

Bacon Rind Fire

Incident Action Plan

Sunday July 29, 2017
Custer Gallatin National Forest

PUBLIC



“Risk Management doesn’t get in the way of doing the mission – it is the way we do the mission.” The Risk Management Process assists in ensuring that critical factors and risks of the fireline work environment are considered during decision making. Good risk management utilizes a five-step process:

Step 1 – Situational Awareness:

Obtain information. Scout the fire. Identify hazards—those likely to result in a negative impact.
Consider all aspects of current and future situations.
Consider known historical problem areas. (Apply information from the Fire Danger Pocket Card.)
Recognize the need for action. Demonstrate ongoing awareness of fire assignment status. Note deviations.
Attempt to determine why discrepancies exist with information before proceeding.

Step 2 – Hazard Assessment:

Assess hazards to determine risks (e.g., fire behavior, snags, unburned fuels, work/rest).
Use the Look Up, Down, and Around; and the Tactical Watch Outs (both located in the Incident Response Pocket Guide) to identify high-risk tactical hazards.
Assess the impact of each hazard in terms of potential loss, cost, and mission/operational degradation based on probability and severity (probability—how likely an event will occur; severity—consequences if the event occurs). Keep in mind that increased exposure time increases probability.

Step 3 – Hazard Control:

Determine the best approach to mitigate or control the risk from the hazards assessed.
Establish controls (e.g., anchor point, LCES, utilize downhill checklist, limit exposure time).
As control measures are developed, reevaluate each risk until it is reduced to a level where benefits outweigh potential costs.

Step 4 – Decision Point (decision to accept or not accept the risk(s) associated with an action):

Consider whether controls are in place for identified hazards, whether selected tactics are based on expected fire behavior and if instructions have been given and understood.
Make certain the decision is made at the appropriate level; if not, then elevate to a higher level.
Reject the action if the risk is unacceptable.



Step 5 – Evaluation:

Ensure controls are implemented and accomplished to standards.
Supervise/evaluate effectiveness of controls and decisions. Stay on top of the situation and adjust risk controls as necessary.
Anticipate consequences of decisions; if controls do not work, determine problem and derive a better solution.
Adjust actions as the situation changes; maintain situational awareness at all times.
Maintain feedback line.

MT-CGF-000095 P1L06418 (0111)

Cost Center: PPIMIMRO2D WBS: PF.FSL064018.00.1

ICS Form 202

INCIDENT OBJECTIVES	1. INCIDENT NAME Bacon Rind	2. DATE 7-29-18	3. TIME
4. OPERATIONAL PERIOD (DATE/TIME)			
5. GENERAL CONTROL OBJECTIVES FOR THE INCIDENT (INCLUDE ALTERNATIVES)			
<p>Leader's Intent:</p> <p>The highest priority will be focused on minimizing risk to firefighters and the public, by continually using the risk management process.</p> <p>It is the expectation that every person assigned in any type of leadership role does a risk assessment and provides the appropriate mitigation measures prior to engaging in any activity. If a hazard cannot be mitigated to an acceptable level, the issue will be elevated to the next level.</p> <p>Management Requirements:</p> <ul style="list-style-type: none"> - Ensure firefighter and public safety is the first priority in every operation. - Maintain and develop relationships with adjacent communities, agencies, cooperators, concessionaires and other stakeholders while providing timely and consistent information coordinated with the USFS. A common message will be communicated thru all channels. <p>Incident Objectives</p> <ol style="list-style-type: none"> 1. Minimize Impacts to identified values at risk, including Black Butte Ranch, Elkhorn Ranch, Highway 191, powerline corridors and trail infrastructure. 2. Balance resource value with suppression impacts; where and when appropriate, allow fire to play its natural role in the wilderness ecosystem as a process of ecological change. 3. Minimize impacts to natural and cultural resources, watersheds, and threatened and endangered species. Minimize suppression impacts in the Lee Metcalf Wilderness by allowing no mechanized equipment unless approved by the line officer. 4. Minimize potential bear/human interactions. All personnel assigned to the incident must comply with the Food Storage Special Order 36 CFR 261.58, in effect for the Greater Yellowstone Ecosystem (GYE). 			
6. WEATHER FORECAST FOR OPERATIONAL PERIOD		*See attached	
7. GENERAL SAFETY MESSAGE		*See attached	
<p>Primary risk factors are remote and isolated work areas requiring a functioning communication system and aviation hazards. One of the greatest incident risk is driving Hwy 191. Beware of your safety and public watching the fire.</p>			
8. Attachments (☑ if attached)			
☑ Organization List (ICS 203)	☑ Medical Plan (ICS 206)	☑ Weather Forecast	_____
☑ Assignment List (ICS 204)	☑ Incident Map	☐ _____	_____
☑ Communications Plan (ICS 205)	☐ Traffic Plan	☐ _____	_____
9. PREPARED BY (PLANNING SECTION CHIEF)		10. APPROVED BY (INCIDENT COMMANDER)	
			

Organization Assignment List, ICS Form 203

ORGANIZATION ASSIGNMENT LIST		1. INCIDENT NAME Bacon Rind	2. DATE PREPARED 7/28/18	3. TIME PREPARED
POSITION	NAME	4. OPERATIONAL PERIOD (DATE/TIME) Day July 29		
5. INCIDENT COMMAND AND STAFF		9. OPERATIONS SECTION		
INCIDENT COMMANDER	Jay Fassett 8/3	CHIEF	Drew Brown	
DEPUTY ICT3t	Jim Gunning 8/3	DEPUTY t	Brian Koscielniak	
SAFETY OFFICER	Brian Wilson	a. BRANCH I- DIVISION/GROUPS		
INFORMATION OFFICER	Marianne Baumberger	BRANCH DIRECTOR		
LIAISON OFFICER	Molly Moore	DEPUTY		
6. AGENCY REPRESENTATIVES		DIVISION/GROUP		
AGENCY	NAME	DIVISION/ GROUP		
USFS	Corey Lewellen	DIVISION/ GROUP		
Gallatin Co.	Patrick Lonergan	DIVISION/GROUP		
DNRC	Greg Archie	DIVISION /GROUP		
Yellowstone NP	John Cataldo	b. BRANCH II- DIVISIONS/GROUPS		
7. PLANNING SECTION		BRANCH DIRECTOR		
CHIEF	Todd Opperman	DEPUTY		
DEPUTY		DIVISION/GROUP		
RESOURCES UNIT		DIVISION/GROUP		
SITUATION UNIT		DIVISION/GROUP		
DOCUMENTATION UNIT		DIVISION/GROUP		
DEMOBILIZATION UNIT		DIVISION/GROUP		
TECHNICAL SPECIALISTS		c. BRANCH III- DIVISIONS/GROUPS		
GISS	Howard Williams	BRANCH DIRECTOR		
LTANT	Todd Erdody	DEPUTY		
REAF (USFS)	Randy Scarlett	DIVISION/GROUP		
REAFt (NPS)		DIVISION/GROUP		
8. LOGISTICS SECTION		d. AIR OPERATIONS BRANCH		
CHIEF	Lloyd Kortge	AIR OPERATIONS BR. DIR.		
DEPUTY	Jerry Ryder	AIR TACTICAL GROUP SUP.		
a. SUPPORT BRANCH		AIR SUPPORT GROUP SUP.		
DIRECTOR		HELICOPTER COORDINATOR		
SUPPLY UNIT		AIR TANKER/FIXED WING CRD.		
FACILITIES UNIT		10. FINANCE/ADMINISTRATION SECTION		
GROUND SUPPORT UNIT		CHIEF	Fauzia Massey	
b. SERVICE BRANCH		DEPUTY		
DIRECTOR		TIME UNIT	Lessie Sites	
COMMUNICATIONS UNIT		PROCUREMENT UNIT		
MEDICAL UNIT		COMPENSATION/CLAIMS UNIT		
FOOD UNIT		COST UNIT		
PREPARED BY (RESOURCES UNIT)				

Fire Weather Forecast



514 PM MDT Sat Jul 28 2018

.DISCUSSION... RAWLS Station at fire

Expect scattered thunderstorms through this evening at the fire site. Sunday will see some isolated thunderstorms in the afternoon, but it is not expected to be as active as today. Sunday will see conditions at the fire site similar to today. Afternoon gusts to 20 mph are possible, however winds will be more northeasterly. Sunday night and Monday should be free of thunderstorms. Monday will see temperatures begin to warm and minimum relative humidity will be a little lower. Recoveries overnight still look to be good each night.

.TONIGHT...

Sky/weather.....Mostly cloudy. Scattered rain showers and thunderstorms in the evening...then isolated rain showers and thunderstorms overnight.

LAL.....3...9 to 15 strikes/15 min/cell.

Min temperature....41-46.

Max humidity.....79-84 percent.

Wind (20 ft).....

Slope/valley.....North winds 10 to 15 mph...becoming 5 to 10 mph overnight Gusty

Ridgetop.....Northwest 8 to 18 mph.

Mixing height.....13600 ft AGL in the evening...decreasing to 100 ft AGL overnight.

Transport winds....Northwest 5 to 15 mph.

CWR.....25 percent.

.SUNDAY...

Sky/weather.....Partly cloudy. Isolated rain showers and thunderstorms afternoon.

LAL.....2...1 to 8 strikes/15 min/cell.

Max temperature....61-66.

Min humidity.....26-31 percent.

Wind (20 ft) Slope/valley.....North winds 5 to 10 mph...with gusts to 20 mph in the afternoon. Gusty

Ridgetop.....Northwest 10 to 15 mph.

Mixing height.....100 ft AGL in the morning...increasing to 9900 ft AGL afternoon.

Transport winds....North 5 to 15 mph.

Haines index.....3.

CWR.....11 percent.

.SUNDAY NIGHT...

Sky/weather.....Partly cloudy in the evening...then becoming clear.

LAL.....1...no thunderstorms.

Min temperature....39-44.

Max humidity.....74-79 percent.

Wind (20 ft).....

Slope/valley.....Northeast winds 5 to 10 mph.

Ridgetop.....North 5 to 15 mph.

Mixing height.....9900 ft AGL in the evening...decreasing to 100 ft AGL overnight.

Transport winds....Northeast 5 to 10 mph.

CWR.....0 percent.

.MONDAY...

Sky/weather.....Sunny.

LAL.....1...no thunderstorms.

Max temperature....70-75.

Min humidity.....20-25 percent.

Wind (20 ft).....

Slope/valley.....Southeast winds 5 to 10 mph in the morning...becoming westafternoon.

Ridgetop.....North 5 to 15 mph...becoming west after noon.

Transport winds....North 5 to 10 mph.

Haines index.....4

CWR.....0 percent.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 2

TYPE OF FIRE: Wildfire

FIRE NAME: Bacon Rind

OPERATIONAL PERIOD: July 29, 2018

DATE ISSUED: July 28, 2018

TIME ISSUED: 1800

UNIT: MT-CGF

SIGNED: *1st Todd Erdody,* Todd Erdody, LTAN (t)

INPUTS

WEATHER SUMMARY: (For full forecast refer to the Spot Forecast)

Today: Partly cloudy with isolated T-storms after noon. Max Temp: 61-66 degrees
Min RH: 26-31%
Afternoon 20 ft. Winds: Upslope/valley 5-10, Ridgetop: Northwest 10 to 15
mph. Haines Index: 3

Tonight: Partly cloudy then clear. Low Temp: 39-44 degrees Max RH: 74-79%
Winds: North 5 to 15

Monday: Sunny. Max Temp: 70-75 degrees Min RH: 20-25% Winds: North 5 to 15
becoming west in the afternoon.

OUTPUTS

FIRE BEHAVIOR

GENERAL:

Conditions will be similar to the previous burning period. Growth will be limited to torching with short range spotting and backing fire with low rates of spread. There is still potential for growth through longer range spotting from thunderstorm outflow winds.

Mixed conifer (Fuel Models TU5 and TL4): ROS – 0 to 3 ch/hr, FL - 2 to 4 ft

100 hr Dead Fuel Moisture (NW of DP5, toe slope below fire) – 12%

1000 hr Dead Fuel Moisture (NW of DP5, toe slope below fire) – 18%

SPECIFIC: Not Applicable

AIR OPERATIONS: Not Applicable

SAFETY

Be cautious around fire-weakened trees and existing snags, especially with outflow winds from thunderstorms.

Fire behavior has been consistently low to moderate but don't be complacent with your situational awareness. Fire season has just begun.

ICS Form 204

1. BRANCH		2. DIVISION/GROUP		ASSIGNMENT LIST					
3. INCIDENT NAME Bacon Rind				4. OPERATIONAL PERIOD DATE <u>7/29/18</u> TIME <u>0600-2100</u>					
5. OPERATIONAL PERSONNEL									
OPERATIONS CHIEF <u>Brown / Koscielniak</u>		DIVISION/GROUP SUPERVISOR _____		BRANCH DIRECTOR _____		AIR TACTICAL GROUP SUPERVISOR _____			
6. RESOURCES ASSIGNED TO THIS PERIOD									
STRIKE TEAM/TASK FORCE/ RESOURCE DESIGNATOR	EMT	LEADER	NUMBER PERSONS	TRANS. NEED	Last Day	PICKUP PT./TIME	DROP OFF PT./TIME		
Helena Regulars C-2		Kaiser/Boucher	21	N	8/3	0600	2100		
Custer Gallatin C-1		Ray/Zohner	20	N	8/3				
7. CONTROL OPERATIONS									
<p>Task: Monitor fire progression and smoke impacts from Hwy 191. Implement holding actions as needed along Hwy 191. Continue implementing fuels projects and providing Lookouts.</p> <p>Purpose: Provide for public and firefighter safety.</p> <p>End State: Ensure efficient traffic flow on Hwy 191.</p>									
8. SPECIAL INSTRUCTIONS									
<ul style="list-style-type: none"> - Coordinate actions with other operational resources and law enforcement as needed. - Monitor Management Action Points as necessary based on observed and modeled fire behavior to emphasize strategic planning and sound risk decision making. - If fire spots east of Hwy 191 suppress with resources on incident. 									
9. DIVISION/GROUP COMMUNICATIONS SUMMARY									
FUNCTION		FREQ.	SYSTEM	CHAN.	FUNCTION		FREQ.	SYSTEM	CHAN.
COMMAND	LOCAL				SUPPORT	LOCAL			
	REPEAT					REPEAT			
DIV./GROUP TACTICAL					GROUND TO AIR				
PREPARED BY (RESOURCE UNIT LEADER)				APPROVED BY (PLANNING SECT. CH.)			DATE	TIME	

MEDICAL PLAN	1. Incident Name	2. Date Prepared	3. Time Prepared	4. Operational Period				
	Bacon Rind	07/28/18	1800	0600-2100				
5. Incident Medical Aid Station								
						Paramedics		
						Yes	No	
West Yellowstone Clinic		406-646-9441				X		
		11 Electric St, West Yellowstone, MT 59758						
6. Transportation								
A. Ambulance Services								
Name	Address		Phone		Paramedics			
					Yes	No		
West Yellowstone EMS	West Yellowstone		406-646-7600		X			
Air Evac			Call 911 or Dispatch					
B. Incident Ambulances								
Name	Location					Paramedics		
						Yes	No	
7. Hospitals								
Name	Address		Travel Time		Helipad		Burn Center	
			Air	Ground	Yes	No	Yes	No
Big Sky hospital	Big Sky MT			45m	406-995-6995			
Bozeman Deaconess	Bozeman MT – Level 3 trauma			90m	406-585-1000		X	
Salt Lake City burn center	Salt Lake City, Utah – Level 1 trauma			5hr	Burn Center 801-581-3050 Emergency 801-581-2292		X	X
8. Medical Emergency Procedures								
<p>In the event of a Medical Emergency contact your direct Supervisor for the day. They will contact you Division Supervisor/ Operations.</p> <p>Division/ Operations will control scene or delegate the scene to someone qualified on scene.</p> <p>They will determine the Medical need and prepare for evacuation.</p> <p>(See Communication plan)</p>								
Prepared by (Medical Unit Leader)					10. Reviewed by (Safety Officer)			

MEDICAL PLAN (ICS 206 WF)

Controlled Unclassified Information//Basic

Medical Incident Report

FOR A NON-EMERGENCY INCIDENT, WORK THROUGH CHAIN OF COMMAND TO REPORT AND TRANSPORT INJURED PERSONNEL AS NECESSARY.

FOR A MEDICAL EMERGENCY: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.

Use the following items to communicate situation to communications/dispatch.

1. CONTACT COMMUNICATIONS / DISPATCH (Verify correct frequency prior to starting report)

Ex: "Communications, Div. Alpha. Stand-by for Emergency Traffic."

2. INCIDENT STATUS: Provide incident summary (including number of patients) and command structure.

Ex: "Communications, I have a Red priority patient, unconscious, struck by a falling tree. Requesting air ambulance to Forest Road 1 at (Lat./Long.) This will be the Trout Meadow Medical, IC is TFLD Jones. EMT Smith is providing medical care."

Severity of Emergency / Transport Priority	<input type="checkbox"/> RED / PRIORITY 1 Life or limb threatening injury or illness. Evacuation need is IMMEDIATE <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2° - 3° burns more than 4 palm sizes, heat stroke, disoriented.</i> <input type="checkbox"/> YELLOW / PRIORITY 2 Serious Injury or illness. Evacuation may be DELAYED if necessary. <i>Ex: Significant trauma, unable to walk, 2° - 3° burns not more than 1-3 palm sizes.</i> <input type="checkbox"/> GREEN / PRIORITY 3 Minor Injury or illness. Non-Emergency transport <i>Ex: Sprains, strains, minor heat-related illness.</i>	
Nature of Injury or Illness & Mechanism of Injury		Brief Summary of Injury or Illness <i>(Ex: Unconscious, Struck by Falling Tree)</i>
Transport Request		Air Ambulance / Short Haul/Hoist Ground Ambulance / Other
Patient Location		Descriptive Location & Lat. / Long. (WGS84)
Incident Name		Geographic Name + "Medical" <i>(Ex: Trout Meadow Medical)</i>
On-Scene Incident Commander		Name of on-scene IC of Incident within an Incident <i>(Ex: TFLD Jones)</i>
Patient Care		Name of Care Provider <i>(Ex: EMT Smith)</i>

3. INITIAL PATIENT ASSESSMENT: Complete this section for each patient as applicable (start with the most severe patient)

Patient Assessment: See IRPG page 106

Treatment:

4. TRANSPORT PLAN:

Evacuation Location (if different): (Descriptive Location (drop point, intersection, etc.) or Lat. / Long.) Patient's ETA to Evacuation Location:

Helispot / Extraction Site Size and Hazards:

5. ADDITIONAL RESOURCES / EQUIPMENT NEEDS:

Example: Paramedic/EMT, Crews, Immobilization Devices, AED, Oxygen, Trauma Bag, IV/Fluid(s), Splints, Rope rescue, Wheeled litter, HAZMAT, Extraction

6. COMMUNICATIONS: Identify State Air/Ground EMS Frequencies and Hospital Contacts as applicable

Function	Channel Name/Number	Receive (RX)	Tone/NAC *	Transmit (TX)	Tone/NAC *
COMMAND					
AIR-TO-GRND					
TACTICAL					

7. CONTINGENCY: Considerations: If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead.

8. ADDITIONAL INFORMATION: Updates/Changes, etc.

REMEMBER: Confirm ETA's of resources ordered. Act according to your level of training. Be Alert. Keep Calm. Think Clearly. Act Decisively.

Fire Information



Key Messages for Fire Personnel – Bacon Rind Fire

July 29, 2018

Key messages

- 1) **Public and firefighter safety is our first priority.**
- 2) **Fire management decisions are based on many factors.**
- 3) **Wildland fire is an essential, natural process.**
- 4) **We all work together to manage wildland fire.**

Key messages and Supporting Points

1) **Public and firefighter safety is our first priority.**

- a) No structure, or natural or cultural resource, is worth a human life.
- b) When firefighters plan a tactic, the first question is always, "Can we do this safely?" If the answer is "no," they will take another direction.

2) **Fire management decisions are based on many factors.**

- a) Not all fires are managed the same way.
- b) Responding to a fire may include using multiple strategies. The response could range from monitoring a fire that is beneficial to the landscape to aggressively putting out a fire that threatens people, homes, important natural or cultural resources. Fire managers can also use a combination approach, actively suppressing part of the fire while monitoring other parts of the fire.
- c) Decisions are based on safety for the public and firefighters, what is threatened by the fire (values at risk), weather forecast, fire behavior, and what the fire and land-use plans or objectives are for the area.
- d) All human caused fires are aggressively put out.

3) **Wildland fire is an essential, natural process.**

- a) Fire has shaped this landscape for thousands of years. In the greater Yellowstone ecosystem, fire is important for the survival of many plants and animals.
 - a. Fire releases and recycles nutrients tied up in vegetation, duff and organic soil layers.
 - b. Some plants and animals depend on fire for survival.
 - i. Fire stimulates some plants like ceanothus (snowbrush) and trees like lodgepole pine to release seeds and creates favorable sites for dormant seeds to grow.
 - ii. Fire stimulates some plants such as willow and aspen to grow new shoots from surviving roots or root crowns.
 - iii. Fire maintains age and species diversity in the forest, increasing the number of niches for wildlife species.
 - c. Fire reduces the fuel load so that future fires are not as intense.

4) **We all work together to manage wildland fire.**

- a) Fire does not acknowledge jurisdictional boundaries
- b) Local, state, tribal and federal firefighters all work together to keep the public safe and natural resources protected. Pooling our strengths, resources and experience improves our effectiveness and keeps costs down.

A lot of work is done to prepare protection plans for our values such as buildings and transportation routes. The word "evacuation" should only be mentioned if you expect people to immediately leave the area.

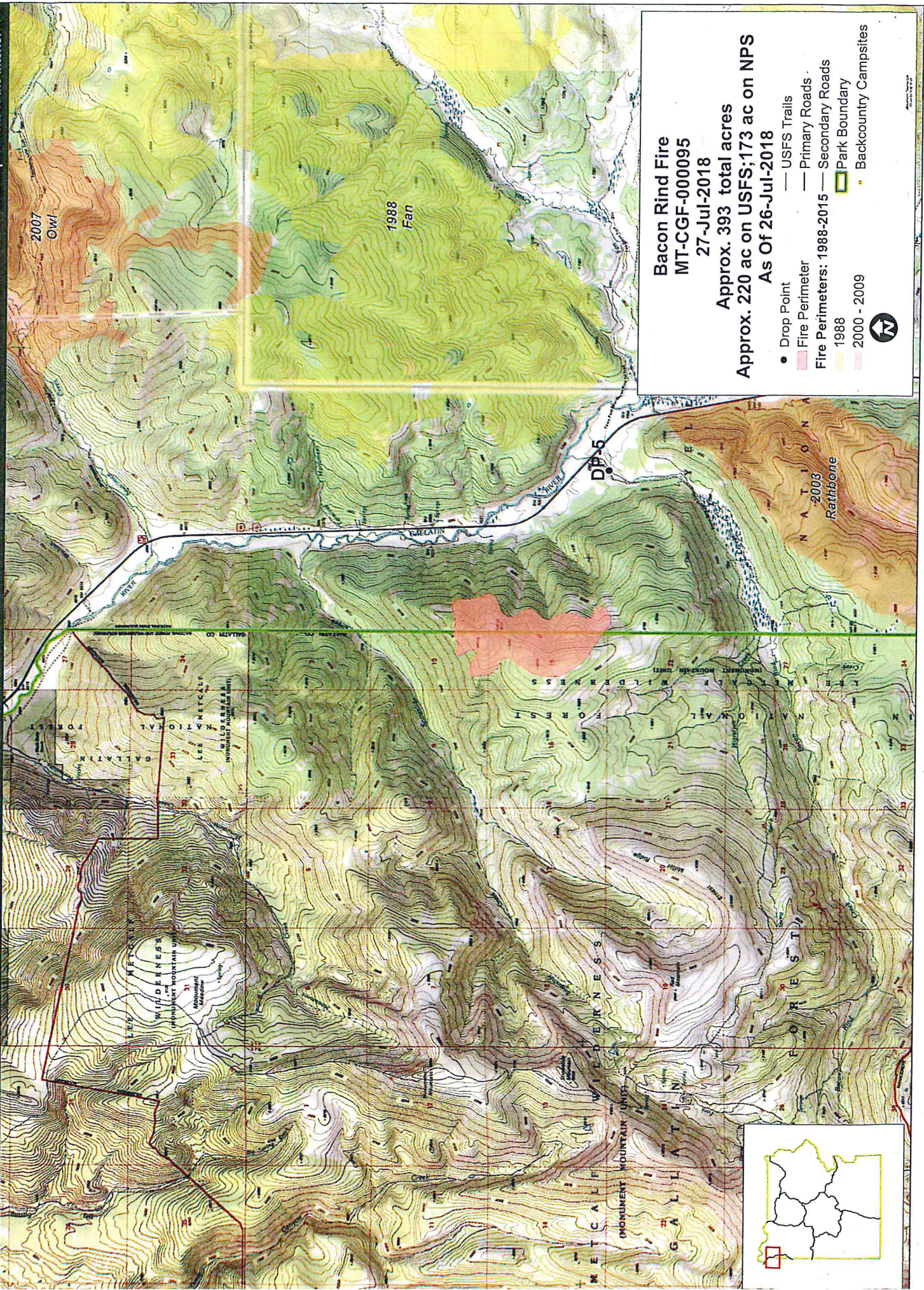
Current Fire Information on InciWeb:

<https://inciweb.nwccg.gov/incident/5992/>

Year-round Yellowstone National Park Road Conditions: 307-344-2117



InciWeb



Bacon Rind Fire
MT-CGF-000095

27-Jul-2018

Approx. 393 total acres

Approx. 220 ac on USFS; 173 ac on NPS
As Of 26-Jul-2018

- Drop Point
- Fire Perimeter
- Fire Perimeters: 1988-2015
- 1988
- 2000 - 2009
- USFS Trails
- Primary Roads
- Secondary Roads
- ▭ Park Boundary
- Backcountry Campsites

