

LOWLINE FIRE

CO-GMF-000176 - P2 QFT2 (0204)[P]

**WEDNESDAY, AUGUST 9, 2023 –
FRIDAY, AUGUST 11, 2023**

Day Operational Period 0700 – 2100



**Brian Gaines, IC
Theo Engel, IC(t)**

INCIDENT INFORMATION: 970.648.4470

IAP & MAPS`



CHECK IN



DEMOB



INCIDENT OBJECTIVES (ICS 202)

1. Incident Name:	2. Operational Period: DAY	
LOWLINE	Date/Time From: 08/09/2023 0700 WED	Date/Time To: 08/11/2023 2100 FRI
3. Objective(s):		
<p>OBJECTIVES FOR FIREFIGHTER AND PUBLIC SAFETY Safety of Firefighters and the public will be the highest priority throughout all phases of the incident. Manage the risk to fire fighters and the public by utilizing a risk-based approach to decision making. Ensure quality tradeoff conversations occur with Agency Administrators, partners, and stakeholders.</p> <p>OBJECTIVES FOR PROTECTION OF VALUES AT RISK Utilize appropriate fire strategies to minimize fire impacts on residences, commercial properties, critical community infrastructure to reduce the potential for adverse health, social, financial, and economic hardships. These include:</p> <ul style="list-style-type: none"> • Structures within the planning area including but not limited to Wilderness Streams, isolated ranches and private properties along CR730, Mill Creek, and Eagle Ridge Ranch. • Critical Gunnison Sage Grouse Habitat • Critical water infrastructure resources (reservoirs, dams, ditches) • Cultural and historical resources including but not limited to Castle Creek Cow Camp • Agricultural and Ranching Operations • Antelope Timber Sale <p>OBJECTIVES FOR INFORMATION AND RELATIONSHIPS Maintain and enhance relationships with cooperators, stakeholders, the local community and adjoining agencies through effective and timely communication, engagement and information sharing. Consider operational strategies that minimize the impact of smoke to sensitive areas and receptors by adjusting tactics, monitoring smoke impacts, and following guidance in state smoke management plans and coordinating with state and local Air Quality Control Commission.</p>		
4. Operational Period Command Emphasis:		
<ol style="list-style-type: none"> 1. Manage risk to firefighters by ensuring hazards are identified, assessed, and where possible mitigated. Be prepared to accept residual risk when values threatened warrant it and the probability of achieving objectives is high. 2. Utilize strategies and tactics that commit responders only to operations where and when they can be successful, and under conditions where important values at risk are protected with the least exposure necessary. 3. Contain and control portions of the fire that are a threat to identified values to be protected. 4. Mop-up to the extent necessary to prevent escape of the fire and additional spread or damage to other values within the perimeter. 5. Implement practices that reduce the potential for spread of infectious disease, such as distributed operations, adhering to CDC guidelines and other actions that improve the health environment for firefighters and support personnel. 		
General Situational Awareness:		
<ol style="list-style-type: none"> 1. Complete a good size up of your work area to mitigate hazards. 2. Be prepared for changing weather conditions. 3. Minimize firefighter exposure to falling tree hazards. 4. Know who you are working for. 		
7. Prepared by: MARTY KREPFL	Position/Title: PSCC (T)	Signature: <i>M Krepfl</i>
8. Approved by Incident Commander:	Name: BRIAN GAINES	Signature: <i>B. M. Gaines</i>
ICS 202	IAP Page	Date/Time:

INCIDENT OBJECTIVES (ICS 202)

1. Incident Name:	2. Operational Period: DAY	
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5. Site Safety Plan Required? Yes No

Approved Site Safety Plan(s) Located

6. Incident Action Plan (the items checked below are included in this Incident Action Plan):

<input checked="" type="checkbox"/> ICS 202	<input type="checkbox"/> ICS 207	Other Attachments:
<input checked="" type="checkbox"/> ICS 203	<input checked="" type="checkbox"/> ICS 208	<input type="checkbox"/> _____
<input checked="" type="checkbox"/> ICS 204	<input checked="" type="checkbox"/> ICS 220	<input type="checkbox"/> _____
<input checked="" type="checkbox"/> ICS 205	<input type="checkbox"/> Map/Chart	<input type="checkbox"/> _____
<input type="checkbox"/> ICS 205A	<input checked="" type="checkbox"/> Weather Forecast/Tides/Currents	<input type="checkbox"/> _____
<input checked="" type="checkbox"/> ICS 206		

7. Prepared by: MARTY KREPFL	Position/Title: PSCC (T)	Signature:
8. Approved by Incident Commander:	Name: BRIAN GAINES	Signature:
ICS 202	IAP Page	Date/Time:

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name:		2. Operational Period: DAY			
LOWLINE		Date/Time From: 08/09/2023 0700 WED	Date/Time To: 08/11/2023 2100 FRI		
3. Incident Commander(s) and Command Staff:					
IC/UC	BRYAN GAINES THEO ENGEL (T)	7. Operations Section:			
INFORMATION OFFICER	MARYA WASHBURN	OPS SECTION CHIEF	PATRICK BLAIR; CAM SHAUNESSY		
SAFETY OFFICER	BRIAN AYERS	DIVISION/GROUP	A / Z BELA HARRINGTON MERRITT CUTTEN (T)		
4. Agency/Organization Representative(s):		DIVISION/GROUP	W RYAN ROMERO		
Agency/Organization	Name	DIVISION/GROUP	X UNSTAFFED		
USFS	CURTIS KEETCH DAYLE FUNKA	DIVISION/GROUP	Y COREY CORREA		
DFPC	LUKE ODOM JOE DUENSING	8. Finance/Administration Section:			
GUNNISON COUNTY SHERIFF	ADAM MURDIE UNDER SHERIFF - JOHN ASHE	CHIEF	DALE HARRISON		
GUNNISON EMERGENCY MANAGEMENT	SCOTT MORRIL LISA CLAY	TIME UNIT	JOANIE KISER DEANNA WALKER		
DHSEM	BOBBIE LUCERO DREW PETERSEN	EQUIPMENT TIME RECORDER	MARISSA GIAMPAOLI		
LEAD READ	HEIDI PLANK				
READS	AARON LAMP RYAN FRICKE				
5. Planning Section:					
CHIEF	JIM JAMINET TERI PARVIN (T)				
GISS	TONY SMITH (V); PAM KING (T) (V)				
INCIDENT METEOROLOGIST	BRUNO RODRIGUEZ				
AIR RESOURCE ADVISOR	YANCEY RANSPOT				
6. Logistics Section:					
CHIEF	MIKE BURCHARD CARRIE POWELL (T)				
SUPPLY UNIT	MARIE BUTLER				
FACILITIES UNIT	BECCA JARRETT (T)				
BASE CAMP MANAGER	CARLOS GONZALEZ				
GROUND SUPPORT UNIT	DARREN SCHROCK (T)				
SECURITY UNIT	DAN WATSON; ADAM CASEY DON LOVE				
ORDERING MANAGER	JON GRASKEWICZ (T)				
COMMUNICATIONS UNIT	MIKE HUNTER				
9. Prepared By:		Position/Title:	Signature:		
ICS 203	Name: TERI PARVIN	PSC3(T)			
	IAP Page	Date/Time: 08/08/2023 1000			



WEATHER FORECAST

SIGNED - *Bruno Rodriguez* - IMET
208-577-1624 | bruno.rodriguez@noaa.gov



INCIDENT & UNIT: PREDICTION FOR:	Lowline CO-GMF-000176 Friday 08-11-2023	FORECAST #: ISSUED:	13 08-10-2023 2000 MDT
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DISCUSSION

Modest monsoon moisture will remain over the region today and sustain at least isolated afternoon thunderstorms over central Colorado. The bulk of the thunderstorm activity is likely to remain east of the fire, with wetting rain relatively unlikely, although a brief shower will certainly be possible. Humidity will be slightly higher, and help reduce the potential for gusty outflow winds from any thunderstorms.

24-hr Rainfall Probabilities: $\geq 0.01"$... 40% $> 0.10"$... 8% $> 0.25"$... 2% $> 0.50"$... 0%

TODAY ISOLATED PM T-STORMS POSSIBLE; RISING HUMIDITY

DISCUSSION: Mostly clear skies in the morning giving way to cumulus clouds and isolated afternoon thunderstorms in the vicinity. Wetting rain unlikely. Slightly higher humidity, with lower potential for strong outflow winds.

	High Temperatures	Steady		Minimum Relative Humidity	Up 3-6%
	Castleton Ranch W Elk Wilderness	74-77F 69-72F		Castleton Ranch W Elk Wilderness	31-35% 34-38%

	20-ft Wind	Castleton Ranch - 8,400 ft	W Elk Wilderness - 10,000 ft
		Variable <6 mph through 1100. West 6-9 mph in the afternoon with gusts to 16 mph.	Variable <6 mph through 1200. Then north-northwest 6-8 mph with gusts to 15 mph in the afternoon.

Inversion Lifting: ~1000 Mixing Height: 9,000 ft AGL LAL: 3 CHC of Rain ($\geq 0.01"$)/Wetting Rain ($\geq 0.10"$): 40% / 8%

TONIGHT HEALTHY RH RECOVERY IN THE VALLEY

DISCUSSION: Increased cloud cover will keep overnight temperatures fairly mild. Expect light downslope and down-valley winds overnight. Humidity recovery will be healthy, particularly below the inversion.

	Low Temperatures	Up 1-2F		Maximum Relative Humidity	Steady
	Castleton Ranch W Elk Wilderness	45-46F 46-49F		Castleton Ranch W Elk Wilderness	70-85% 65-75%

	20-ft Wind	Castleton Ranch - 8,400 ft	W Elk Wilderness - 10,000 ft
		West-northwest 3-5 mph.	West 4-8 mph.

LAL... 2 CHC of Rain ($\geq 0.01"$)/Wetting Rain ($\geq 0.10"$)... 15% / 2%

Real Time Weather



EXTENDED FORECAST	High Temp (F)	Min RH (%)	20 FT Ridge Wind	Weather
Saturday	74-76	34-39	WNW 10 G16	55% Chance of PM Rain
Sunday	73-76	35-40	WNW 10 G17	60% Chance of PM Rain
Monday	72-76	43-48	WNW 12 G20	75% Chance of PM Rain

Fire Behavior Forecast # 12

Name of Incident: Lowline

Administrative Unit: CO-GNF

Date & Time Issued: 08/07/2023 2000

Operational Period: Day – August 08-10, 2023

FBAN Glen Lewis

Signed: *Glen Lewis*

Weather Summary

See attached weather forecast for details

Fuels and Topography Summary

Fuels in the fire area are primarily composed of *Timber with Understory* (Mixed Conifers with litter and reprod), *and Grass with Shrubs* (perennial grasses mixed with brush). Heavy fuel concentrations are common in timbered areas and will likely contribute to surface fire transition to vegetation crowns, increased spotting potential, and rolling material on steep slopes. Local fire danger indices have been and continue to trend well above average. Live fuels are primarily grass and sage, and various herbaceous plants in the understory of the aspen stands.

Local fire danger indices are above average, with the Burning Index (BI) near the 95th percentile, indicating a high probability of rapid rates of spread. Fire danger will increase over the first two days and then have a mild reduction as winds reduce and more moist air moves in.

Fire area topography include alpine areas, slopes ranging from steep to rolling, and multiple deep drainages with all aspects represented. Elevations in the immediate fire area range from 7,000 to over 11,000 feet.

Watch for significant topographic influences and conditions that promote falling snags.

Fire Behavior Summary

#3 Day Forecast for August 9-11, if conditions change from weather forecast, re-evaluation will be needed

GENERAL:

Poor recovery overnight will start the days in the forecast with low fuel moisture which will continue to drop throughout the day on Wednesday and Thursday.

Live fuels--particularly sagebrush are at or near the threshold where fires will spread readily through them under high winds. Grass and sage is carrying fire under higher wind speeds, and is receptive to spot fires. There is some variation on fuel moisture on a micro scale so some areas will burn more intensely than other in these fuels. All fuel moisture is still trending downward. Poor overnight recovery will start the days off with low fuel moisture and fuels will continue to dry out rapidly as the sun comes out and the inversion breaks. The increased high cloud cover will not be enough to affect fire behavior in a significant way. By Friday, higher moisture and lower winds will reduce potential fire behavior substantially.

Expect interior unburned islands to continue to burn, with torching, group torching and the associated ember lofting that will start spot fires when they land on receptive fuels. Winds will be strong but generally favorable to blow the embers back into the black, although some minor shifts in the winds throughout the burning periods will have the potential to spread embers outside the line.

There are hot spots along the western edge of the fire, but they are limited and do not have a lot potential for substantial spread. These hotspots are located in mixed conifer but adjacent aspen stands continue to resist fire spread through them. In some locations there are small stringers of mixed conifer that may allow the fire to spread around or through the aspen stands with microshifts in the wind that can affect fire spread in those areas.

Along the northern area of the fire and in the conifer stringers stretching to the east, previously unburned pockets and areas that had spotty fire spread will continue to burn actively until fuels are consumed.

Division/Group Assignment List (ICS 204 WF)
Controlled Unclassified Information//Basic

1. Incident Name:				3.		
LOWLINE				Branch:	Division/Group	
2. Operational Period: DAY						
Date/Time From: 08/09/2023 0700		Date/Time To: 08/11/2023 2100		A/Z		
WED		FRI				
4. Operations Personnel						
OPERATIONS CHIEF		PATRICK BLAIR		DIVISION/GROUP SUPERVISOR		BELA HARRINGTON MERRITT CUTTEN (T)
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
E-11 ENG3 LARAMIE COUNTY		08/18	MATTHEW FRY	3	FAIRGROUNDS/0630	FAIRGROUNDS/2130
E-12 ENG3 ALTERGOTT FORESTRY		08/25	ADAM ALTERGOTT	3	FAIRGROUNDS/0630	FAIRGROUNDS/2130
E-15 ENG3 HUDSON FIRE 2831		08/11	CODY PETERSON	3	FAIRGROUNDS/0630	FAIRGROUNDS/2130
E-34 ENG6 VEDAUWOO E5		08/11	DEVIN SKAGEN	3	FAIRGROUNDS/0630	FAIRGROUNDS/2130
E-84 ENG6 GUNNISON E619		08/22	JIM RAMIREZ	3	FAIRGROUNDS/0630	FAIRGROUNDS/2130
E-17 WTT2 NORTHWEST T41		08/17	JAMES CRAVENER	2	FAIRGROUNDS/0630	FAIRGROUNDS/2130
E-49 WTT2 GUNNISON T26		08/13	TYLER BROWN	3	FAIRGROUNDS/0630	FAIRGROUNDS/2130
E-87 WTT2 INKOM		08/24	BEN SORENSEN	2	FAIRGROUNDS/0630	FAIRGROUNDS/2130
E-48 WTS2 DUST BUSTERS		08/19	GREG HOLT	1	FAIRGROUNDS/0630	FAIRGROUNDS/2130
O-186 HEQB		08/22	ERIC BADER	1	FAIRGROUNDS/0630	FAIRGROUNDS/2130
E-50 DZR2 HAYNES		08/24	TODD HAYNES	2	FAIRGROUNDS/0630	FAIRGROUNDS/2130
E-83 GRD1 SUTHERLAND		08/21	RICK SUTHERLAND	2	FAIRGROUNDS/0630	FAIRGROUNDS/2130
E-82 EXC2 D & S UNDERGROUND		08/20	ZACH CHOLAS	2	FAIRGROUNDS/0630	FAIRGROUNDS/2130
E-26 AMB1 DELTA AMBULANCE 23		08/11	JOSH PIETAK	2	FAIRGROUNDS/0630	FAIRGROUNDS/2130
6. Control Operations/Work Assignments:						
TASK: Locate, perform structure assessment, and prep structures within the Division. Patrol and mop up areas that threaten values at risk.						
PURPOSE: Protect values at risk by identifying mitigation needs to protect structures.						
END STATE: Fire does not pose a threat to any critical values within or adjacent to the Division and structures are defensible.						
7. Special Instructions:						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	2	172.3250 N	123.0	166.4250 N	192.8	A
TACTICAL	15	169.2875 N		169.2875 N		A
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
TERI PARVIN			JIM JAMINET		08/09/2023	2000

Division/Group Assignment List (ICS 204 WF)
Controlled Unclassified Information//Basic

1. Incident Name:				3.			
LOWLINE				Branch:		Division/Group	
2. Operational Period: DAY							
Date/Time From: 08/09/2023 0700 WED		Date/Time To: 08/11/2023 2100 FRI				X	
4. Operations Personnel							
OPERATIONS CHIEF		PATRICK BLAIR		DIVISION/GROUP SUPERVISOR		UNSTAFFED	
5. Resources Assigned this Period							
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
UNSTAFFED							
6. Control Operations/Work Assignments:							
<p>TASK: Provide surveillance through aerial and remote reconnaissance.</p> <p>PURPOSE: Minimize impact to structures and values at risk.</p> <p>END STATE: The fire cannot threaten any values at risk.</p>							
7. Special Instructions:							
8. Division/Group Communication Summary							
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode	
COMMAND	2	172.3250 N	123.0	166.4250 N	192.8	A	
TACTICAL	14	167.5500 N		167.5500 N		A	
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)			Date	Time
TERI PARVIN			JIM JAMINET			08/09/2023	2000

Division/Group Assignment List (ICS 204 WF)

Controlled Unclassified Information//Basic

1. Incident Name:				3.		
LOWLINE				Branch:	Division/Group	
2. Operational Period: DAY						
Date/Time From: 08/09/2023 0700 WED		Date/Time To: 08/11/2023 2100 FRI		Y		
4. Operations Personnel						
OPERATIONS CHIEF		PATRICK BLAIR		DIVISION/GROUP SUPERVISOR		RYAN ROMERO
5. Resources Assigned this Period						
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
O-197 WFM1 BLACK HILLS		08/23	LEE DUEKER	10	FAIRGROUNDS/0630	FAIRGROUNDS/2130
O-84 SMOD DENVER FD SUP1		08/12	ERIC TOLLUND	9	FAIRGROUNDS/0630	FAIRGROUNDS/2130
O-111 RES EMS UNLIMITED MEDIC TEAM		08/16	DUSTIN STALCUP	2	FAIRGROUNDS/0630	FAIRGROUNDS/2130
6. Control Operations/Work Assignments:						
<p>TASK: Patrol and secure indirect fireline along the ridge north of Mill Creek as needed.</p> <p>PURPOSE: Keep fire above the ridge north of Mill Creek.</p> <p>END STATE: Fireline in the correct location with the right dimensions to contain the fire.</p>						
7. Special Instructions:						
8. Division/Group Communication Summary						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	2	172.3250 N	123.0	166.4250 N	192.8	A
TACTICAL	12	168.6125 N		168.6125 N		A
9. Prepared By (Resource Unit Leader)			Approved By (Planning Section Chief)		Date	Time
TERI PARVIN			JIM JAMINET		08/09/2023	2000

INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

Controlled Unclassified Information//Basic

1. Incident Name:		2. Date/Time Prepared:		3. Operational Period:	
LOWLINE		Date: 08/06/2023	Date/Time From: 08/09/2023 0700	Date/Time To: 08/11/2023 2100	DAY: WED
		Time: 2221	WED	FRI	

4. Basic Radio Channel Use:

Zone Group	Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq	RX Tone/NAC	TX Freq	TX Tone/NAC	Mode (A, D, or M)	Remarks
	2	COMMAND	RAZOR	ALL DIVS	172.3250 N	123.0	166.4250 N	192.8	A	
	4	COMMAND	S MATCH	ALL DIVS	172.3250 N	123.0	166.4250 N	103.5	A	
	15	TACTICAL	FIRETAC 7	DIV AZ	169.2875 N		169.2875 N		A	
	12	TACTICAL	WORK 2	DIV W, DIV Y	168.6125 N		168.6125 N		A	
	14	TACTICAL	GFR TAC	STRUCTURE, DIV X	167.5500 N		167.5500 N		A	
	10	AIR TO GROUND	A/G 15	ALL DIVS	167.5250 N		167.5250 N		A	
	11	TACTICAL	VMED28	ALL DIVS	155.3400 N		155.3400 N	156.7	A	ALL AIR AMBULANCE
	16	AIR GUARD	AIRGUARD		168.6250 N		168.6250 N	110.9	A	EMERGENCY USE ONLY!

5. Special Instructions:

M Knapp PSOC (E) for BM

6. Prepared By	Name: BARRY MATHIAS
(Communications Unit Leader)	Signature: <i>[Signature]</i>
ICS 205	Date/Time: 08/06/2023 2221

AIR OPERATIONS SUMMARY 220	Prepared By: Kelly Rudder	Prepared: 8/8/2023	Prepared Time: 1900
1. INCIDENT NAME: LOWLINE FIRE	2. OPERATIONAL PERIOD 8/9/23 to 8/11/23	START TIME: 0800	SUNRISE: 06:18
		END TIME: 2000	SUNSET: 20:07

3. REMARKS: (Safety Notes, Hazards, etc.)

AVIATION SAFETY IS A TEAM EFFORT

AIR OPERATIONS INTENT

ALL MISSIONS WILL BE ANALYZED IN TERMS OF HAZARDS AND RISKS

- THE RISK ASSESSMENT IS AN OPEN PROCESS WELCOMING INPUT.
- HAZARDS WILL BE MITIGATED, RISK WILL BE REDUCED.
- RISK MANAGEMENT PROCESS WILL BE DOCUMENTED AND DISPLAYED.

IF A MISSION FEELS UNSAFE, IDENTIFY SAFE ALTERNATIVES!
 ****Visibility and high winds, have been a safety issue.****

<p>4. READY ALERT AIRCRAFT:</p> <p style="text-align: center;">IA: TBD</p> <p style="text-align: center;">Medivac: Air Ambulances & Life Flight Order Through Communications</p> <p style="text-align: center;">See Medical Plan in the IAP</p>	<p>5. TFR:</p> <p style="text-align: center;">NOTAM: 3/3844</p> <p style="text-align: center;">Location: 7 mile radius, 15NM NW of Gunnison, CO near Blue Mesa VOR/DME (HBU)</p>
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6. PERSONNEL	NAME	PHONE #	7. FREQUENCIES	AM	FM	8A. FIXED-WING Ordering
UAO	Audrey Huse	541-659-9812	A/A TFR	119.3500		AIRTANKERS/LEAD PLANES/SEATS: ATGS order through Dispatch
HMGB 354E	Eric Tildon	208-562-9580	A/A 1 A/A 2 A/A 3	126.2750 128.0000 133.3250		8B. Aerial Supervision / Personnel / Location
HMGB 319WA	Susan Bissell	907-482-0251				AIR ATTACK Platforms: Order through Operations / Dispatch
ICT3	Bryan Gaines	661-301-8155	A/G 15	167.5250		
ICT3-T	Theo Engel	970-596-4336	A/G 7	166.8500		
Montrose Dispatch	AC Desk	970-249-1010	A/G 13	167.4250		
			VMED 28		155.3400 156.7 TX	

9. HELICOPTERS: (Order through ATGS or Operations)

FAA N#	TY	MAKE/MODEL	BASE	START	AVAIL	REMARKS	FAA N#	TY	MAKE/MODEL	BASE	START	AVAIL	REMARKS
319WA	1	KMAX K-1200	Gunnison	0800	0830	Bucket	354E	3	Astar B3	Gunnison	0800	0830	STEP, Recon



10. TASK/ MISSION/ ASSIGNMENT (Type/ function includes: Air Tactical, Retardant, Recon, Personnel Transport, Bucket Operations, SAR, etc.)			
TYPE/FUNCTION	PRIORITY	NAME OF PERSONNEL OR CARGO (If applicable) or instructions for tactical aircraft	FLY FROM
ATGS		Provide coverage as smoke or weather permits.	FBO
Initial Attack		Support Initial Attack actions as requested.	TBD
Medevac		**See Medical Plan in IAP – Review during Division Breakouts**	TBD
Water Drops		As needed and approved by Ops.	Helibase
PSD/UAS Operations		As approved in the PSD/UAS plan, where and when needed, determined by Ops.	TBD
Recon		Fire reconnaissance by Ops. Priority	TBD

<p>Incident Fire Costs:</p> <p>Send Helibase Cumulative Costs & Fixed Wing Costs to: comtc@firenet.gov & 2023.lowline.finance@firenet.gov</p> <p>(In the email subject indicate whether it's Fixed Wing Costs or Helibase Cumulative Costs)</p>	<p>Other Information:</p> <p>Send Daily Helicopter Costs to: comtc@firenet.gov & 2023.lowline.finance@firenet.gov</p> <p>(In the email subject indicate Helicopter Costs and put N#)</p>
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Flights above ground level	Wind Restrictions		
	Type 1 Helicopters	Type 2 Helicopters	Type 3 Helicopters
More than 500' AGL	<50kts / Gusts: N/A	<50kts / Gusts: N/A	<50kts / Gusts: N/A
Less than 500' AGL	<40kts / Max Gust Spread: 15kts	<40kts / Max Gust Spread: 15kts	<30kts / Max Gust Spread: 15kts

Controlled Unclassified Information/Basic

Approved by: //s//: Kelly Rudger AOBDR Rocky Mountain Team 1

LOWLINE FIRE SUPPRESSION REPAIR PLAN

Mop-Up Specifications

- Achieve 100% mop-up along and inside the fire perimeter to a distance that is adequate to ensure the perimeter is secure to prevent the fire from escaping or spotting across existing containment lines.
- Mop-up should be implemented to the degree and in locations necessary to make the likelihood of the fire escaping the containment perimeter highly unlikely through the rest of the fire season. Mop up is not based on a set distance in from the fire perimeter.
- Mop up is based on predictable potential threats to the containment lines based on experience, terrain, fuel types, the current and anticipated future fuel conditions, and consultation with the local unit. The use of infrared mapping should also be considered to identify interior heat.
- Fall snags and hazard trees that pose "imminent" danger along all open roads within the fire perimeter.
- Any spot fires outside the control lines will be 100% mopped up, a route to them will be flagged, and the perimeter of spots mapped in ArcGIS Field Maps.

Suppression Repair Standards

Strategic Objectives:

1. Minimize future surface and gully erosion.
2. Minimize sediment delivery to stream channels.
3. Restore conditions to pre-fire drainage patterns .
4. Minimize potential loss of soil productivity in cleared areas.
5. Minimize the introduction or spread of noxious weed infestations.
6. Dispose of hazardous concentrations of suppression activity slash.
7. Repair and rehabilitate known sensitive areas affected by suppression activities to minimize further damage and exposure.
8. Repair and rehabilitate all facilities and improvements affected by suppression activities (fences, troughs, cattle guards, corrals, developed camping areas, trailheads, bridges, guardrails, etc.).
9. Prevent unauthorized motorized use of fire suppression features. Fire lines should be blocked with available materials . When no adjacent materials exist, harvest appropriate sized trees large enough to block access.
10. Identify key strategic firelines, facilitate future ingress/egress of suppression equipment and personnel on these features.
11. Remove and dispose of all incident-related waste.
12. Mitigate potential hazards to life and safety .

General Standards:

1. Remove signs, flagging, trash and other materials from all staging areas and drop points, dozer lines, etc. Clean all trash thoroughly from Castleton Ranch Base Area, Spike Camp, and ICP.

2. Cut and scatter slash piles within sight of all structures and roads.
3. Repair range improvements (e.g., fences) damaged in the course of suppression activities.

Dozer Line:

1. Use a tracked excavator with a thumb or similar equipment to pull berms and redistribute soil and woody debris on all constructed dozer line. A motor grader may be used in areas with low slopes and very moderate terrain.
2. For firelines on slopes greater than 15%, construct waterbars at a 30 to 45 degree angle to the fireline . Waterbar locations should be selected based on their ability to minimize drainage onto downslope burned areas.
3. READs will inspect and approve final rehab of dozer lines.

Hand Line:

1. Pull in soil berms.
2. Scatter branches, logs, rock, or other material in the hand line to further retard soil movement. Strive to achieve a minimum of 50-60% ground cover.
3. For firelines on slopes greater than 20%, construct waterbars at a 30 to 45 degree angle to the fireline. Waterbar locations should be selected based on their ability to minimize drainage onto downslope burned areas.

Safety Zones, Helispots, and Drop Points:

1. All areas of concentrated fire suppression activities should be repaired to a condition that is as close to pre-fire conditions as reasonably possible.
2. Using a seed mix provided by a READ, seed areas disturbed by suppression activities as needed .

Site-Specific Standards:

Where the Lowline or other trails were used as a mixed fire line, work with a READ to return trail to trail management objectives (TMO) and remove hazard trees.

Infrastructure Damage:

The IMT should provide a list of known infrastructure damage including but not limited to signs, gates, cattle guards, culverts, etc.

Private Property

On private land the IMT should utilize this plan to conduct necessary repairs directly related to fire suppression actions. Any repair or rehabilitation beyond direct fire suppression repair will generally be negotiated between the respective County or Colorado Division of Fire Prevention and Control representative and private landowners; however, READs are available to offer advice.

FINANCE PROCEDURES

Finance Email: 2023.lowline.finance@firenet.gov

ALL RESOURCES – When emailing, **please include your RO# in the subject line** and on all documents. Provide a contact phone number in your email. Include only *ONE* resource's information per email.

At **check-in** submit the following:

- Resource Order
- Manifest/Roster
- Cooperator agreement or contract
(w/ correct resource highlighted)
- AD Casual Hire Form
- Vehicle Inspection Form

Daily submit the following:

- CTRs
- Shift Tickets

Finance will be located at the fairgrounds beginning Wednesday morning.

Overhead & Crews:

Use **TIME** in subject line of email
or QR code below



Contractors & Cooperators:

Use **PROC** in subject line of email
or QR code below



Send all Claims directly to: walker_loren@yahoo.com

DEMOB PROCEDURES

After being notified by your supervisor of your tentative release date:

Step 1. Return all supplies, radios, etc. that were checked out.

Step 2. All vehicles that have been on the fireline **MUST** go through weed wash prior to completing Demob Inspection.

Step 3. Submit final time documents electronically to Finance per directions in the IAP. Provide a valid email address. Finance will post your time, let you review a draft, and send your final documents to you, all electronically.

Step 4. Complete Demob Checkout Form using QR code at the bottom of this page. Once you submit the form, you are released from the incident and may begin travel home. You do not need to physically come to Demob. Safe Travels!

INCIDENT DEMOB
QR CODE





FIRE MANAGEMENT STRATEGIES

- A full suppression fire is one that is fought directly, providing the risk to firefighter safety is acceptable, or indirectly in areas where firefighters can actively suppress the fire on their terms at a lower risk to their safety.
- A wildfire burns at different levels of intensity creating a mosaic pattern as it leaves some areas totally burned, partially burned, or not burned at all inside the fire perimeter.
- Remote and rugged terrain in the wilderness poses a high risk to firefighter safety. If the fire burns into the wilderness, we will right-size for the situation and utilize natural fire breaks and the weather to help suppress the wilderness portion of the fire over a longer time with fewer people.
- Confinement as a fire management strategy means restricting fire to an area, primarily through use of natural barriers or topographic features, that are expected to limit the spread of the fire under the current and forecasted weather conditions.

POST-FIRE HAZARDS FOR HOMEOWNERS AND RANCHERS

There are several post-fire hazards homeowners and ranchers should be aware of when fire has passed over or near their property.

- Hoselays and sprinklers may be found on your property. They will remain in place as a precaution and removed at a later time. Please do not move or alter in any way. If you have any questions or concerns, call the Fire Information Number at 970-648-4470.
- Be careful when walking near severely burned trees or stumps. Fire can burn into the root system and maintain a lot of heat over a long period of time causing the ground to be unstable. Stepping into one of these "stump holes" can cause severe burns.
- Be alert of fire-damaged trees, especially on windy days. Fire can damage a tree's root systems making it unstable and depending on how badly burned, can fall over with or without gusty high winds.
- Standing beetle-killed trees damaged further from the fire can be especially hazardous.

Information Phone: 970.648.4470
Media Line: 970.765.7123
Email: 2023.lowline@firenet.gov
All USFS GMUG Fire Information Phone Line: 970.874.6602

InciWeb: <https://inciweb.nwcg.gov/incident-information/cogmf-lowline-fire>

Facebook: www.facebook.com/GMUGFireInfo



Incident: Lowline Fire	Date: 8/9/23 – 8/11/23	Operational Period: Day
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SAFETY MESSAGE



Fire fighter safety comes first on every fire, every time

Major Hazards and Risks:

- **MEDICAL EMERGENCIES & COMMUNICATIONS-** Do you know what to do in case of a medical emergency? Review the Medical Incident Report at the end of your IRPG or the IAP. Know who you will request transport resources from and on what frequency. Your actions may be what save a life.
- **DRIVING** – Spike camp does not exist anymore, travel to and from the fire will be occurring during early morning and late evening. Wildlife is in the area too so watch for deer, elk, and cattle. Heavy Machinery associated with cutting and bailing hay may be on CR 730.
- **SNAGS & FIRE WEAKENED TREES** – The strategy of this fire from day one has always been stay out of the snags. Now there are fire weakened trees along with snags throughout the burn area. Look up, look down, and around. Be especially alert if the wind picks up due to outflow winds.
- **FINE FUELS ARE DRYING OUT** – Poor humidity recovery has been occurring for several days, grass and sage is becoming receptive. Expect this trend to continue into the future.
- **MISSION CREEP** – If your assignment does not have purpose and meaning or does not support meeting the objectives, you should re-access the assignment.
- **RISK MANAGEMENT-** This is our primary means of maintaining safe wildfire operations. Consistently evaluate your actions and do not hesitate to adjust as environmental and human factor conditions change. If your assignment does not have purpose and meaning and does not support meeting the objectives, you should re-access the assignment. Review Risk Management Process in your IRPG, page 1. Look for opportunities that provide a high probability of success, while limiting risk and exposure.

**Safety First, Every Incident,
Every Time
*Fight Fire Safely!***

Safety Officers: Mike Sugaski, Mateo Pacheco (t)

MEDICAL PLAN (ICS 206 WF)

1. Incident/Project Name		2. Operational Period					
LOWLINE FIRE		August 9-11, 2023		0630 - 2130			
3. Ambulance Services							
Name	Complete Address	Phone/Frequency		Advanced Life Support (ALS) Yes No			
Gunnison Valley Health Paramedics	711 N. Taylor Street Gunnison, CO 81230	Captain on Duty 970-787-0470 Dispatch 970-641-8201		X			
Crested Butte Fire Protection District	306 Maroon Avenue Crested Butte, CO 81224	Captain on Duty 970-319-0003 Dispatch 970-641-8201		X			
4. Air Ambulance Services							
Name	Phone/Freq	Type of Aircraft & Capability					
CareFlight of the Rockies	800-332-4923 Dispatch	A-Star, Blood on board, Night Vision 36 min ETA to Fire					
Reach Air Medical	800-338-4045 Dispatch	A-Star, Blood on board, Night Vision 46 min ETA to Fire					
Classic Air Medical	1-800-444-9220 #2 Dispatch	Bell 429, Night Vision 38 min ETA to Fire					
5. Hospitals/Urgent Care							
Name Complete Address	GPS Datum - WGS 84 DD° MM.MMM' N - Lat DD° MM.MMM' W -long	Travel Time GND AIR		Phone	Helipad Yes No	Level of Care Facility	
Gunnison Valley Health 711 N. Taylor Street Gunnison, CO 81230	Lat: 38° 33.11533' N	25 minutes		970-641-7244	X	Level 4	
	Long: -106° 55.46483' W						
	VHF:						
Gunnison Valley Health Urgent Care 711 N. Taylor Street Gunnison, CO 81230	Lat:	25 minutes		970-648-7105	X	Urgent Care	
	Long:						
	VHF:						
Montrose Regional Hospital 800 S. 3rd St. Montrose, CO 81401	Lat: 38 288233' N	1 hour and 9 minutes	22 minutes	970-240-7180	X	Level 3	
	Long: -107 52.13' W						
	VHF:						
UC Health Burn Center Anschutz Medical 12505 E. 16th Ave Aurora, CO 80045	Lat: 39 44.595' N	3 hours and 33 minutes	1 hour	Burn Unit Direct 844-285-4555	X	Level 1 Burn Center	
	Long: -104 50.495' W						
	VHF:						
6. Division Branch Group		Area Location Capability					
Division A/Z		EMS Responders & Capability:		AMB 2- ALS capabilities with pain control			
		Equipment Available on Scene:					
		Medical Emergency Channel:		USFS Razor; Helicopter Medivac VMED28			
		ETA for Ambulance to Scene:		Air: 6 minutes		Ground: 25 minutes	
		Approved Helispot:		Castleton, H10			

MEDICAL PLAN (ICS 206 WF)

Division W	EMS Responders & Capability	Shared resources with Division A/Z	
	Equipment Available on Scene	Crew resources and Div A/Z resources	
	Medical Emergency Channel	USFS Razor; Helicopter Medivac VMED28	
	ETA for Ambulance to scene	Air 6 Minutes	Ground 25
	Approved Helispots(:)	H20	

Division X	EMS Responders & Capability:	Unstaffed	
	Equipment Available on Scene:	None	
	Medical Emergency Channel:	USFS Razor; Helicopter Medivac VMED28	
	ETA for Ambulance to Scene:	Air 6 Minutes	Ground 25
	Approved Helispot(s):	H14, H19	

Division Y	EMS Responders & Capability:	Crew resources; RAT team (EMPF & EMTF) with UTV, has patient carrying capabilities	
	Equipment Available on Scene:	ALS kit	
	Medical Emergency Channel:	USFS Razor; Helicopter Medivac VMED28	
	ETA for Ambulance to Scene:	Air: 6 minutes	Ground: 25 minutes
	Approved Helispot(s):	H11, H12, H13, H14	

Structure	EMS Responders & Capability:	Shared resources with Division A/Z	
	Equipment Available on Scene:	Crew resources and Div A/Z resources	
	Medical Emergency Channel:	USFS Razor; Helicopter Medivac VMED28	
	ETA for Ambulance to Scene:	Air: 8 minutes	Ground: 25 minutes
	Approved Helispot(s):	H10, Castleton	

Prepared By (Medical Unit Leader)	Date/Time	Reviewed By (Safety Officer)
Kirby Clock MEDL	08/08/23 0900	Mateo Pacheco SOFC(t)

MEDICAL PLAN (ICS 206 WF)

Controlled Unclassified Information//Basic

Medical Incident Report																													
<p>FOR A NON-EMERGENCY INCIDENT, WORK THROUGH CHAIN OF COMMAND TO REPORT AND TRANSPORT INJURED PERSONNEL AS NECESSARY.</p> <p>FOR A MEDICAL EMERGENCY: IDENTIFY ON SCENE INCIDENT COMMANDER BY NAME AND POSITION AND ANNOUNCE "MEDICAL EMERGENCY" TO INITIATE RESPONSE FROM IMT COMMUNICATIONS/DISPATCH.</p>																													
<p>Use the following items to communicate situation to communications/dispatch.</p>																													
<p>1. CONTACT COMMUNICATIONS / DISPATCH (Verify correct frequency prior to starting report) <i>Ex: "Communications, Div. Alpha, Stand-by for Emergency Traffic."</i></p> <p>2. INCIDENT STATUS: Provide incident summary (including number of patients) and command structure. <i>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."</i></p>																													
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^o - 3^o 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^o - 3^o 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			<i>Brief Summary of Injury or Illness (Ex: Unconscious, Struck by Falling Tree)</i>																										
Transport Request			<i>Air Ambulance / Short Haul/Hoist Ground Ambulance / Other</i>																										
Patient Location			<i>Descriptive Location & Lat. / Long. (WGS84)</i>																										
Incident Name			<i>Geographic Name + "Medical" (Ex: Trout Meadow Medical)</i>																										
On-Scene Incident Commander			<i>Name of on-scene IC of Incident within an Incident (Ex: TFLD Jones)</i>																										
Patient Care			<i>Name of Care Provider (Ex: EMT Smith)</i>																										
<p>3. INITIAL PATIENT ASSESSMENT: Complete this section for each patient as applicable (start with the most severe patient)</p> <p>Patient Assessment: See IRPG page 106</p> <p>Treatment:</p>																													
<p>4. TRANSPORT PLAN:</p> <p>Evacuation Location (if different): (Descriptive Location (drop point, intersection, etc.) or Lat. / Long.) Patient's ETA to Evacuation Location:</p> <p>Helispot / Extraction Site Size and Hazards:</p>																													
<p>5. ADDITIONAL RESOURCES / EQUIPMENT NEEDS:</p> <p><i>Example: Paramedic/EMT, Crews, Immobilization Devices, AED, Oxygen, Trauma Bag, IV/Fluid(s), Splints, Rope rescue, Wheeled litter, HAZMAT, Extrication</i></p>																													
<p>6. COMMUNICATIONS: Identify State Air/Ground EMS Frequencies and Hospital Contacts as applicable</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Function</th> <th style="width: 20%;">Channel Name/Number</th> <th style="width: 15%;">Receive (RX)</th> <th style="width: 15%;">Tone/NAC *</th> <th style="width: 15%;">Transmit (TX)</th> <th style="width: 25%;">Tone/NAC *</th> </tr> </thead> <tbody> <tr> <td>COMMAND</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>AIR-TO-GRND</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TACTICAL</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						Function	Channel Name/Number	Receive (RX)	Tone/NAC *	Transmit (TX)	Tone/NAC *	COMMAND						AIR-TO-GRND						TACTICAL					
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<p>7. CONTINGENCY: Considerations: If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead.</p>																													
<p>8. ADDITIONAL INFORMATION: Updates/Changes, etc.</p>																													
<p>REMEMBER: Confirm ETA's of resources ordered. Act according to your level of training. Be Alert. Keep Calm. Think Clearly. Act Decisively.</p>																													