve DIVS or TFLD as On-Scene Commander. (if appropriate)  
Ensure main incident operations continue to be managed.  
Determine helicopter landing site and coordinates.

### Safety Officer:

Respond immediately to the incident scene.  
Assist "incident within an incident" On-Scene Commander  
Assess every aspect of the rescue/evacuation operation for safe procedures.  
Initiate accident or injury investigation.

### Planning Section Chief:

Contact the Agency Administrator with as much detail as available on the IWI.  
Contact local officials if deemed necessary, particularly County Sheriff.  
Determine any potential need for Critical Incident Stress Debriefing Team. Expedite if needed.  
Ensure all reports and documents are completed and filed.

### Finance Section Chief:

Be advised of the incident as it relates to claims and comp for injury potential.

### Logistics Section Chief:

Assume On-Scene Commander role during ICP incident (IWP).  
Delegate duties so main incident remains well served during IWP activity.  
Assist non-ICP On-Scene Commander with securing needed transportation and site security.  
Assist with coordination of Medical and Communications needs.  
Assess medical coverage for rest of incident.

### Air Operations Supervisor:

Coordinate Air Operations support requested for IWI.  
Coordinate air evacuation needs.  
Provide proper air operations management at IWI site.  
Approve helicopter landing site and coordinates.

### Communications Unit Leader:

Record/document ALL calls and radio traffic. Documentation may be critical.  
Assist with clearing or reprioritizing radio traffic during IWI operations.

### Incident Medical Specialist Manager:

Provide medical aid within capabilities.

### Information Officer:

Coordinate with ICT3 for accurate and timely info.  
Prepare press release.  
Coordinate media conference/interviews.  
Coordinate media access, if any, to IWI site.  
Consider dedicating a PIO to the IWI.

### TYPE III - Incident Commander:

Assume oversight role as the overall responsible individual.  
Ensure for the implementation of the IWI plan.  
Ensure for/confirm main incident operations have not been interrupted  
Notify Agency Administrator ASAP with as much information as is possible  
Ensure for IFO participation so to be prepared for inquiries.



## UNFAMILIAR WITH WEATHER AND LOCAL FACTORS INFLUENCING FIRE BEHAVIOR

*Weather / Fire Behavior Category*

◆ Scenario (Interactive Cloud Poster: loads slow)

- Ask questions of local experts! What kinds of questions would you ask?
- Does the operational period plan give you adequate weather and information? What kinds of weather forecasts can you get? What other weather or local information do you look for in the shift plan?
- Can you get information from resources that have been on the fire? What questions will you ask of the crew that you are replacing?
- Is there any other way to obtain information? List common sources of information on weather and local factors (Examples: Web based weather Activity Planner, Point Forecast Matrix, NOAA Internet Briefing)
- To reduce risks:
  - Base all actions on current and expected fire behavior.
  - Post lookouts.
  - Establish escape routes and safety zones.
  - Take extra caution! Discuss a fire where you relied on information from the local unit (perhaps where your fire knowledge and experience was very different from how they did things—southeast or Alaska).
  - Recognize and report visual indicators (clouds, WX obs., cold front passage, inversion breaking)

References:  
Fireline Handbook  
Incident Response Pocket Guide

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**Have an idea? Have feedback? Share it.**

**ONLINE | MAIL: 6 Minutes For Safety Task Group • 3833 S. Development Ave • Boise, ID 83705 | FAX: 208-387-5250**

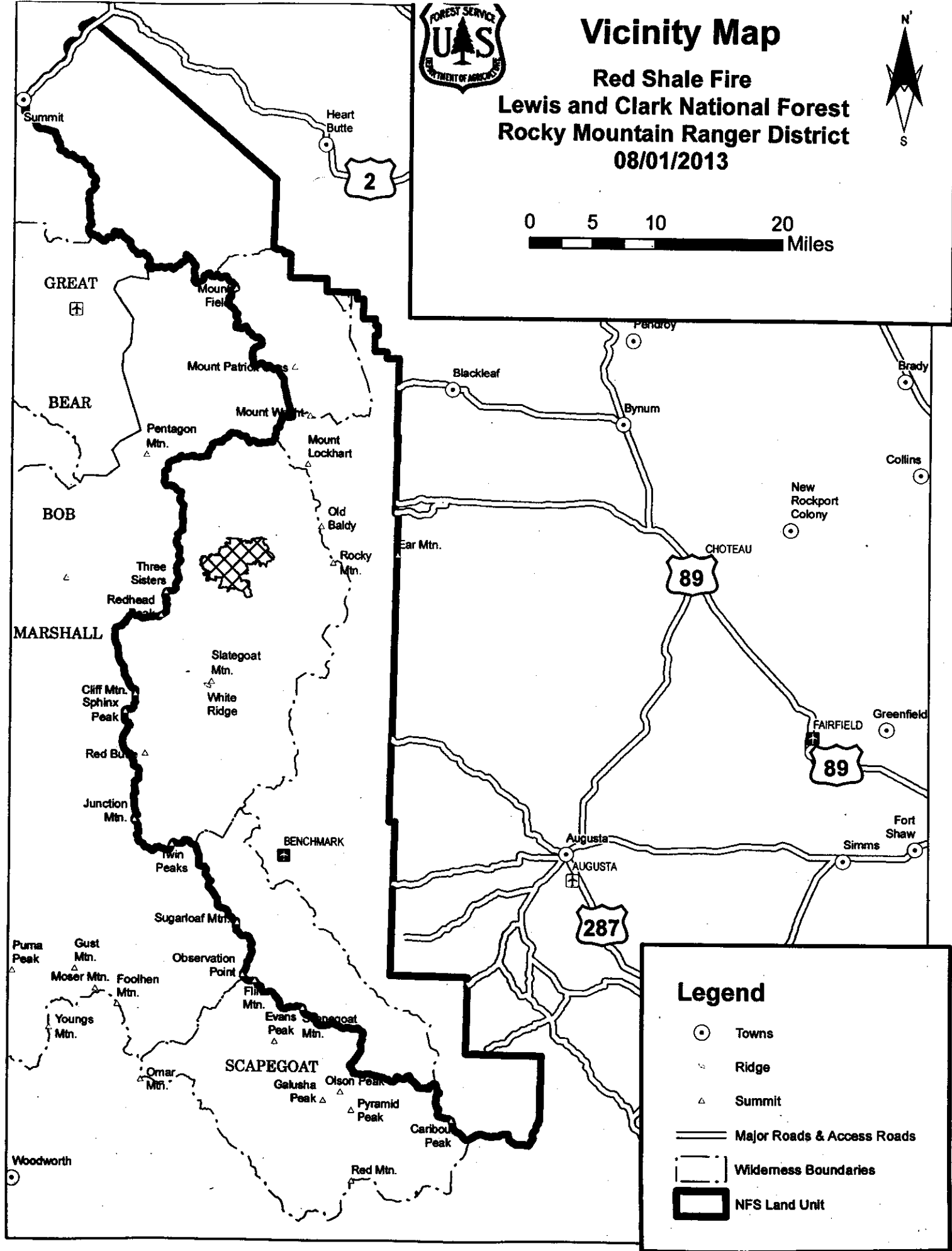
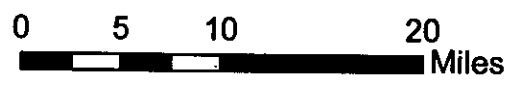
**6 Minutes Home**





# Vicinity Map

Red Shale Fire  
Lewis and Clark National Forest  
Rocky Mountain Ranger District  
08/01/2013



### Legend

- Towns
- Ridge
- Summit
- Major Roads & Access Roads
- Wilderness Boundaries
- NFS Land Unit

**Great Falls Dispatch ----- 406-731-5300**

**D-1 Rocky Mountain Ranger District -----Front Desk-----406-466-5341  
Fax-----406-466-2237**

**D-1 Augusta Information Center-----Front Desk-----406-562-3247  
Fax-----406-562-3299**

**Muñoz, Mike: District Ranger -----406-466-5341 x 121  
Cell: 406-836-1994**

**Inabnit, Kyle: Incident Commander (IC)----- 406-562-3247 x 104  
Cell: 406-431-4310**

**Culbreth, Bob: Incident Commander - Trainee (IC-T)-----Cell: 406-274-0171**

**Ingle, Josh: Air Support (ASGS)-----Cell: 406-439-0347**

**Kolarich, Clint: Plans -----Cell: 406-366-9131**

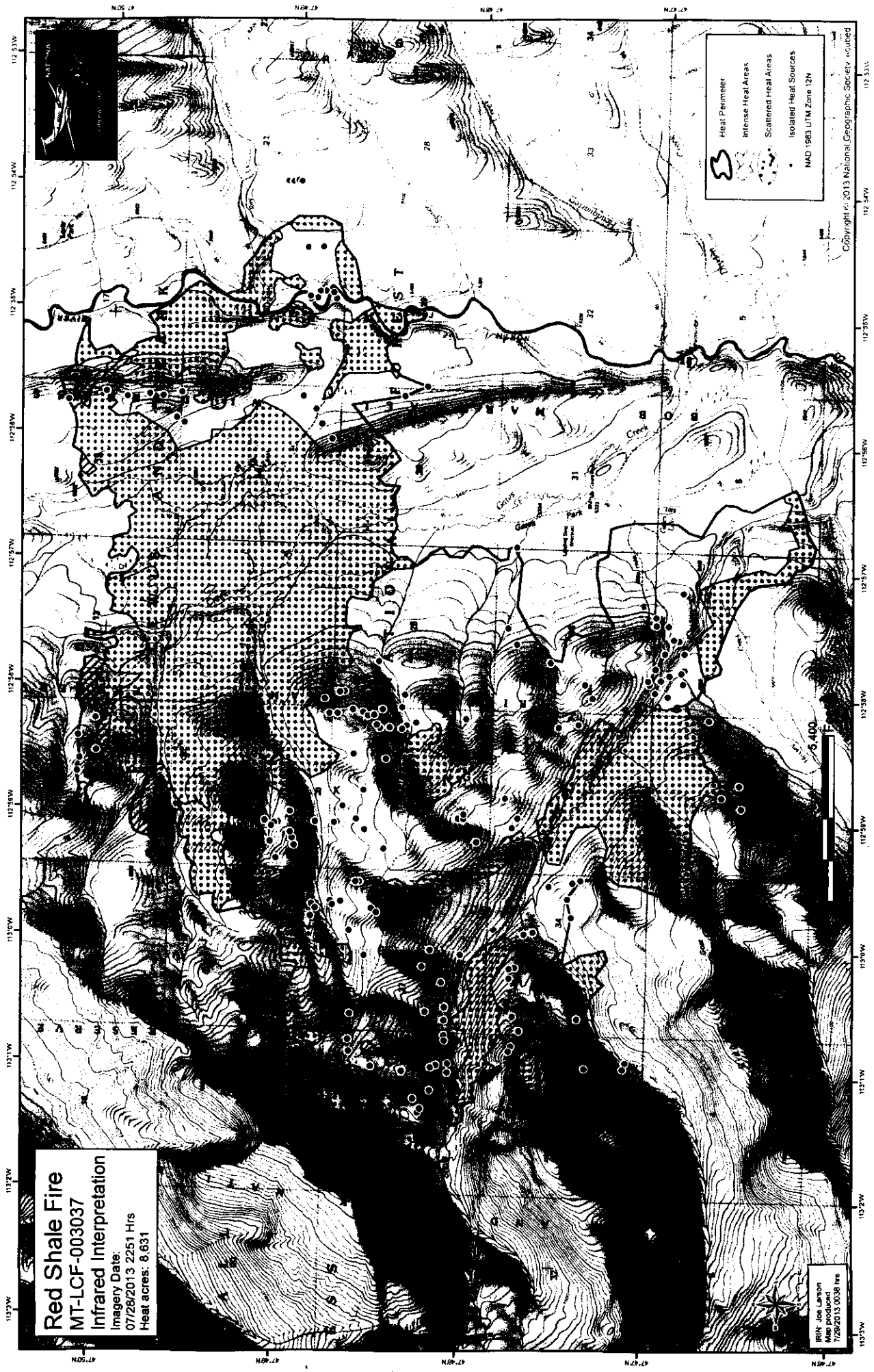
**Lang, Kraig: Resource Advisor-----406-466-5341 x 126  
Cell: 406-466-3535**

**Spinder, Jim: Logistics-----Cell: 406-590-1957  
(Leave MSG or note @ICP)**

**Public Information -----406-466-5351 x 113  
Otsu, Asano (PIO2-T): -----Cell: 406-425-1870  
McCartney, Kelsey: (PIOF-T)-----Cell: 406-590-1364**

**Lily Husky: Finance-----Cell: 406-868-7428**

**Corey Buhl: Fire Management Officer-----Cell: 406-868-7419**



**Red Shale Fire**  
MT-LCF-003037  
Infrared Interpretation  
Imagery Date: 07/26/2013 2251 Hrs  
Heat acres: 9,631

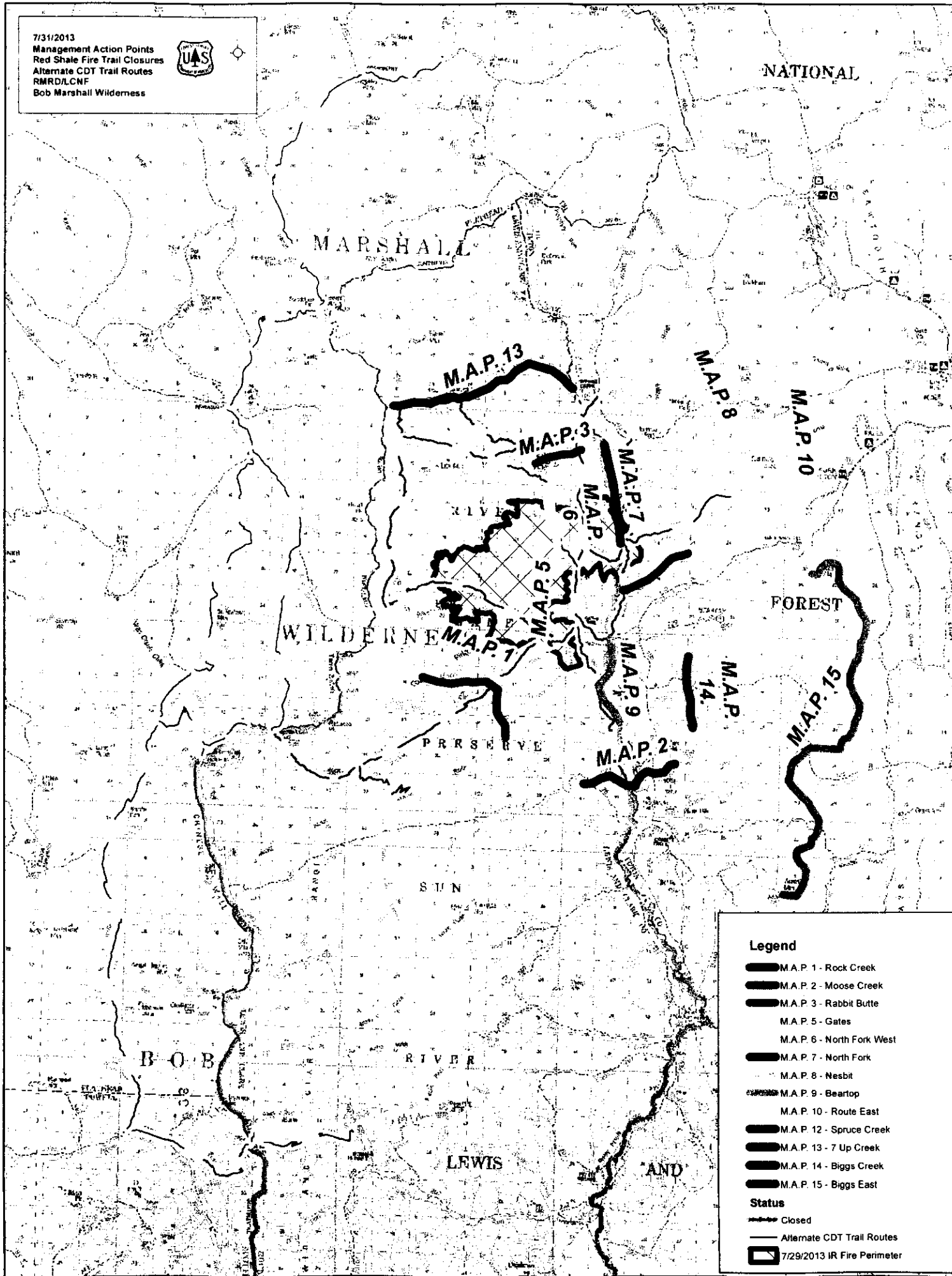
Heat Perimeter  
Intense Heat Areas  
Scattered Heat Areas  
Isolated Heat Sources  
NAD 1983 UTM Zone 12N

IRIN Job Layout  
7/26/2013 0038 hrs

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7/31/2013  
 Management Action Points  
 Red Shale Fire Trail Closures  
 Alternate CDT Trail Routes  
 RMRD/LCNF  
 Bob Marshall Wilderness



**Legend**

- M.A.P. 1 - Rock Creek
- M.A.P. 2 - Moose Creek
- M.A.P. 3 - Rabbit Butte
- M.A.P. 5 - Gates
- M.A.P. 6 - North Fork West
- M.A.P. 7 - North Fork
- M.A.P. 8 - Nesbit
- M.A.P. 9 - Beartop
- M.A.P. 10 - Route East
- M.A.P. 12 - Spruce Creek
- M.A.P. 13 - 7 Up Creek
- M.A.P. 14 - Biggs Creek
- M.A.P. 15 - Biggs East

**Status**

- Closed
- Alternate CDT Trail Routes
- 7/29/2013 IR Fire Perimeter





