

Lessons From The Lava Mountain Fire

TVRC-Education Foundation





4 Take Aways

RMP vs. EOP

RMP = Overarching acknowledgement of risk and outline of policy and procedure for addressing them

EOP = Specific and functional document designed to provide reference and guidance in a crisis situation

It's True...You Can't Over-Communicate...With Parents and Participants

With Participants it's crucial to address their concerns with clear and age-appropriate information

With Parents you need to anticipate questions and communicate with confidence and consistency

A Crisis is No Time for Panic...or Planning

Fostering a sense of calm at the time of the Crisis starts well before the “Event” that caused the Crisis

Knowing what to do when the Crisis starts spinning is a matter of Pre-Crisis Planning

Make a Plan...Review the Plan...Practice the Plan...EXECUTE ON THE PLAN!

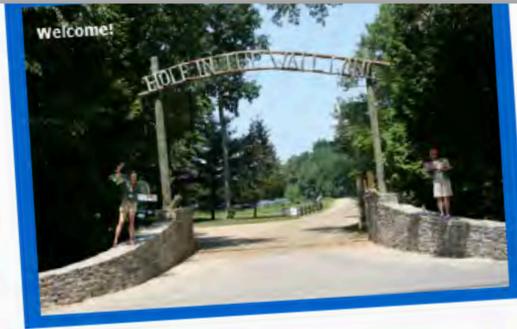
'nuff said

“A great part of courage
is having done the right
thing before.”

~ Ralph Waldo Emerson



This plan was developed by Russell Phillips & Associates, LLC as a volunteer project to support The Hole in the Wall Gang Camp. The plan incorporates Russell Phillips & Associates best practices from working with Children's hospitals throughout the US and Canada, sections from existing Hole in the Wall Gang Camp plans and certain sections from Camp Boggy Creek in FL and The Painted Turtle Camp in CA.

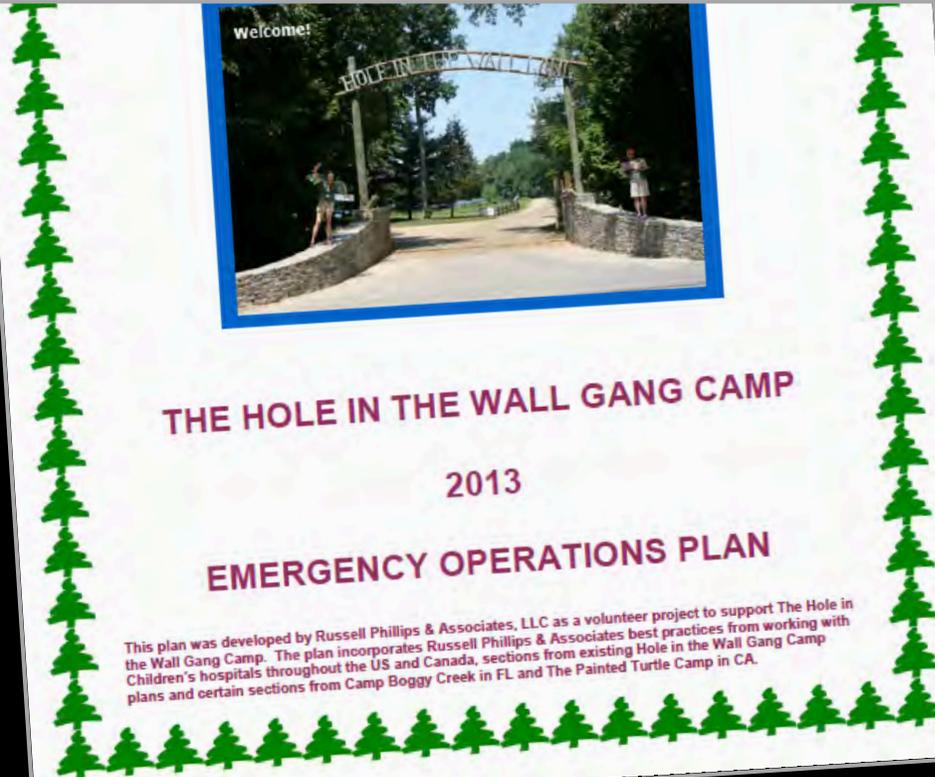


THE HOLE IN THE WALL GANG CAMP

2013

EMERGENCY OPERATIONS PLAN

This plan was developed by Russell Phillips & Associates, LLC as a volunteer project to support The Hole in the Wall Gang Camp. The plan incorporates Russell Phillips & Associates best practices from working with Children's hospitals throughout the US and Canada, sections from existing Hole in the Wall Gang Camp plans and certain sections from Camp Boggy Creek in FL and The Painted Turtle Camp in CA.





Home Insert Page Layout Formulas Data Review View

Calibri (Body) 12 A A

Wrap Text Merge & Center

General

Conditional Formatting Format as Table Cell Styles

Insert Delete Format Sort & Filter

E25 fx Core Beliefs (BEH 1)

	6/5/17	6/6/2017	6/7/17	6/8/17	6/9/17	6/10/17	6/11/17	6/12/17	6/13/17	6/14/17	6/15/17	6/16/17
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
3	7:30	Early AM Fike & Fish		LC Training (OM.8.1 B)	LC Actual (OM.8.1 B)	RM - Exercise - 8:00AM	OVN Return					Breakfast (8:00am)
4	8:30	Breakfast	Breakfast (Assigned Seats)	Breakfast (Assigned Seats)	Breakfast (Assigned Seats)	Breakfast	Breakfast	Breakfast		Breakfast	Breakfast	Emergency Protocol Q&A
5	8:45				Lost Camper Debrief	Lost Camper Debrief						Team Pump Up!!!
6	9:00											
7	9:15		M 2 - Universal Precautions				M 5 - Infirm Etiquette					
8	9:30											
9	9:45	TL 1st Degree (A)		Projects	Program Prep							
10	10:00		Scavenger Hunt / Mission Statement			Risk Management						
11	10:15											
12	10:30				General Behavior Strategies (BEH 2)	WY Game & Fish LOCKED IN!!!						
13	10:45											
14	11:00						VDT 3					
15	11:15						VDT 1st Degree (3)					
16	11:30		Opening Circle	Middle Names	Fence Meeting	Target Sports Training	Projects	Counselors w/ Ad. Groups	Day Trips Out	Donna and Camp America Trip to Riverton, WY		
17	11:45											
18	12:00	GTNP Intern TLs LOCKED IN!!!										
19	12:15											
20	12:30											
21	12:45											
22	1:00											
23	1:15											
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49	7:45											
50	8:00											
51	8:15											
52	8:30											

TONS OF KIDDOS!

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July 16th
2016
LMF



Boys' Season Final Rodeo

July 16th 2016





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July 19th

2016

LMF



Girls' Season Arrival

July 19th 2016





July 18th

2016

LMF

Lava Mountain - WY-SHF-000267

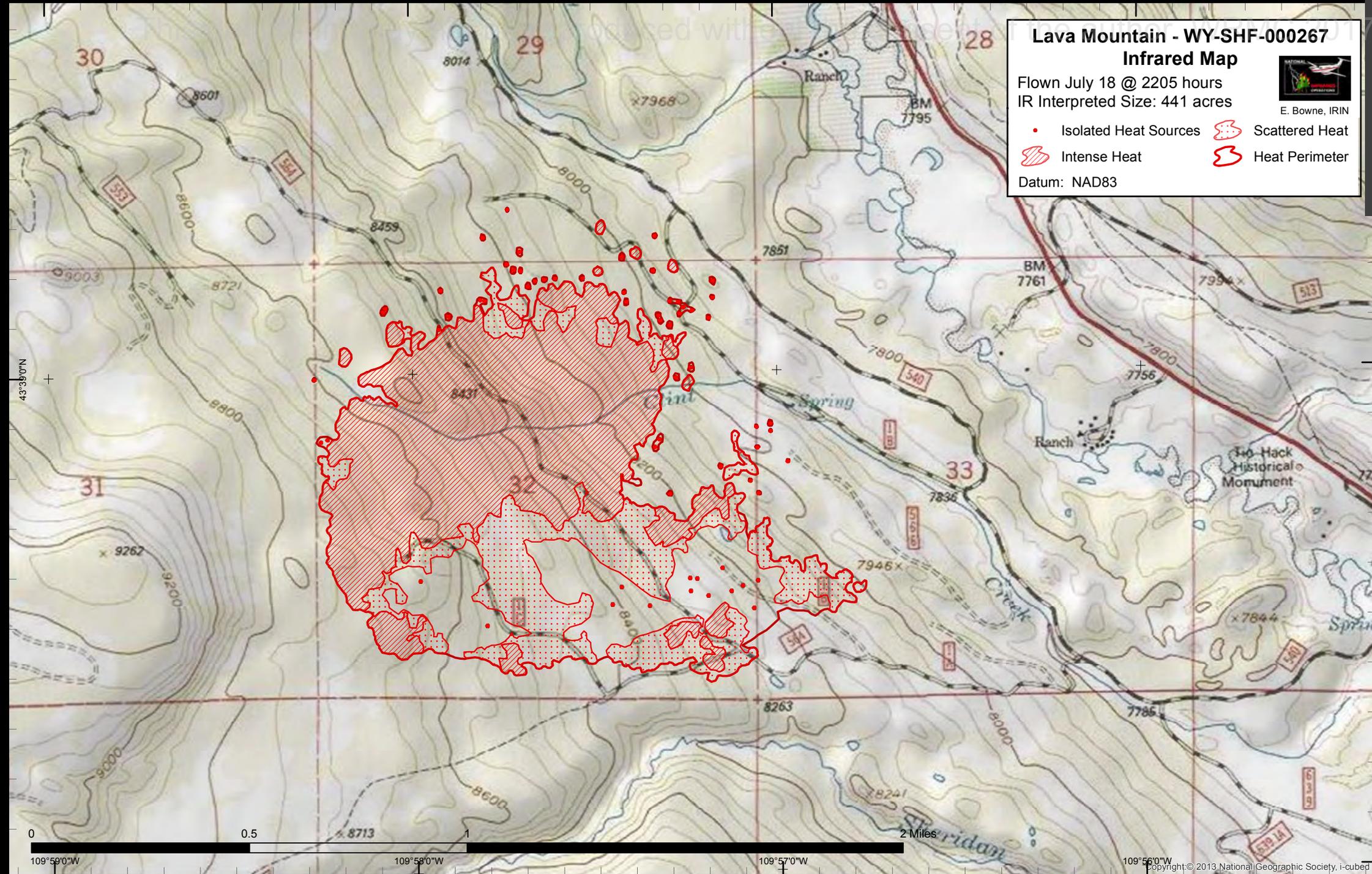
Infrared Map

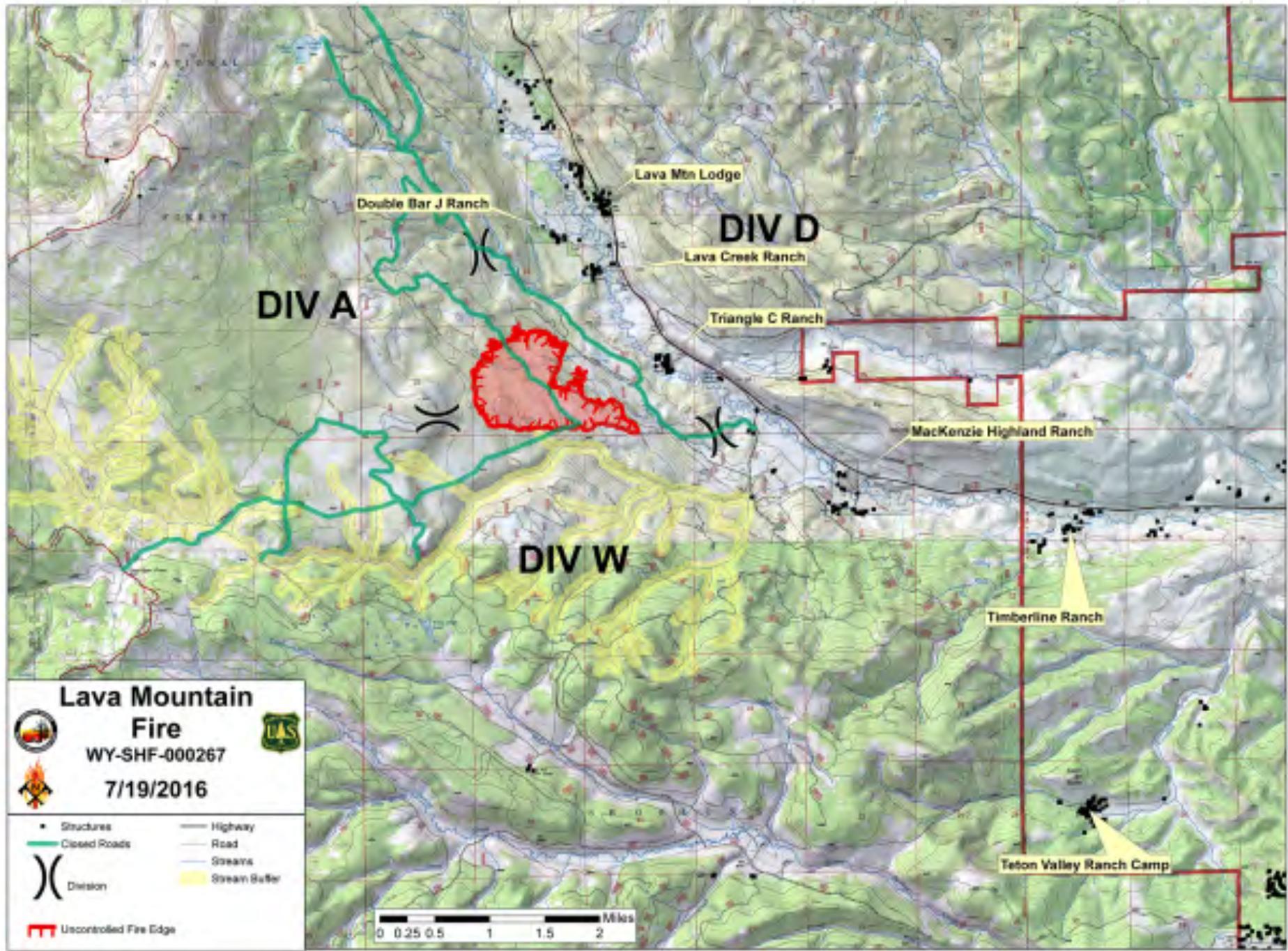
Flown July 18 @ 2205 hours
IR Interpreted Size: 441 acres



E. Bowne, IRIN

- Isolated Heat Sources
 - ◌ Scattered Heat
 - ▨ Intense Heat
 - ◌ Heat Perimeter
- Datum: NAD83

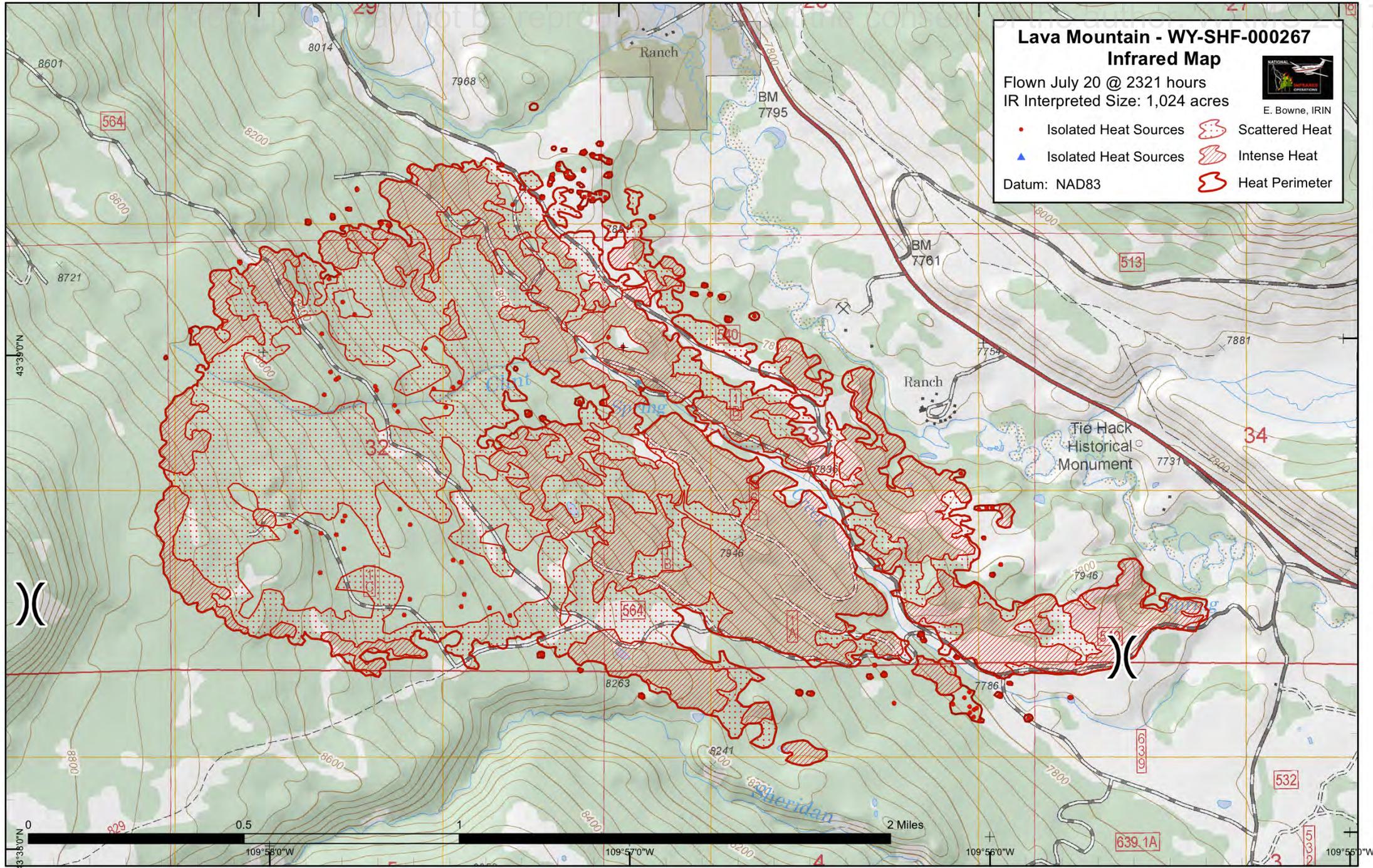




July 20th

2016

LMF



Lava Mountain - WY-SHF-000267

Infrared Map

Flown July 20 @ 2321 hours
IR Interpreted Size: 1,024 acres



E. Bowne, IRIN

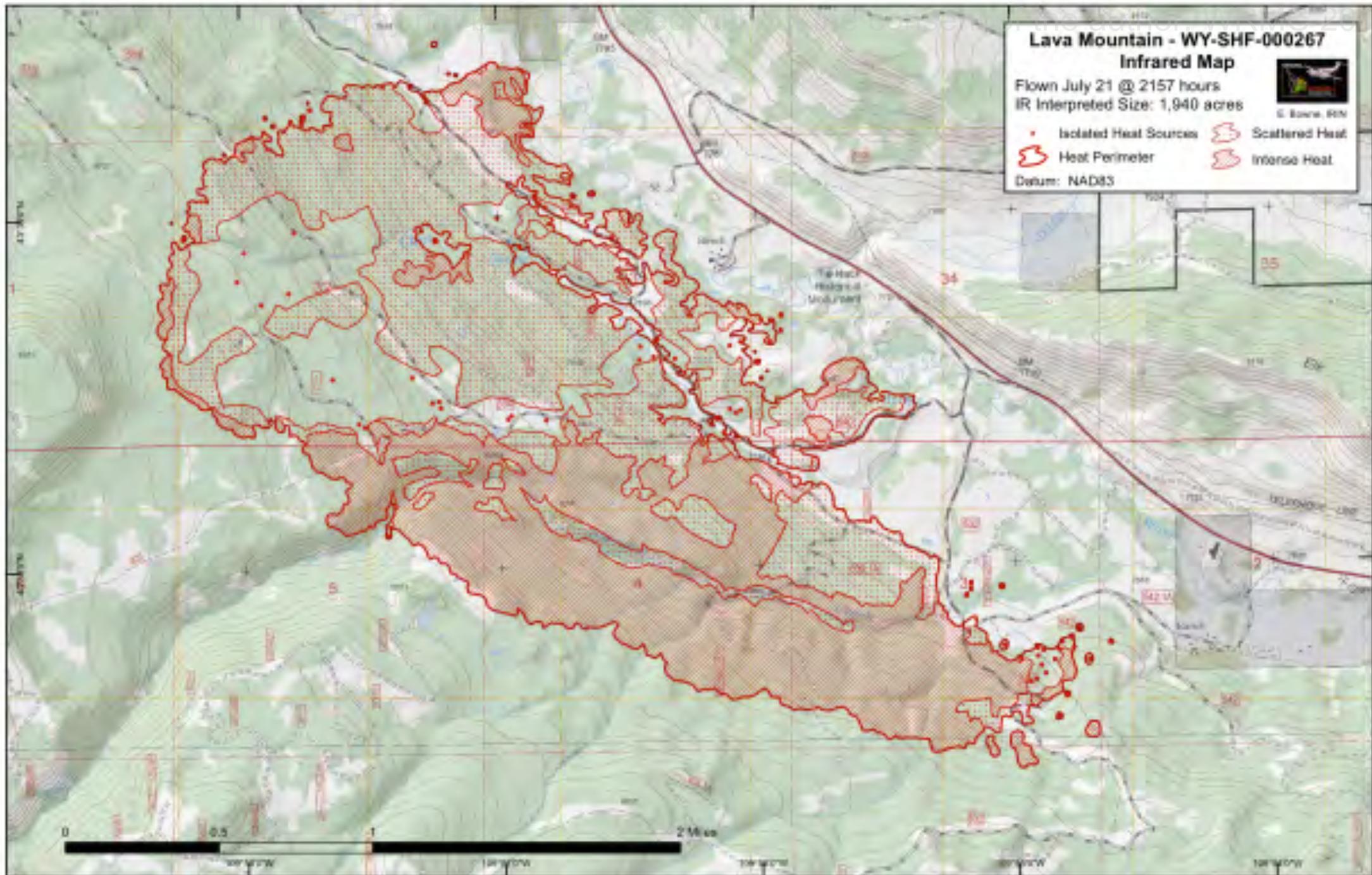
- Isolated Heat Sources
 - ▲ Isolated Heat Sources
 - Scattered Heat
 - ▨ Intense Heat
 - Heat Perimeter
- Datum: NAD83



July 21st

2016

LMF



Lava Mountain - WY-SHF-000267

Infrared Map

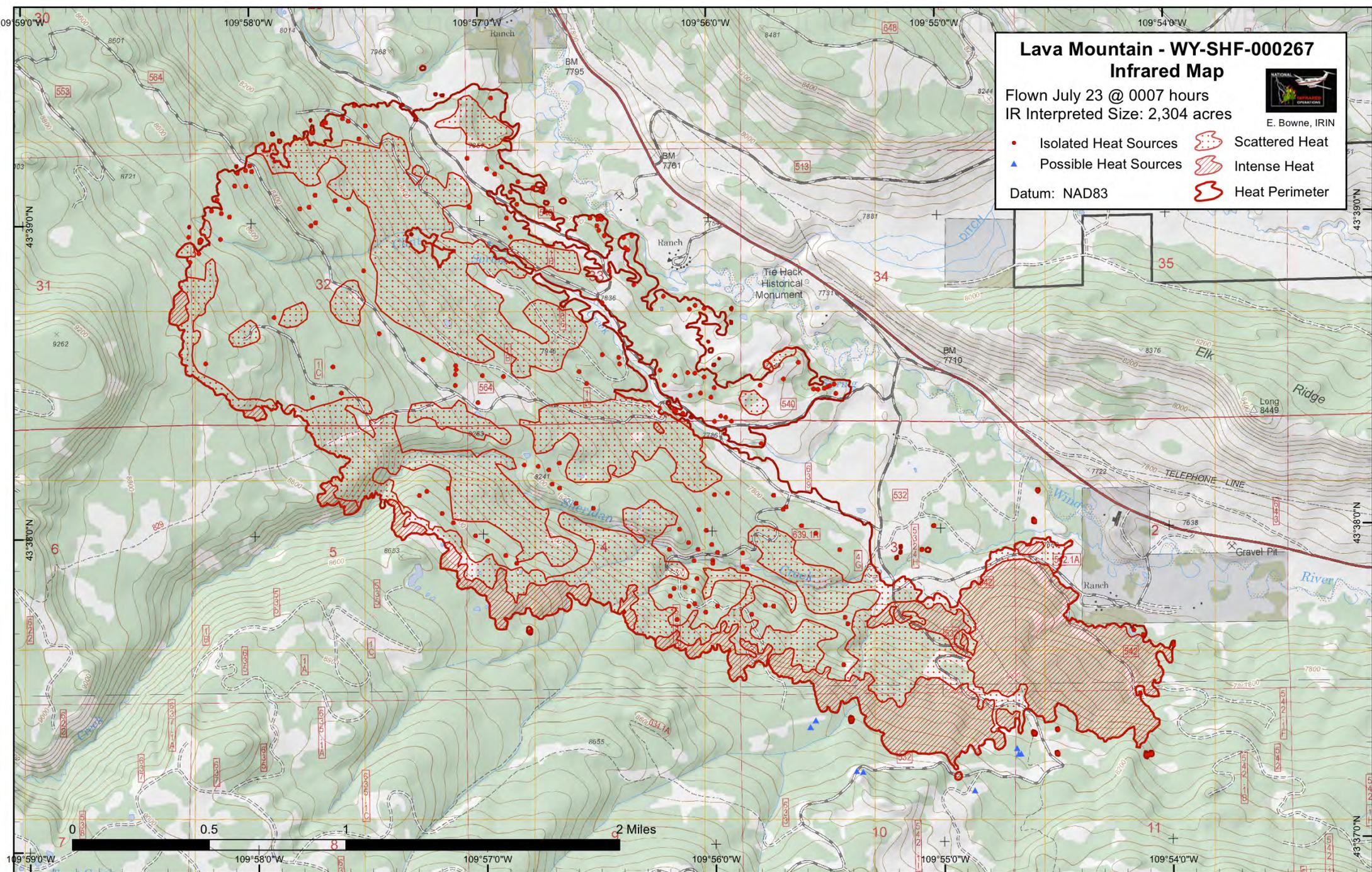
Flown July 23 @ 0007 hours
IR Interpreted Size: 2,304 acres

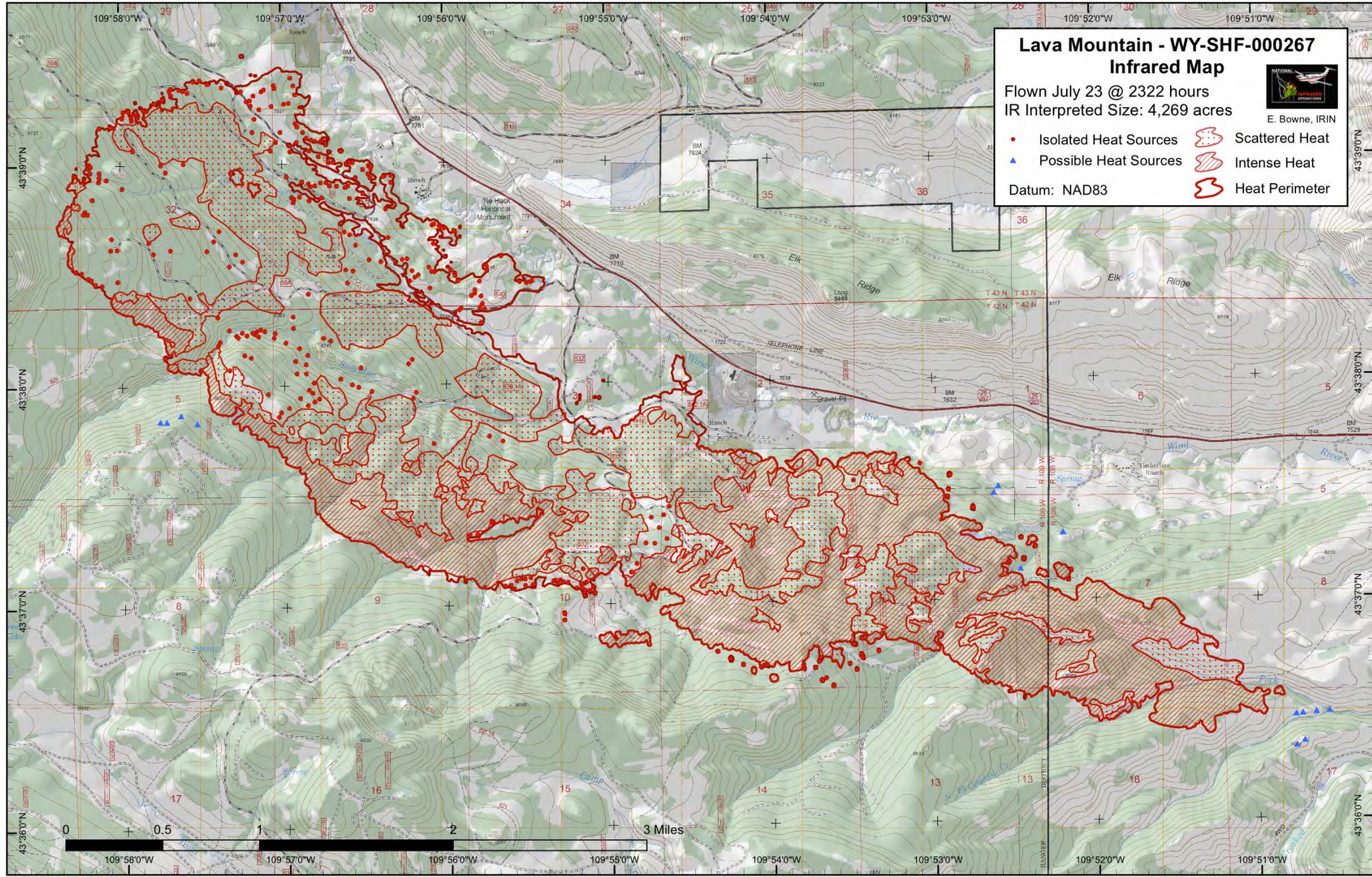


E. Bowne, IRIN

- Isolated Heat Sources
- ▲ Possible Heat Sources
- Scattered Heat
- ▨ Intense Heat
- Heat Perimeter

Datum: NAD83





July 24th

2016

LMF



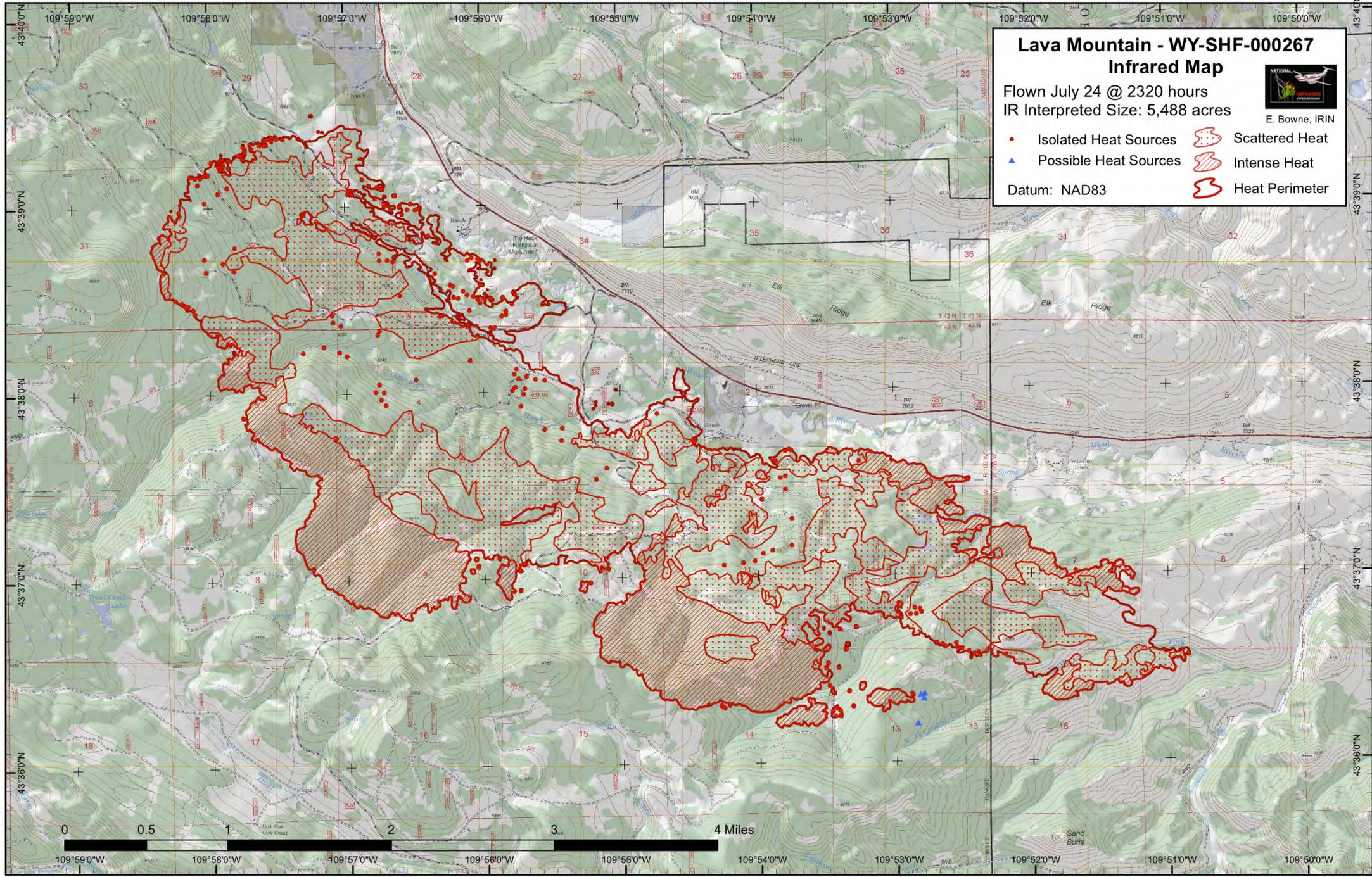
Sunrise on Evac + 2
Sunday, July 24th 2016



July 24th

2016

LMF



Lava Mountain - WY-SHF-000267
Infrared Map
Flown July 24 @ 2320 hours
IR Interpreted Size: 5,488 acres

 E. Bowne, IRIN

- Isolated Heat Sources
- ▲ Possible Heat Sources
- Scattered Heat
- Intense Heat
- Heat Perimeter

Datum: NAD83

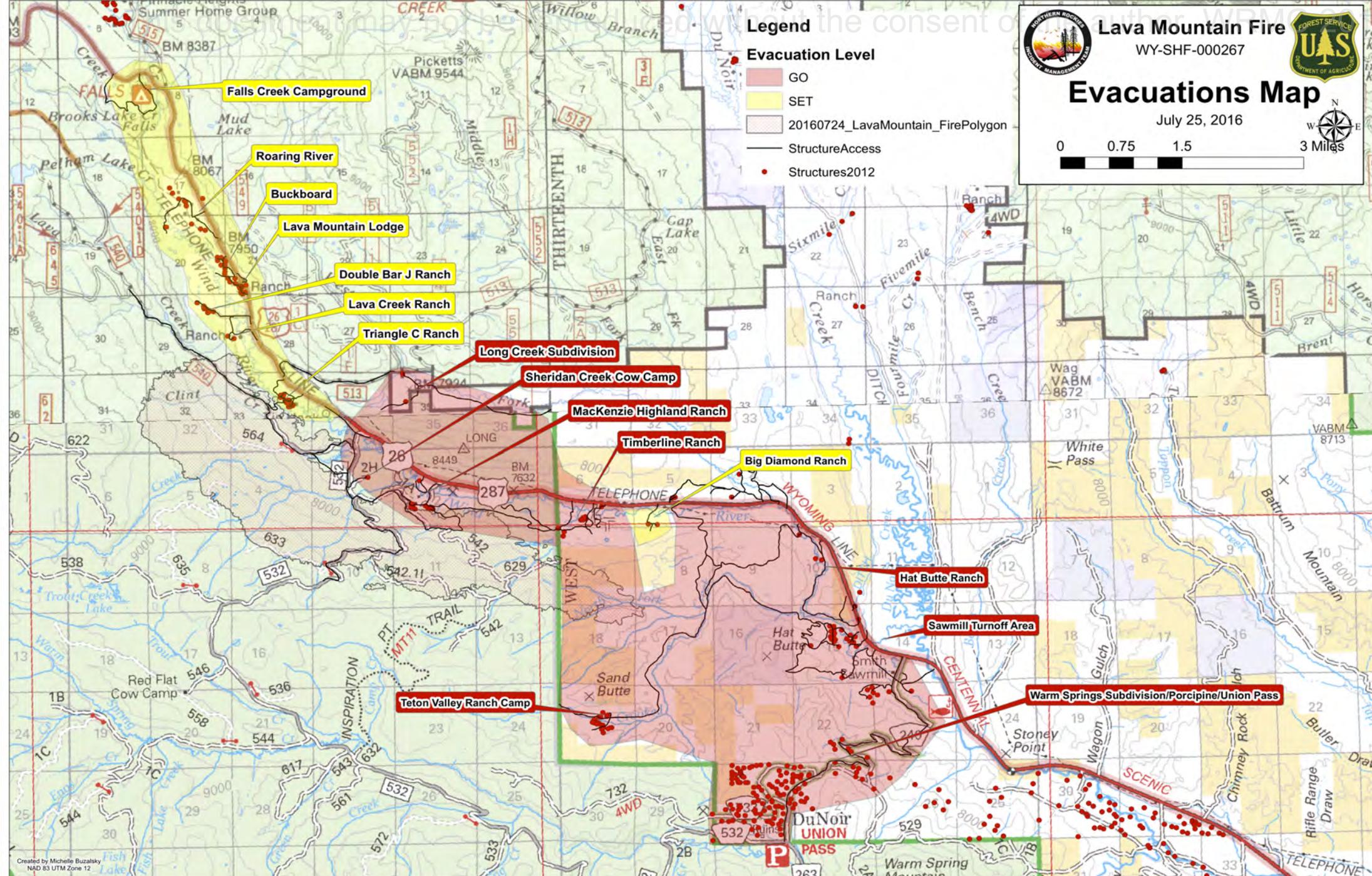




Photo by Jayson Coil



July 25th
2016
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July 25th

2016

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Closing in on Sand Butte'

July 25th 2016



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July 25th

2016

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July 25th

2016

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Jayson Coil



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July 25th

2016

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July 25th

2016

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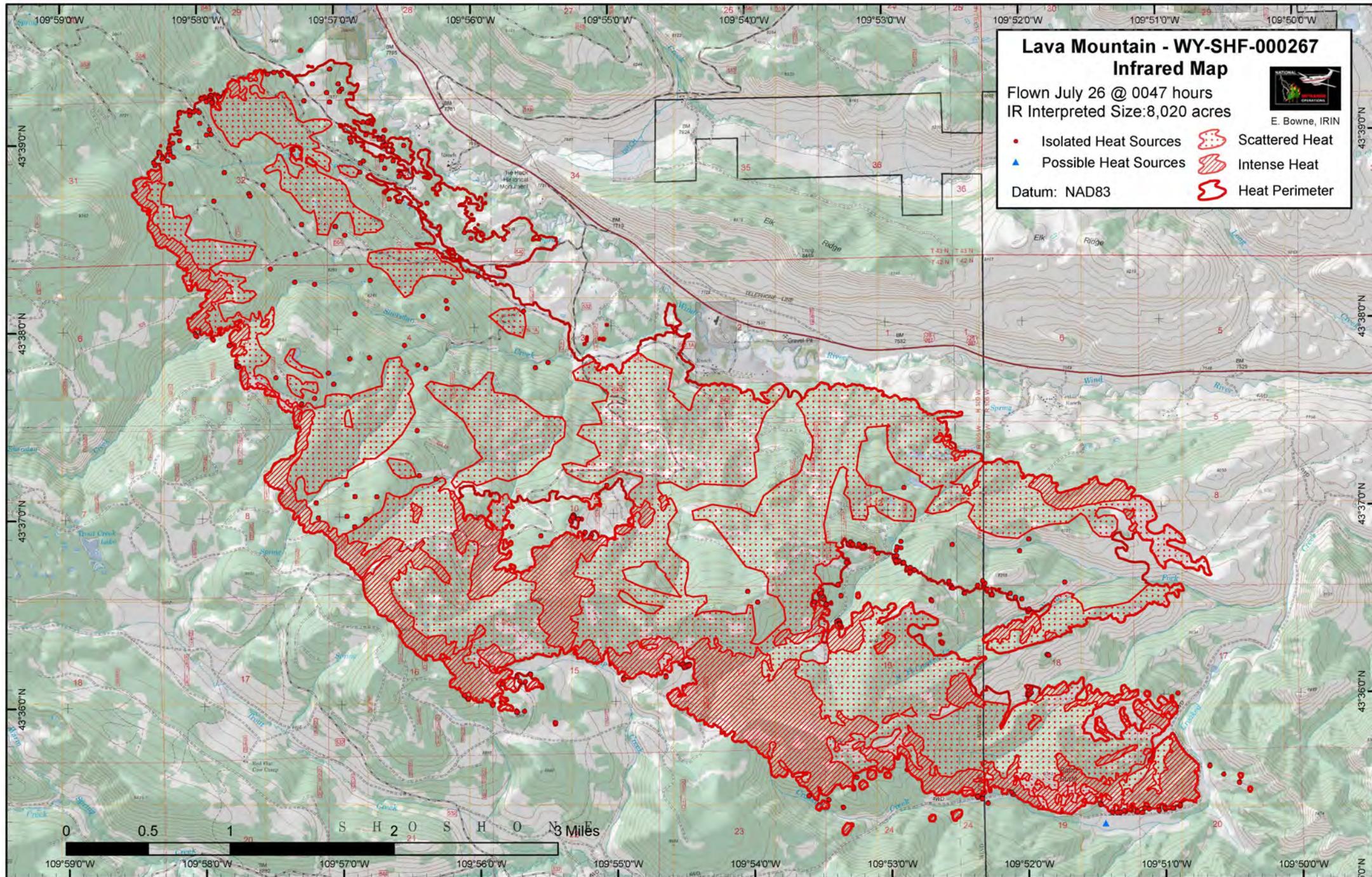


July 26th

12:47AM

2016

LMF



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July 26th

2016

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July 26th
2016
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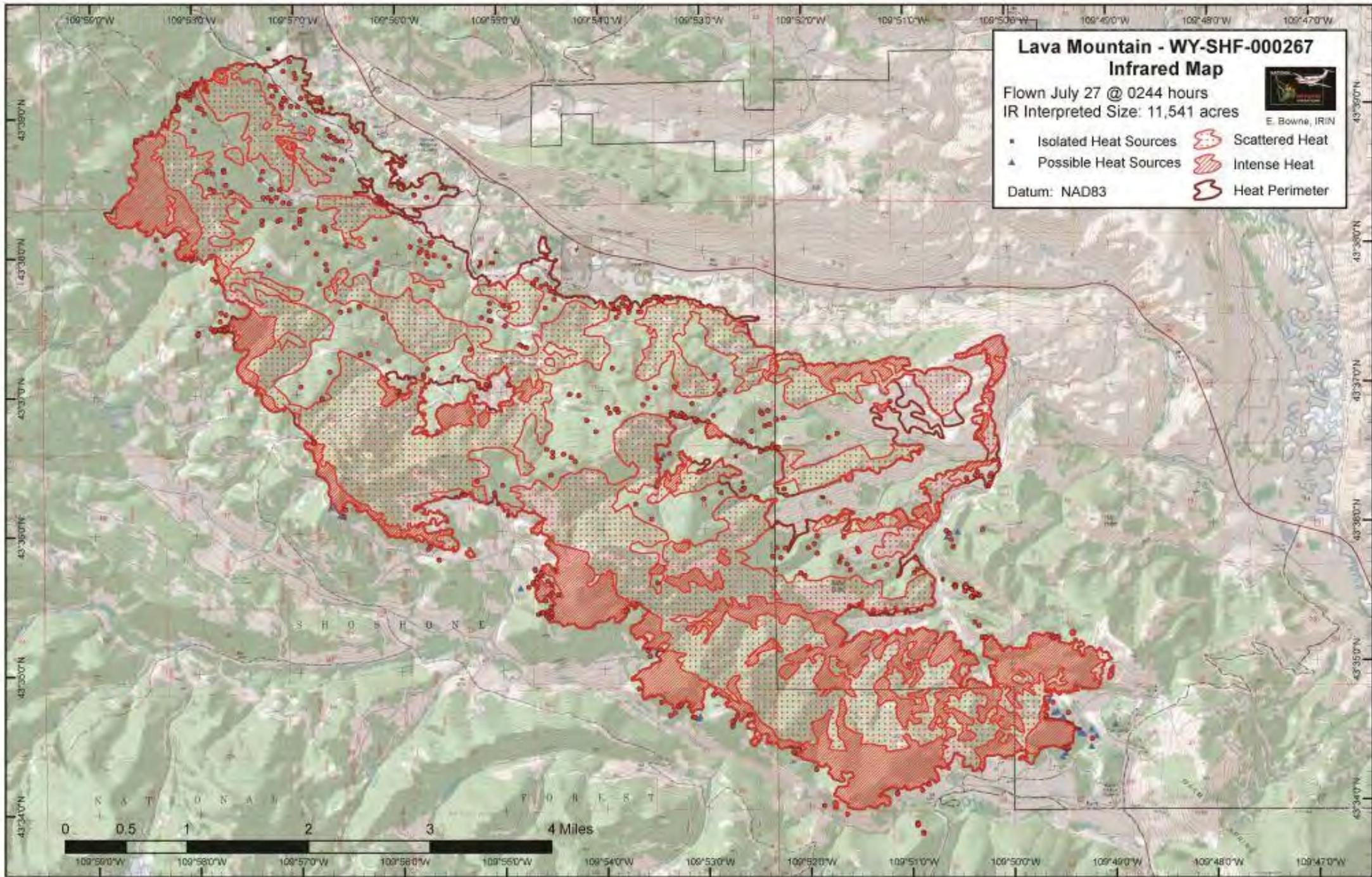




July 27th

2016

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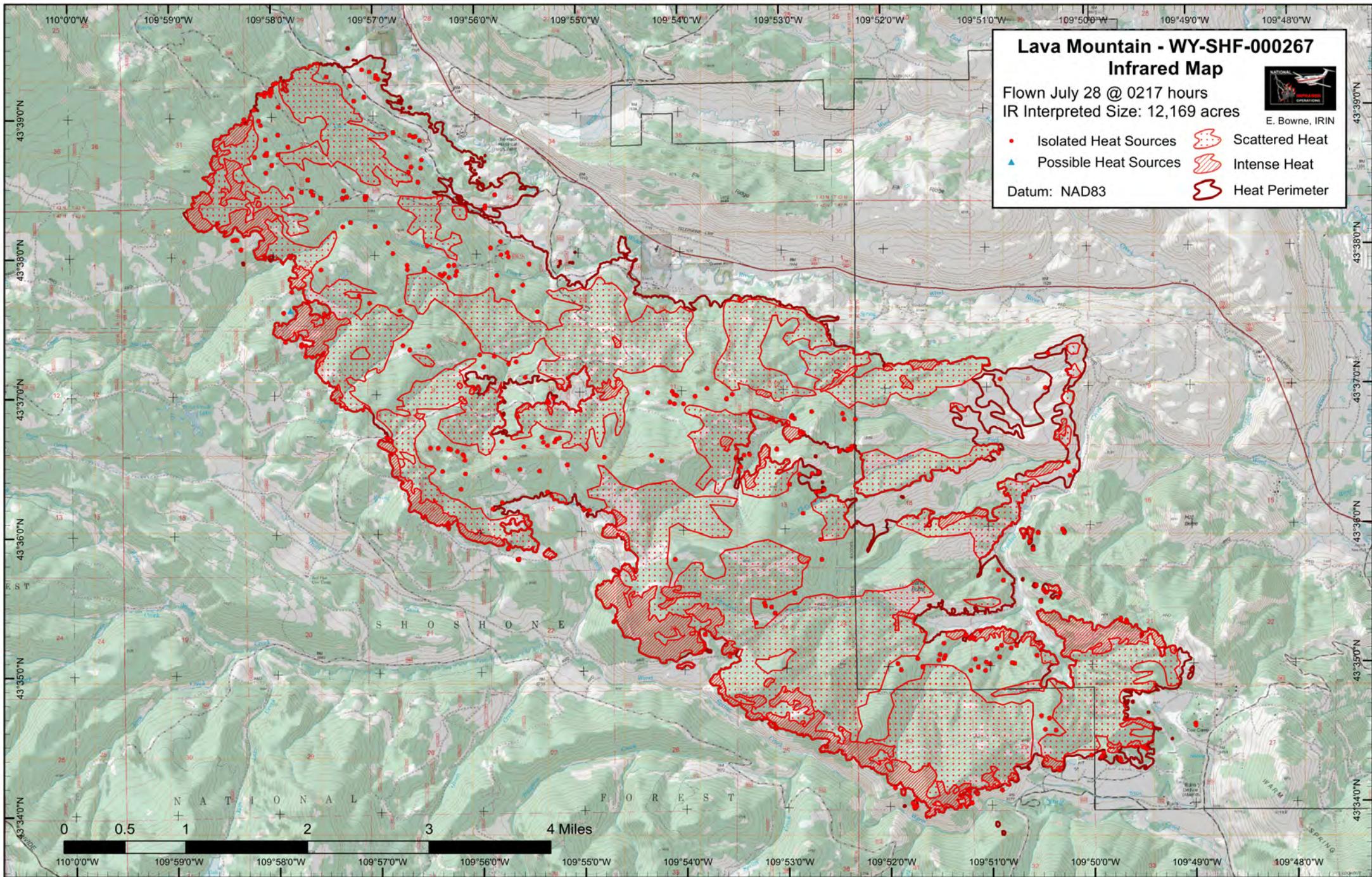




July 28th

2016

LMF







Public Information Containment

Lava Mountain

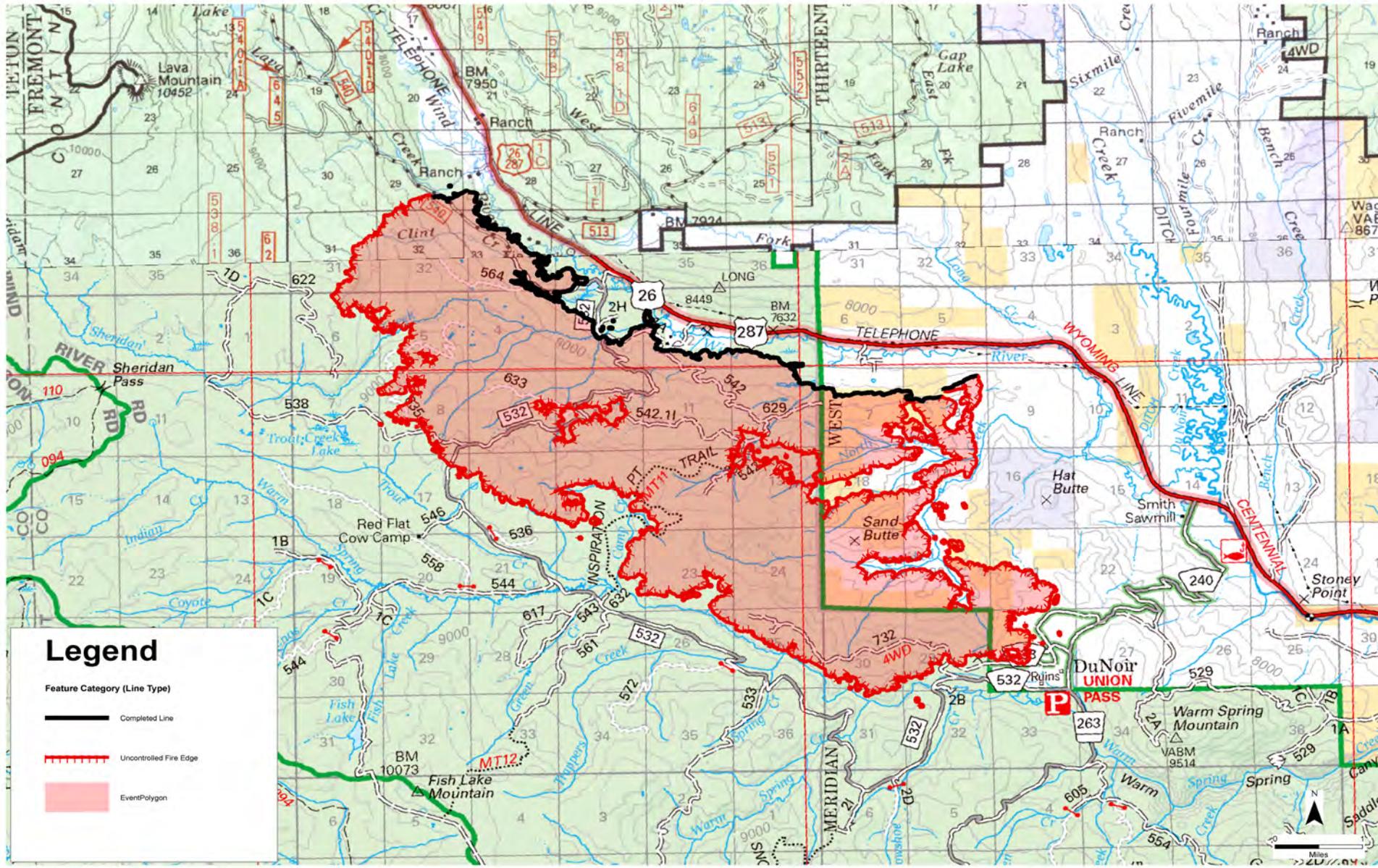
WY-SHF-0267

07/30/2016 0930

July 30th

2016

LMF





Public Information Containment

Lava Mountain

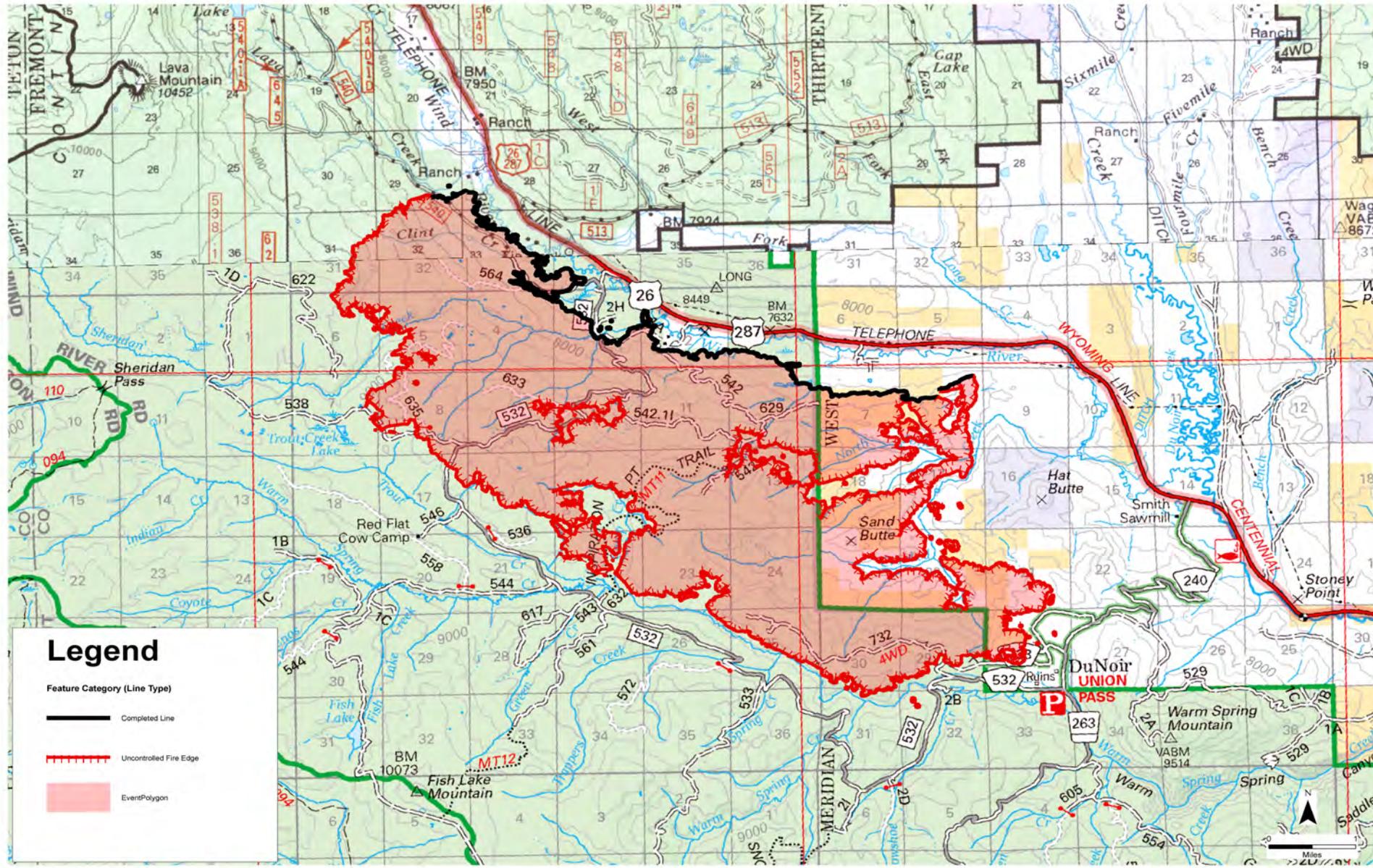
WY-SHF-0267

07/31/2016 0700

July 31st

2016

LMF



Legend

Feature Category (Line Type)

———— Completed Line

- - - - - Uncontrolled Fire Edge

EventPolygon





Public Information Containment

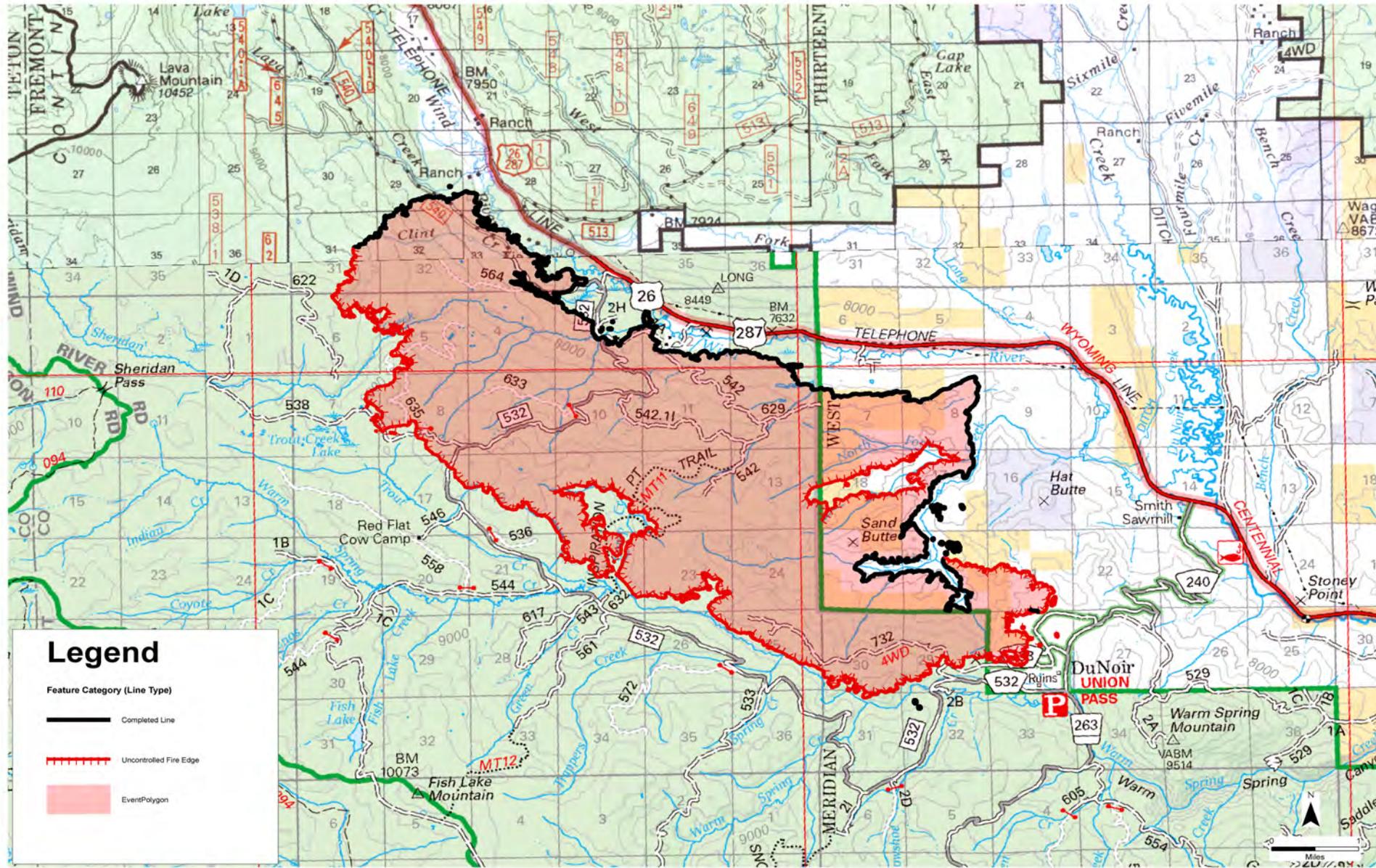
Lava Mountain

WY-SHF-0267

08/1/2016 0600

2016

LMF



Legend

Feature Category (Line Type)

— Completed Line

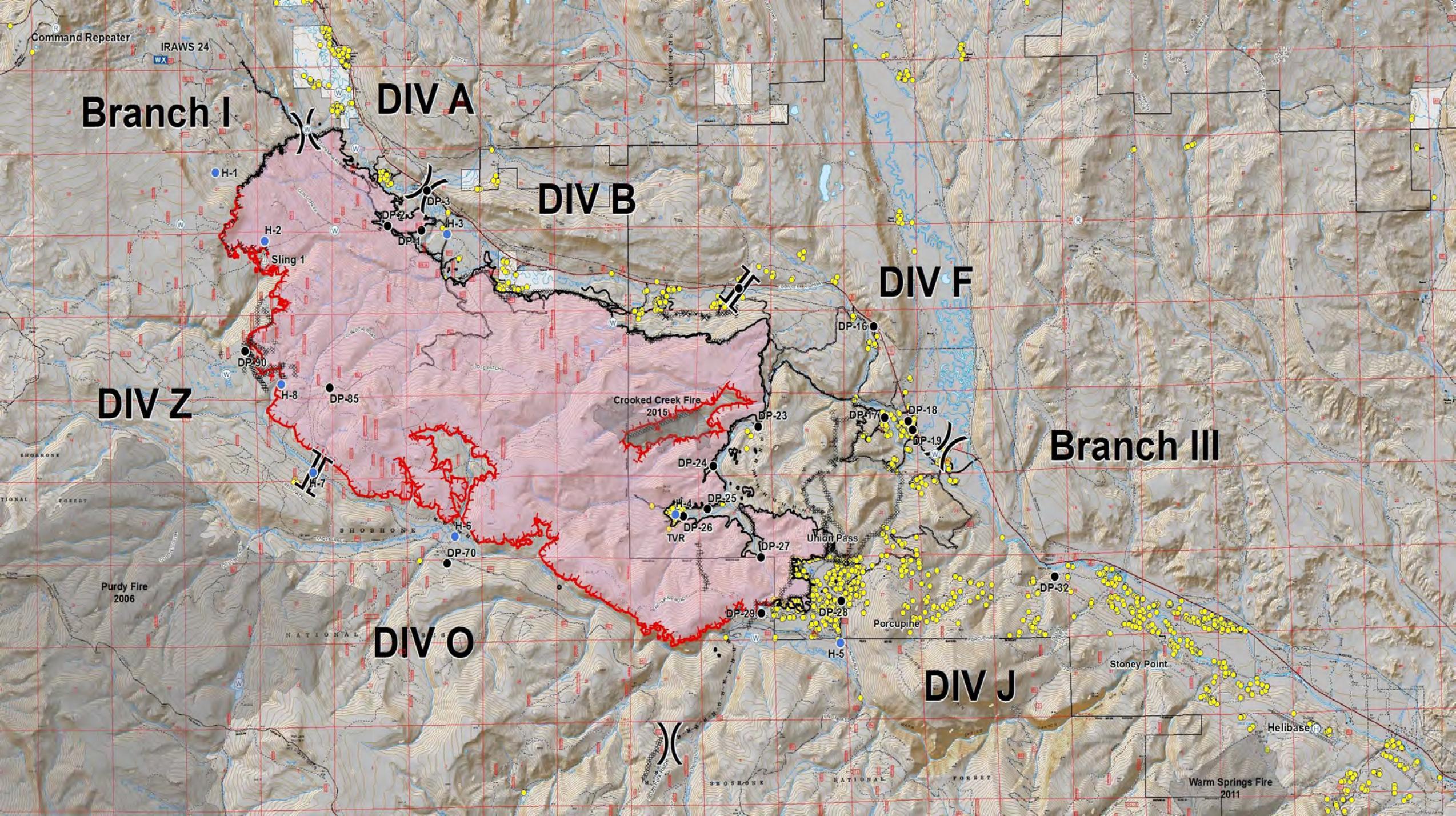
— Uncontrolled Fire Edge

EventPolygon



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Public Information Containment

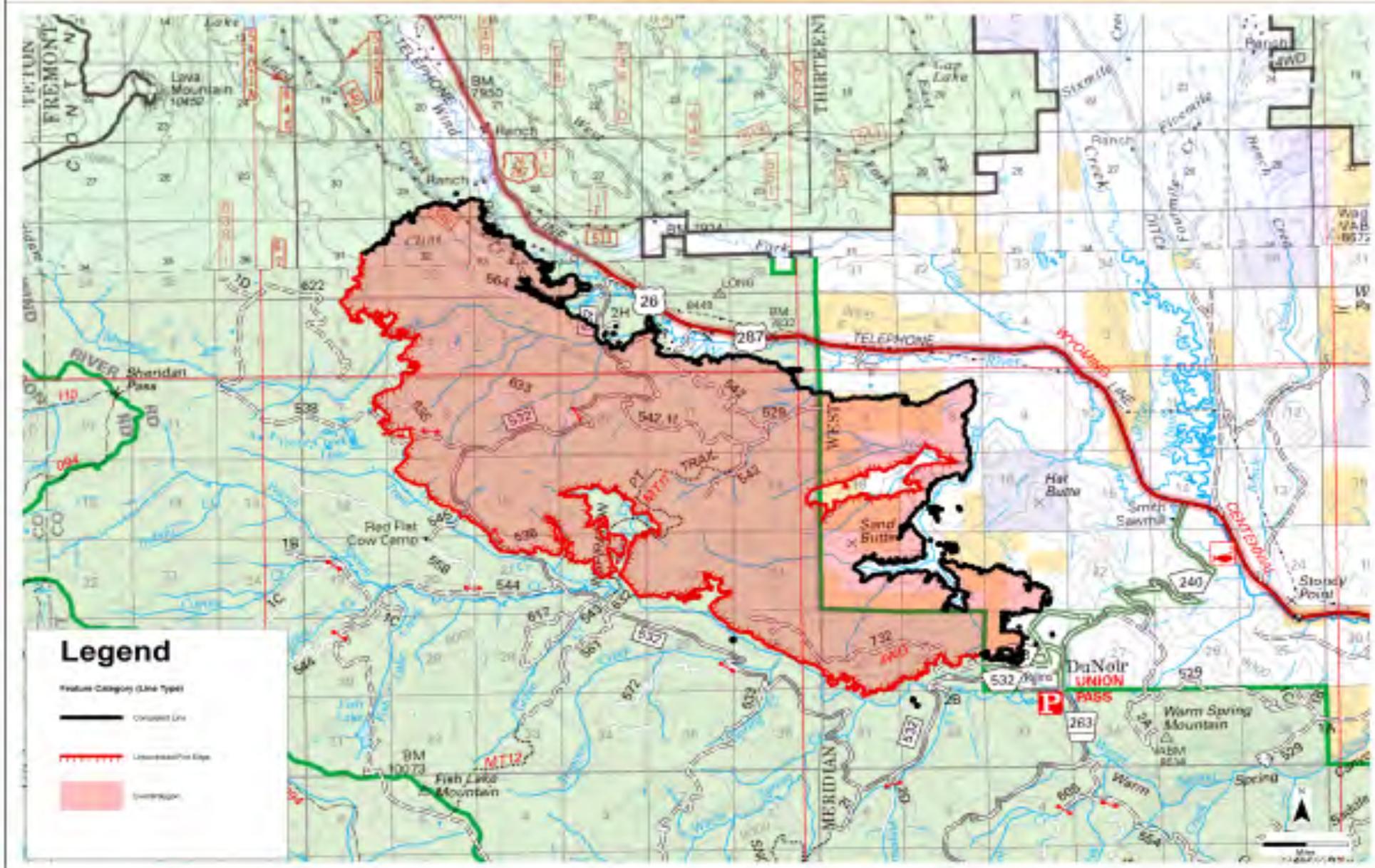
Lava Mountain

WY-SHF-0267

08/2/2016 0800

2016

LMF





Public Information Containment

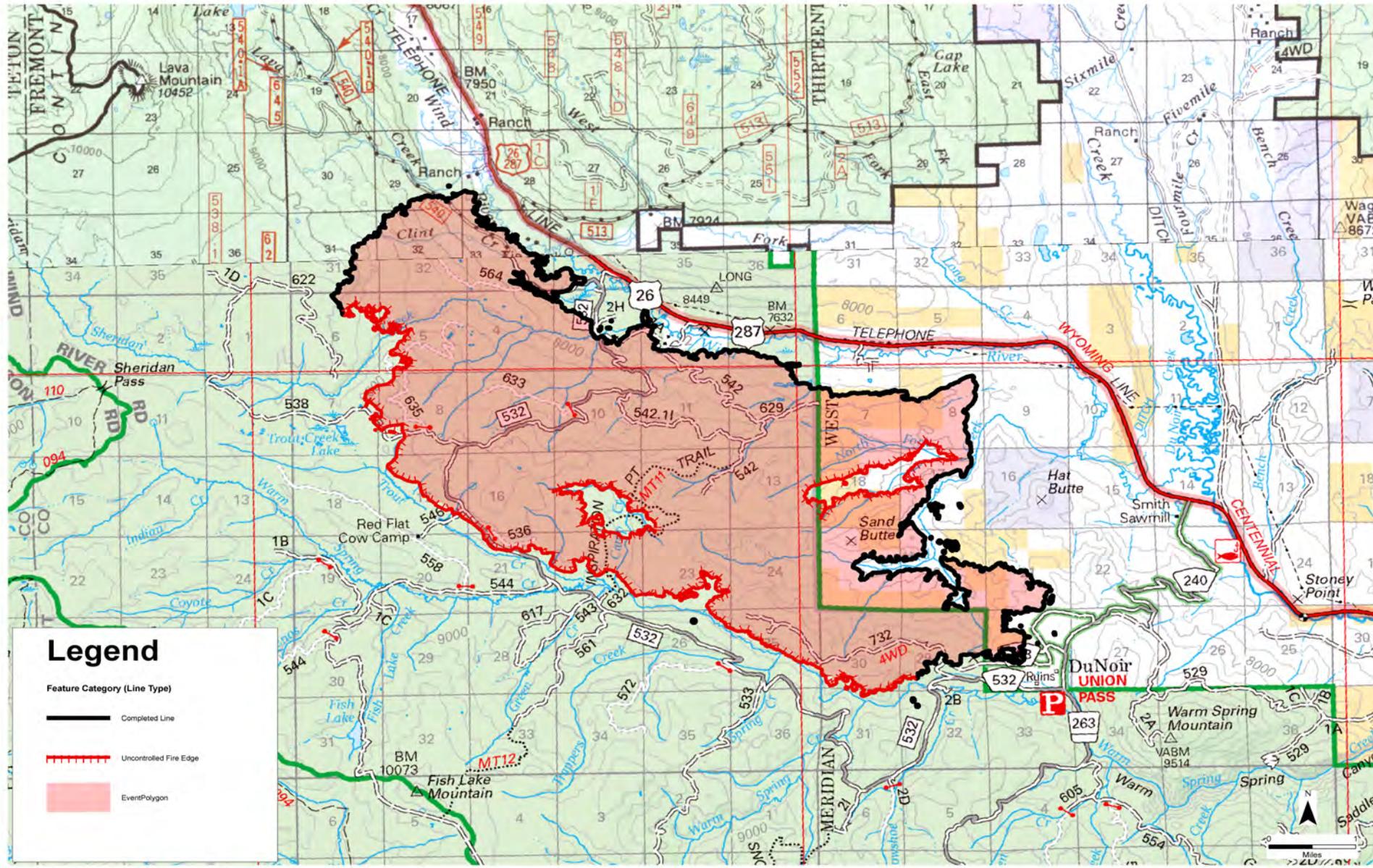
Lava Mountain

WY-SHF-0267

08/3/2016 0600

2016

LMF



Legend

Feature Category (Line Type)

Completed Line

Uncontrolled Fire Edge

EventPolygon





Public Information Containment

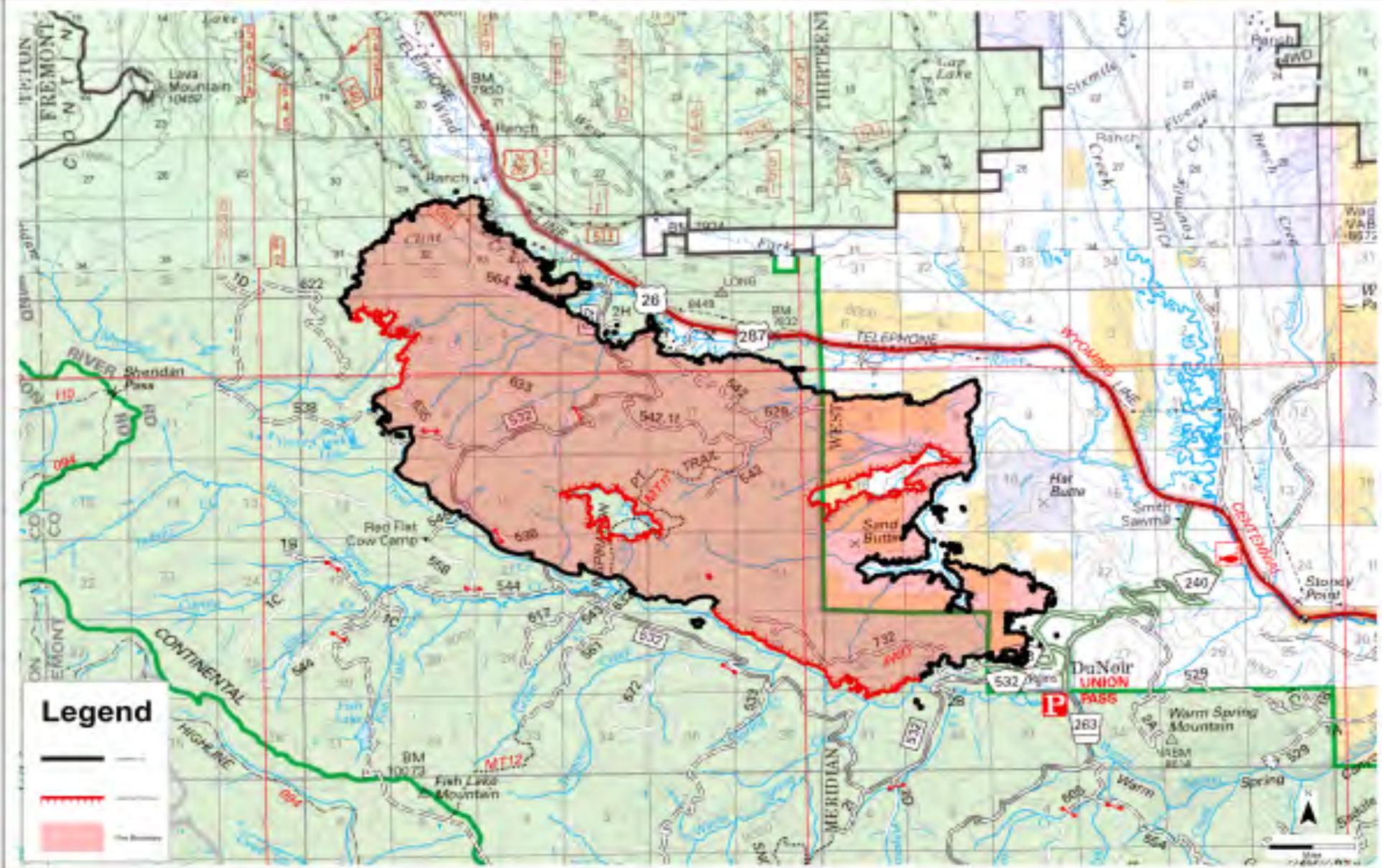
Lava Mountain

WY-SHF-0267

08/5/2016 0600

2016

LMF





Public Information Containment

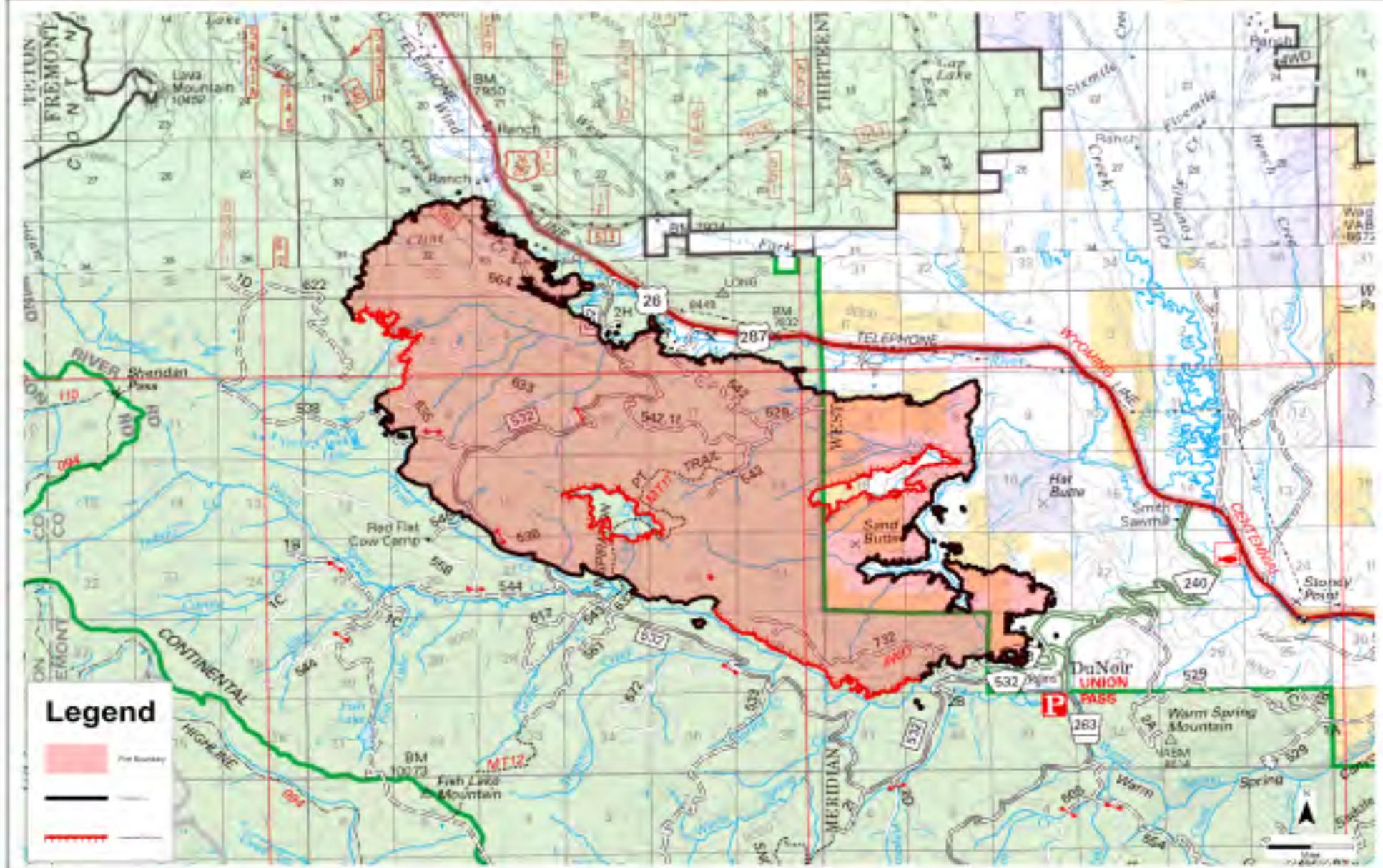
Lava Mountain

WY-SHF-0267

08/6/2016 0600

2016

LMF





Public Information Containment

Lava Mountain

WY-SHF-0267

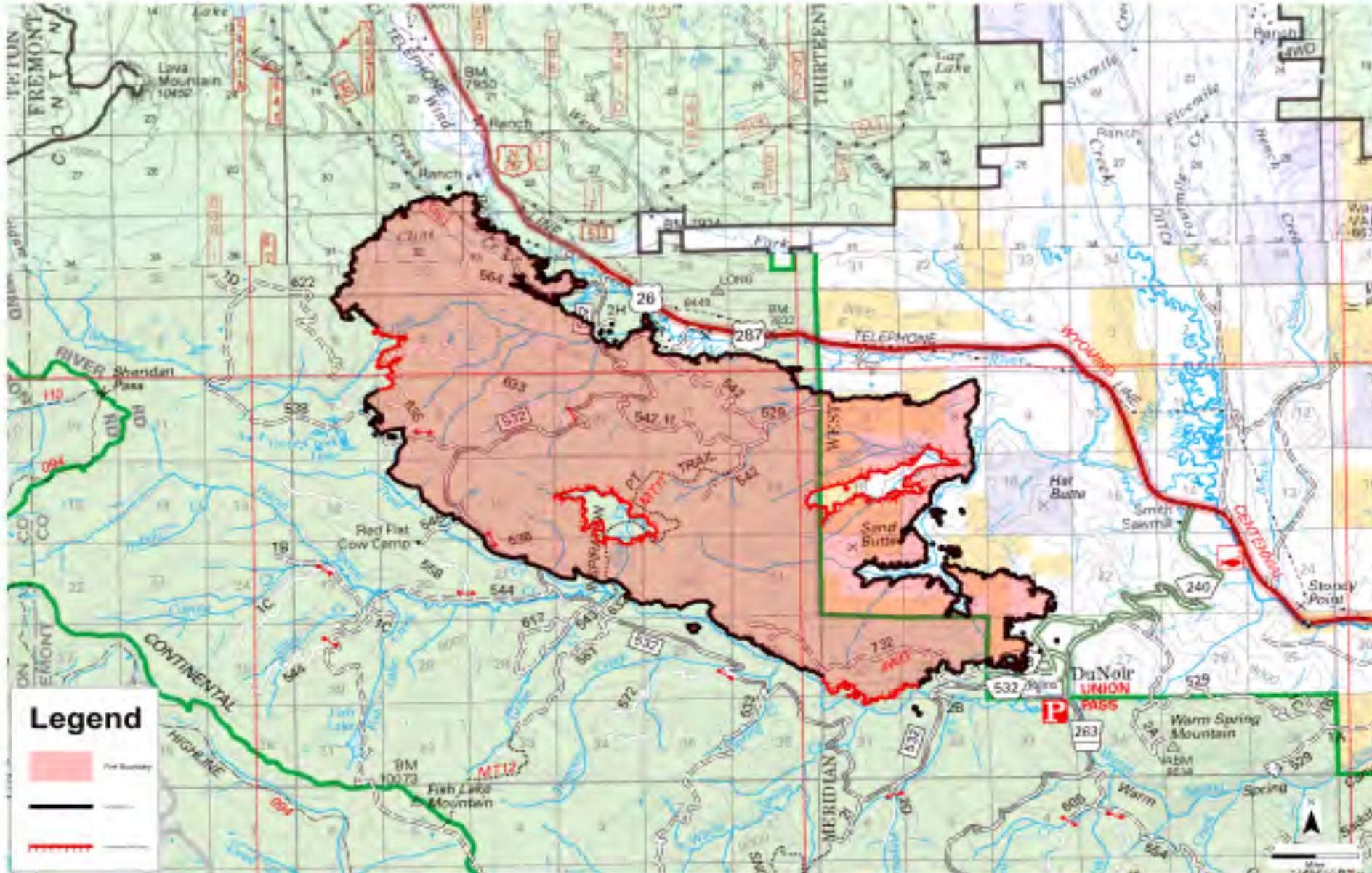
08/7/2016 0600



August 7th

2016

LMF







Timeline of Evacuation

July 15

- Lightning strike...
- smoke reported
- Fire Not Located

July 19

- Lava Mountain Fire Named Girls' Season Opens
- 132 Campers Arrive
- 102 Staff On The Ranch

July 20

- Monitoring the LMF Hourly
- Calls placed with Mike Franchini, Fire (Chief in Dubois), Rick Metzger (District Ranger for NFS)
- Sent Razz and Chef to Dubois to Prep for Possible Evac

July 21

- Leaders from The Type 2 Incident Command Team Visit the Ranch
- Matty does a 3 Hour Tour...a 3 Hour Tour!

July 22

- Fire Threatens TVRC Ranch Evacuation GO 2pm!
- 86 Campers / 88 Staff (44/14)
- Matty Calls Dubois Superintendent
- Bus Drivers Head To TVRC
- Dinner moved from 6pm to 5pm
- Campers and Staff Grab "Go-Bags"
- Busses are loaded at 6:15pm
- Campfire Program starts at 8pm, on schedule!
- Horses

July 23

- Flights out are scheduled through the night and begin to see Campers departing at 7am.
- Parents, family members, friends begin collecting Campers
- At the 24 hour mark 50% of Campers (43) are Signed Out
- Staff Meeting at Noon
- Cattle
- Saddles, Tack, Trunks, Memorabilia

July 24 / 25

- Staff Begin to Get Bored
- Trips From the Field Begin Returning and Campers get Shower, Sleep, and Travel Home
- Hikes, Fly Fishing and Town trip to the "Op-Shop" Thrift Store Planned and Facilitated
- First Sleep Since Evac

Timeline of Evacuation

July 26 th	July 27 th	July 28 th	July 29 th	July 30 th	July 31 st
<ul style="list-style-type: none">• Trips Continue to Return• Half of Seasonal Staff Gets First Day-Off	<ul style="list-style-type: none">• Last Trip Returns• Expeditions Gets Resupply• Camper Comes Off Expeditions Sick• Only 4 Campers left• Staff Departures Begin	<ul style="list-style-type: none">• 0 Campers / 15 Staff• Plans Made to Clear Out From School to Make Room for Red Cross	<ul style="list-style-type: none">• Moved to Wilderness Baptist Church in Dubois• TVRC Ranch Still Actively Burning• 1st FedEx Pick-Up• 0 Campers 10 Staff• Letter Sent to the Whole TVRC Community...Pre cursor to the LMFF	<ul style="list-style-type: none">• 1st Containment Lines Established• 2nd FedEx Pick-Up• Staff Start Returning Gear to the Ranch	<ul style="list-style-type: none">• 10 Staff Begin to Move back to the Ranch• Clean-Up Begins

Timeline of Evacuation



Drills, Drills, Drills!

Live Drill

- Fire (Building Fire and Wildfire)
- Lost Camper (Ranch & Trail)
- Full Ranch Evacuation
- Medical Emergency (Critical)
- Lighting (Ranch and Trail)
- Wild Animal

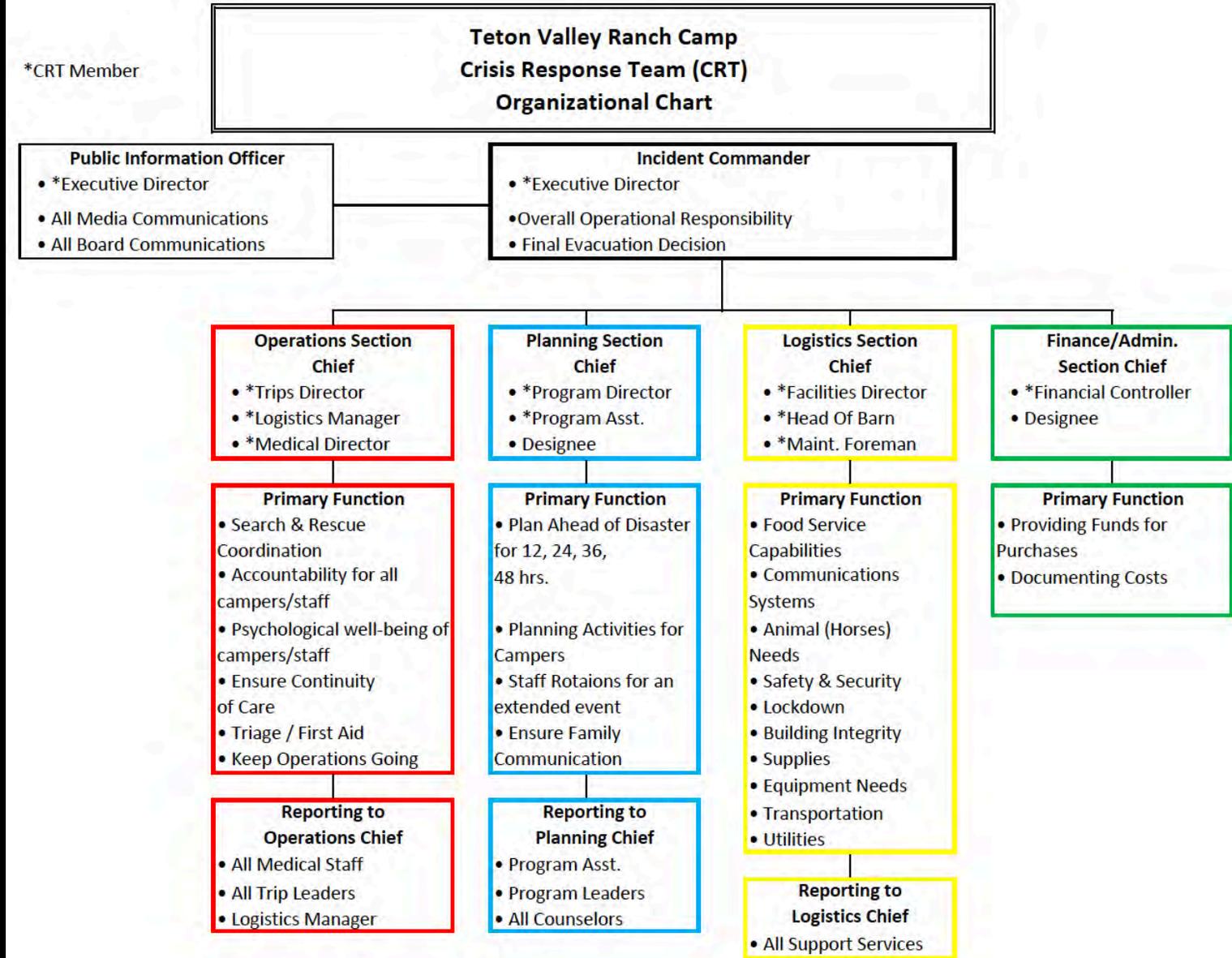
Tabletop Drill

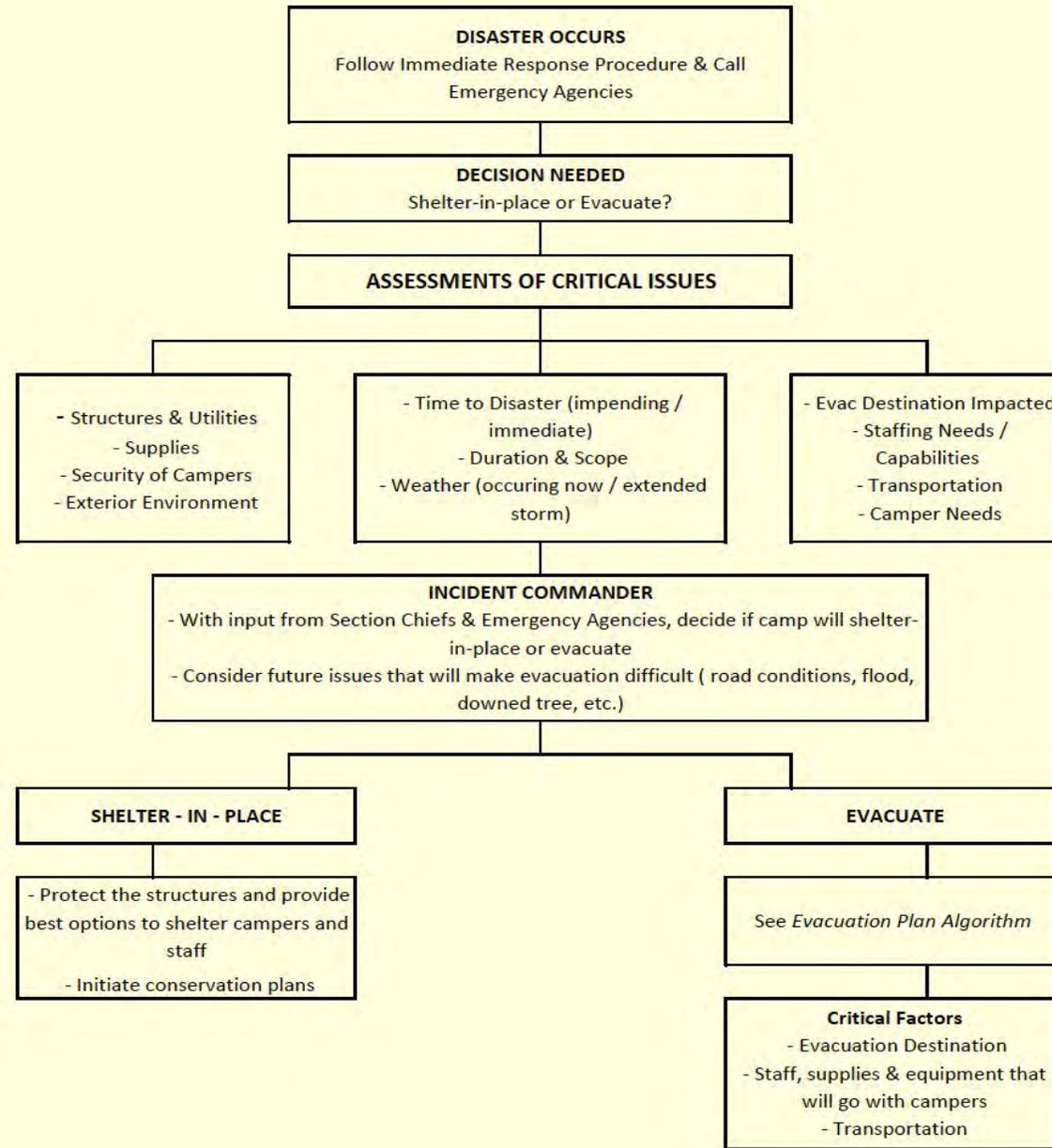
- Intruder / Active Shooter
- Incident Command Structure
- Vehicle Accident

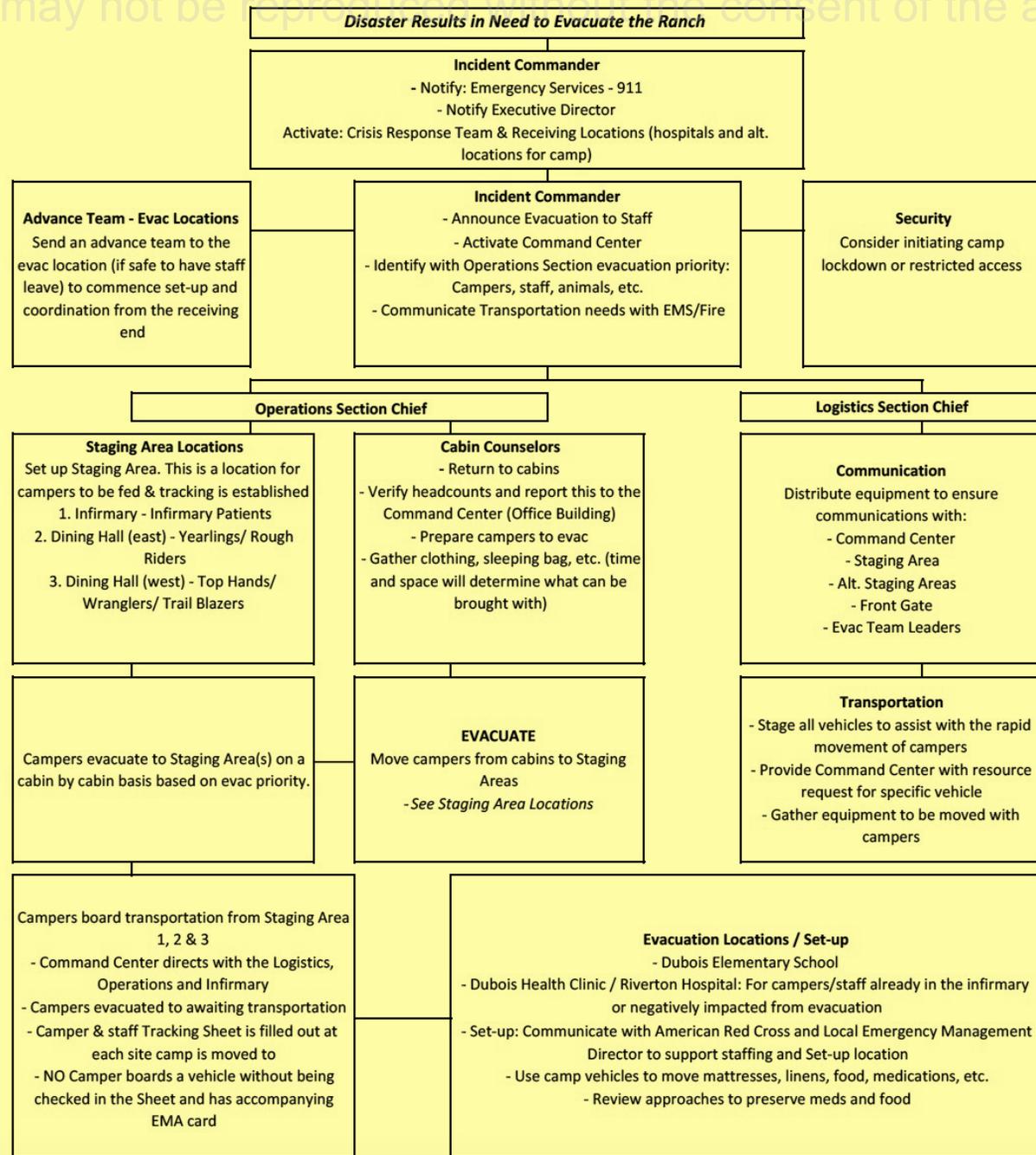


Make Friends With Cool People!

2-way Learning











Nice People

TYRC-E
I
E

First 15 Minutes in the Command Center

1. **Administrative Support:** Solely responsible for setting up the Command Center while the Crisis Response Team (CRT) is responding.
2. **Incident Commander (IC):** Solely responsible for EVERYTHING until duties are delegated.
3. **IC:** Ensure 9-911 has been called, if necessary. Activate the CRT and the Command Center, and notify the CEO.
 - If a lost camper/staff event, prepare teams to deploy into their search quadrants.
4. **IC:** Gather basic intelligence/information. **Clearly define the problem.**
5. **IC:** Establish key positions. Identify them with vests, tags, or other means. Brief them on the nature of the problem.
6. **IC:** In collaboration with the Section Chiefs, establish Incident Priorities.
 - a. **Life Safety (immediate threats to campers/staff/visitors)**
 - b. **Incident Stabilization**
 - c. **Property Conservation**
7. **IC:** Develop Incident Objectives to address **immediate** strategies. Consider what actions must be accomplished in the short term and long term. These will be refined by the Section Chiefs in the Section Incident Objectives. **POST** and **COMMUNICATE** the immediate objectives.
8. **Command Staff and Section Chiefs:** Focus on Incident Objectives and assign key positions to support achieving these objectives.
9. **IC:** Ensure all communications system are functioning:
 - **Internal Communications:** *Ensure all systems are functional for inbound and outbound communications.*
 - **External Communications:** *Establish direct communications with the local emergency responders, Jackson Office or other entities as appropriate.*
10. **IC:** Ensure the mechanisms for gathering priority data are established and posted where applicable (document recorders, forms).
11. **Public Information Officer:** Prepare a *short notification* to be distributed for all staff for consistency on the situation status and be prepared to distribute to media, family and campers.
12. **IC: Emergency Operations Plan:** Ensure the plan is available and the tools are distributed to the CRT and Leadership Team to be successful in their roles.

It is the #1 priority to prevent any further harm in the event of an emergency!

IL
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JOB ACTION SHEETS (DUTIES & RESPONSIBILITIES)

Incident Commander (Executive Director or Operations Director)

- Ensure all appropriate overhead pages have been made calling out any specific "CODE" that drive immediate actions from staff and leadership
- Ensure all potentially effected campers and staff are safe and out of potential danger (in a secure area)
- Ensure 9-911 has been called, when applicable
- Notify all parties of the CRT activation over walkie-talkie, overhead page or direct phones
- SEE 1ST 15 MINUTES IN THE COMMAND CENTER**
- Ensure Board President has been notified of incident and request presence on site, if necessary
- Refer to Event-specific Procedures for managing the different disaster responses
- In consultation with CEO, oversee the CRT on Camp through the duration of crisis
- Collect data about the event and prepare to brief CRT members when they arrive. Focus On:
 - Safety & Security – How to protect campers and staff from immediate threats
 - Continuity of Care – Are you able to provide appropriate medical care to support campers or victims
 - Resources & Assets – What does the camp need to continue operations
 - Communications – Are you able to communicate within the camp and to outside agencies
 - Staffing – Are there additional staff necessary to support an extended event and does the existing staff understand their roles & responsibilities
 - Utilities – What is necessary to bring the camp to 100% operational status
- Meet with CRT members and brief them. An Incident Briefing should include:
 - Nature of the problem (incident type, victim count, injury/illness type, etc.)
 - Safety and security of campers, staff and visitors
 - Risks to personnel and need for protective equipment
 - Risks to the camp
 - Estimated duration of incident
 - Need for modifying daily operations
 - CRT positions / team required to manage the incident – Are all positions necessary and only staff required positions (PIO, Safety/Security, Operations Section, Planning Section, Logistics Section, Finance/Administration Section)
 - Overall community response actions being taken – what is happening around you based on the severity of the event
- Ensure the PIO is establishing plans for communications to staff, media, families, etc.
- When directed by the PIO, notify (or have a designee notify) families of staff members involved in incident and ensure the Operations Section Chief is communicating with the camper(s) family(ies)
- Ensure the Planning Section is looking out 12, 24, 36 & 48 hours from the time of the incident to project overall needs (rest time for staff involved or bringing in relief staff, etc.)
- If evacuation of the camp is required, see the Evacuation Plan
- Establish a timeframe for briefings (every 30 minutes, every hour on the hour, etc.)
- Meet with the Camp Psych-Social Professional for all recovery actions to support leadership, staff and campers
- Establish a process for data collection "post-event" to work with the CRT and prepare a review of the event and an After Action Report for the CEO for short and long term improvements



**A RESOLUTION OF GRATITUDE FROM
THE TVRC EDUCATION FOUNDATION TO
THE DUBOIS VOLUNTEER FIRE DEPARTMENT**

WHEREAS, The TVRC Education Foundation provides a western adventure in the heart of the Wyoming wilderness for boys and girls each summer; and

WHEREAS, it is the wildness of those lands that has inspired the imaginations of campers for generations; and

WHEREAS, it is because of that wildness that TVRC's very existence depends upon the willingness of the members of the Dubois Volunteer Fire Department to leave their homes and families at a moment's notice and risk their lives to save our camp; and

WHEREAS, in July 2016, the members of the Dubois Volunteer Fire Department joined the battle against the Lava Mountain Fire and in doing so defended TVRC as if it were their own; and

WHEREAS, those volunteers served as a critical component of the Incident Command team by assessing conditions at TVRC on a daily basis and providing important information at Incident Command meetings; and

WHEREAS, when the battle was over and the smoke cleared, TVRC was saved; and

WHEREAS, it was evident at all times that the members of the Dubois Volunteer Fire Department performed with selflessness, professionalism, and character; and

WHEREAS, in doing so, they helped bring order to the chaos and hope to the feeling of hopelessness; and

WHEREAS, when camp resumes at TVRC, the efforts of the Dubois Volunteer Fire Department will serve as an enduring model of civic duty and compassion for others;

NOW, THEREFORE, BE IT FORMALLY RESOLVED THAT: The Board of Directors of The TVRC Education Foundation wishes to express its profound gratitude to the members of the Dubois Volunteer Fire Department, and wishes to confer on them the honorary title of TVRC Rough Riders.

Jennie Berliant • Karen Casey • Mike Duncan • Annie Egan • Christopher Hadley
Peter Kenyon • Betsy Martindale • Robbin Mommsen • Walter McLallen • Wilhelm Northrop
Joe Ragland • Kate Schutt • Crossan Seybolt

October 2016

One Slide About Insurance... Dun-Dun Dah!!

Under our policy, Business Income Loss is defined as:

“The expected net profit not realized”

and

“Continuing normal expenses, including payroll incurred in order to be able to resume operations with the same quality of service”

4 Take Aways

RMP vs. EOP

RMP = Overarching acknowledgement of risk and outline of policy and procedure for addressing them

EOP = Specific and functional document designed to provide reference and guidance in a crisis situation

It's True...You Can't Over-Communicate...With Parents and Participants

With Participants it's crucial to address their concerns with clear and age-appropriate information

With Parents you need to anticipate questions and communicate with confidence and consistency

A Crisis is No Time for Panic...or Planning

Fostering a sense of calm at the time of the Crisis starts well before the "Event" that caused the Crisis

Knowing what to do when the Crisis starts spinning is a matter of Pre-Crisis Planning

Make a Plan...Review the Plan...Practice the Plan...EXECUTE ON THE PLAN!

'nuff said



Thank You!

Matthew Cook, MSW

mcook@tvrccamp.org

307-690-7496

TETON VALLEY RANCH CAMP

