

# Incident Action Plan

*Friday – December 2, 2016*

Day Operational Period  
0700-1900



## Rock Mountain Fire

GA-CHF-160079

P8KTE7 (0803)



Maps/IAP QR Code



INCIDENT OBJECTIVES	1. Incident Name <b>Rock Mountain Fire</b>	2. Date Prepared <b>12/01/16</b>	3. Time Prepared <b>1000</b>
4. Operational Period <b>12/02/16 0700 - 1900</b>			
5. General Control Objectives For The Incident <u>Objectives for the Incident:</u> <ul style="list-style-type: none"> <li>• Implement Operational actions that balance responder risk and probability of success in efforts to protect identified values at risk.</li> <li>• Implement suppression repair actions to minimize fire impacts to Forest Service and private lands .</li> <li>• Take actions to maintain and strengthen relationships with partner agencies, cooperators, community groups and members.</li> <li>• Provide for Initial Attack within designated Initial Attack boundaries. Support request for assistance to local units as feasible.</li> <li>• Develop suppression repair actions within wilderness and road-less areas that minimize adverse impacts to wilderness/road-less values and threatened/sensitive species of concern.</li> </ul>			
<u>Control Objectives:</u> <ul style="list-style-type: none"> <li>• Coordinate suppression actions with cooperators responsible for structure protection in Rabun, Towns, Macon &amp; Clay Counties.</li> <li>• Provide for public safety by recommending evacuation levels as deemed necessary to responsible emergency management officials in Raburn, Towns, Macon and Clay Counties.</li> <li>• Prevent loss and/or damage to private lands through combination of direct attack, use of natural barriers in combination with burnout operations, and point protection around threatened structures. Coordinate protection of private lands in North Carolina with the North Carolina Forest Service.</li> <li>• Limit fire spread to the north and east of the Nantahala Wilderness area in order to reduce loss and/or damage to private lands and residences along Hwy 64 and to the Coweeta Research Area. Establish containment lines with a consideration for long term patrol and maintenance needs associated with continued leaf-off.</li> <li>• Maintain patrol actions following initial containment efforts on all perimeters to ensure continued containment until leaf-off is complete and/or weather conditions preclude further fire spread.</li> </ul>			
6. Weather forecast for Period High pressure will remain in control of our weather keeping mainly clear skies and dry air over the fire into Saturday.			
7. General Safety Message Look up, look down, look all around for hazards, recognize them and mitigate them.			
8. ATTACHMENTS (X IF ATTACHED) <input checked="" type="checkbox"/> Organization List - ICS 203 <input checked="" type="checkbox"/> Medical Plan - ICS 206    [ ] _____ <input checked="" type="checkbox"/> Division Assignment Lists - ICS 204    [ ] Incident Map                      [ ] _____ <input checked="" type="checkbox"/> Communications Plan - ICS 205            [ ] Traffic Plan                      [ ] _____			
9. Prepared By (Planning Section Chief) <b>/s/ Dave Berens/ Roger Fryar</b>	10. Approved By (Incident Commander) <b>/s/ Steve Parrish</b>		

ORGANIZATION ASSIGNMENT LIST	
<b>1. Incident Name</b> Rock Mountain Fire	
<b>2. Date</b> 12/01/2016	<b>3. Time</b> 1100
<b>4. Operational Period</b> 12/02/16 Day (0700-1900)	

5. Incident Commander and Staff	
Incident Commander	Steve Parrish
Deputy Incident Commander	Marty Bentley, Danny Bryant
Liaison Officer	Bryan Swanson, Jack Harper
Safety Officer	Buddy Kelley, Randy Miller
Information Officer	Sallie Gentry, Michelle Burnett

6. Agency Representative	
USFS – Chattahoochee-Oconee NF – Agency Administrator	Betty Jewett
NCFS/FS- Agency Administrator	Greg Yates
USFS – AREP Georgia	Jason Engle, Tim Jones
USFS – AREP North Carolina	Allen Nicholas/ Mike Wilkins
NCFS – AREP North Carolina	Tim Howell
Lead Resource Advisor	Russ Mitchell
Resource Advisors	David Vinson, Christopher Lydick
Resource Advisor	Jasper Peach

7. Planning Section	
Chief	Dave Berens, Roger Fryar
Resource Unit Leader	Melonie Sellers, Carol O'Bryan, E.J. Bunzendahl (t)
Demob Unit Leader	Dave Dobbs
Situation Unit Leader	Jeff DeMatteis
Documentation Unit Leader	Rex Crabtree
GIS Specialist	Chris Evans, Jerry Petruzalek, Rick Dillard (t)
Fire Behavior Analyst	Stewart Turner
Incident Meteorologist	Dave Morford
Training Specialist	Thomas Shaver
Status Check-In	Jeff Turner
ITSS	John Edwards

8. Logistics Section	
Chief	Leslie Morgan, Chris Alford, Jerry Jussila
Facilities Unit Leader	Tom Phillips
Supply Unit Leader	James Grimes
Ground Support Unit Leader	Todd Waller
RCDM	Chris Combs

8. Logistics Section (Continued)	
Medical Unit Leader	Jeff Holbrook, Jamie Martin (t)
Security Manager	Greg Blanks
Communication Unit Leader	George Rosenthal
Ordering Manager	Carl Bauer

9. Operations Section	
Operations Chief – Lead	Fenn Wimberly
Operations Chief – Field	Debbie Beard
Operations Chief – Planning	Pete Kubiak, Scott Beacham (t)
a. Divisions	
Division A/D/F/H/M/N/W	Steve Gray
Division O	Matthew Johnson, Heath Thomas (t)
Division P	Mary Owen
Division Q/R	Kelly Cagle, Jamie Farmer (t)
Structure	Marc Rudkin, Paul Roose (t)
b. Air Ops Branch	
Air Operations Director	Mike Rock
Air Support Group Sup.	John Bragg
Air Support Group Sup.	Randy Carter
Helibase	Mike Lewton

10. Finance Section	
Chief	Wanda Kelly
Time Unit Leader	Laura Wilson
Equipment Time Recorder	Rachel Acker
Cost Unit Leader	Tom Steele
Cost Unit Leader (t)	Debra Sheriff
Procurement Unit Leader	Paula Winningham, Nina Barrow (t)
Comp. Claims Unit Leader	Terri McDonald

Prepared by (Resource Unit Leader)
Melonie Sellers/ Carol O'Bryan/ E.J. Bunzendahl RESL(T)



# INCIDENT Weather Forecast



**FORECAST NO:** 18

**NAME OF INCIDENT:** Rock Mountain

**PREDICTION FOR:** DAY SHIFT

**UNIT:** GA-CHF

**SHIFT DATE:** Friday, December 2, 2016

**SIGNED:** *David Morford*

**TIME AND DATE**

**FORECAST ISSUED:** 2000 Thursday, December 1, 2016

**Dave Morford**

**Incident Meteorologist**

**WEATHER DISCUSSION:**

High pressure will remain in control of our weather keeping mainly clear skies and dry air over the fire into Saturday.

**WEATHER FORECAST FOR: (FRIDAY)**

**WEATHER:** Mostly sunny and continued cool.

**TEMPERATURES:** High 49 to 53.

**HUMIDITY:** Min RH 35%

**20 FT WINDS:**

**VALLEYS/Slopes** – Northwest 8 to 12 Gusts 20 mph.

**RIDGES/Saddles** – Northwest wind 10 to 20 mph.

**TRANSPORT WIND:** Northwest 15 to 25 mph. **CWR:** 0%

**WEATHER FORECAST FOR: (FRIDAY NIGHT)**

**WEATHER:** Mainly clear and cold.

**TEMPERATURES:** Low 29 to 34.

**HUMIDITY:** Max recovery 80%.

**20 FT WINDS:**

**VALLEYS/Slopes** – Down slope/Down valley 5 to 10.

**RIDGES/Saddles** – Northwest 5 to 15 mph.

**TRANSPORT WIND:** Northwest 5 to 15 mph.

**Smoke Dispersion:** Good. **CWR:** 0%

**EXTENDED FORECAST: (SATURDAY)**

Partly Sunny. High 49 to 52. Min RH 40%. Ridge-top winds northwest 5 to 15 mph.

Sunrise 7:26 AM EST

Sunset 5:22 PM EST

## FIRE BEHAVIOR FORECAST

FORECAST NUMBER: 19	TYPE OF FIRE: Wildfire
FIRE NAME: Rock Mountain Fire	OPERATIONAL PERIOD: December 2, 2016 Day Shift
DATE ISSUED: December 1, 2016	TIME ISSUED: 2000
UNIT: Chattahoochee-Oconee & Nantahala National Forests	SIGNED: <i>Stewart Turner</i> Fire Behavior Analyst (FBAN)

### INPUTS

**WEATHER SUMMARY:**      \*\*\* See Fire Weather Forecast for Details \*\*\*

Mostly sunny and continued cool.

Day Shift: High temp: 49 to 53°F, Low RH: 35% Ridge winds Northwest wind 10 to 20 mph

**FIRE DANGER:** Drought conditions continues. The Ketch-Byram Drought Index (KBDI) values are in the mid 500 range (on a scale of 0-800) indicating much rainfall is needed to return the soil moisture (and fuels) to more seasonal conditions.

**FUELS:** The primary carrier of fire is hardwood leaf litter on the surface (FM9/TU3) with some brush components (rhododendron/mountain laurel). Brush at higher elevations may become available to burn on steep slopes or with exposure to higher winds at very low RH's. Leaf off is 80% to 100% complete, increasing with elevation. New leaf off will add surface fuel load over burned areas and firelines and increase re-burn or slop-over potential. 1000-hour fuels are at 17%. Log bridges over creeks will burn and allow potential for fire to cross. Winds can redistribute leaf litter reducing in some areas and increasing in others; think "transient" fuels.

**TOPOGRAPHY:** Steep/rugged, 40+% slope.

### OUTPUTS

#### FIRE BEHAVIOR

**GENERAL:** Recent precipitation continues to moderate fire behavior. Smoldering heavy fuels could hold heat through the recent rain events. Watch for limited creeping this afternoon as the leaf lay dries.

Fuel Model	ROS* (chains/hour)		Flame Length (feet)		Probability Of Ignition	Spotting Distance
	Head	Backing	Head	Backing		
FM09-Timber Litter Hardwood Leaf Litter	<1	<1	<1	<1	<44%	-0-

\*ROS = Rate of Spread      Fire behavior predictions are for the hottest and driest period of the day.

#### SPECIFIC:

**All Divisions:** Very little fire spread expected in leaf litter. Drying will be most significant on the south and west facing slopes. Expect the oak leaves to dry first. Smoldering expected in heavy fuels. These heavy fuels include snags/trees that continue to be weakened by smoldering. These snags/trees present a hazard to firefighters, especially with wind.

**AIR OPERATIONS:** Low clouds morning may limit aviation resources.

### SAFETY

LCES is a self-triggering mechanism. **Lookouts** assess, and reassess, the fire environment and **Communicate** threats of safety to firefighters. Firefighters use **Escape routes** to move to **Safety zones**.

**Division/Group Assignment List (ICS 204 WF)**

<b>1. Incident Name:</b>		<b>3.</b>				
Rock Mountain		<b>Branch:</b>		<b>Division/Group:</b>		
<b>2. Operational Period:</b> 0700-1900		A/D/F/H/M/N/W				
Date/Time From: 12/02/16 0700	Date/Time To: 12/02/16 1900					
<b>4. Operations Personnel</b>						
<b>AIR ATTACK SUPERVISOR</b>		<b>FIELD OPERATIONS</b>		Fenn Wimberly Debbie Beard		
<b>DIVISION/GROUP SUPERVISOR</b>	Steve Gray	12/10	<b>PLANNING OPERATIONS</b>	Pete Kubiak Scott Beacham (t)		
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
TFLD O-143	12/9	Adolfo Castro	1	0700	1900	
TFLD (t) O-26	12/5	Greg Pelsma	1	0700	1900	
HC2IA GE Forestry #8C C-40	12/3	Jose Villa	20	0700	1900	
HC2IA Chloeta Fire #14 C-25	12/7	Phillip Dow	19	0700	1900	
ENG4 Medicine Bow #651 E-28	12/14	Jarod Delay	4	0700	1900	
ENG6 Fort Howes #2607 E-99	12/10	Matthew Harding	3	0700	1900	
SOF2 O-118	12/14	Mark Sullivan	1	0700	1900	
MEDIC 10 Ambulance E-70			1	0700	1900	
EMPF O-106	12/14	Duane Woolsey	1	0700	1900	
<b>6. Control Operations/Work Assignments:</b>						
<b>Task:</b>						
<ul style="list-style-type: none"> <li>Patrol all divisions and identify any hot spots and any areas with heavy leaf fall</li> <li>Backhaul all unneeded line equipment, i.e. pumps, hose, etc.</li> <li>C-25 and C-40 perform suppression repair work on dozer line behind Tate Dip</li> <li>Perform suppression repair on Tallulaha Road</li> </ul>						
<b>Purpose:</b>						
<ul style="list-style-type: none"> <li>Ensure fire does not rekindle and spread outside current footprint as of 11/29/16</li> </ul>						
<b>End State:</b>						
<ul style="list-style-type: none"> <li>Control fire and return division to forest mop-up and repair standards</li> <li>All resources return to home unit safely</li> </ul>						
<b>7. Special Instructions:</b>						
<ul style="list-style-type: none"> <li>Ensure all residents are treated with respect</li> </ul>						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency	RX Tone/NAC	TX Frequency	TX Tone/NAC	Mode
COMMAND	7	168.475	156.7	173.8125	156.7	
TACTICAL	5	168.200	156.7	168.200	156.7	
AIR TO GROUND	15	169.1125		169.1125		
<b>9. Prepared By (Resource Unit Leader)</b> Carol O'Bryan / Melonie Sellers			<b>Approved By (Planning Section Chief)</b> Dave Berens / Roger Fryar		<b>Date</b> 12/01/16	<b>Time</b> 2000

**Division/Group Assignment List (ICS 204 WF)**

<b>1. Incident Name:</b>		<b>3.</b>				
Rock Mountain		<b>Branch:</b>		<b>Division/Group:</b>		
<b>2. Operational Period:</b> 0700-1900		O				
Date/Time From: 12/02/16 0700	Date/Time To: 12/02/16 1900					
<b>4. Operations Personnel</b>						
<b>AIR ATTACK SUPERVISOR</b>		<b>FIELD OPERATIONS</b>		Fenn Wimberly Debbie Beard		
<b>DIVISION/GROUP SUPERVISOR</b>	Matt Johnson Heath Thomas (t)	<b>PLANNING OPERATIONS</b>		Pete Kubiak Scott Beacham (t)		
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
TFLD O-144	12/9	Larry Welsh	1	0700	1900	
ENG6 Southern Plains #8662 E-92	12/8	Shane Glory	2	0700	1900	
SOF2 O-31	12/5	Tom Nash	1	0700	1900	
EMPF O-45	12/6	Ryan Verdi	1	0700	1900	
<b>6. Control Operations/Work Assignments:</b>						
<b>Task:</b>						
<ul style="list-style-type: none"> <li>Assess hazards within division</li> <li>Patrol and monitor division</li> </ul>						
<b>Purpose:</b>						
<ul style="list-style-type: none"> <li>To keep fire contained to current footprint as of 11/29/16</li> </ul>						
<b>End State:</b>						
<ul style="list-style-type: none"> <li>Control fire and return division to forest mop-up and repair standards</li> <li>All resources return to home unit safely</li> </ul>						
<b>7. Special Instructions:</b>						
<ul style="list-style-type: none"> <li>Ensure all residents are treated with respect.</li> </ul>						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	9	171.0375	156.7	163.825	156.7	
TACTICAL	3	168.250	156.7	168.250	156.7	
AIR TO GROUND	15	169.1125		169.1125		
<b>9. Prepared By (Resource Unit Leader)</b> Carol O'Bryan / Melonie Sellers			<b>Approved By (Planning Section Chief)</b> Dave Berens / Roger Fryar		<b>Date</b> 12/01/16	<b>Time</b> 2000

**Division/Group Assignment List (ICS 204 WF)**

<b>1. Incident Name:</b>		<b>3.</b>				
Rock Mountain		<b>Branch:</b>		<b>Division/Group:</b>		
<b>2. Operational Period:</b> 0700-1900				P		
Date/Time From: 12/02/16 0700	Date/Time To: 12/02/16 1900					
<b>4. Operations Personnel</b>						
<b>AIR ATTACK SUPERVISOR</b>		<b>FIELD OPERATIONS</b>		Fenn Wimberly Debbie Beard		
<b>DIVISION/GROUP SUPERVISOR</b>	Mary Owen	<b>PLANNING OPERATIONS</b>		Pete Kubiak Scott Beacham (t)		
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
TFLD O-141	12/11	Bernie Quinonez	1	0700	1900	
ENG6 Fort Belknap E-101	12/9	William Blackcrow	3	0700	1900	
SOF2 O-31	12/5	Tom Nash	1	0700	1900	
EMTF O-170	12/12	Wayne Hare	1	0700	1900	
<b>6. Control Operations/Work Assignments:</b>						
<b>Task:</b>						
<ul style="list-style-type: none"> <li>Patrol and monitor division</li> <li>Monitor division for snags and any other problematic areas</li> </ul>						
<b>Purpose:</b>						
<ul style="list-style-type: none"> <li>Ensure fire remains within current footprint as of 11/29/16</li> </ul>						
<b>End State:</b>						
<ul style="list-style-type: none"> <li>Control fire and return division to forest mop-up and repair standards</li> <li>All resources return to home unit safely</li> </ul>						
<b>7. Special Instructions:</b>						
<ul style="list-style-type: none"> <li>Ensure all residents are treated with respect</li> </ul>						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency	RX Tone/NAC	TX Frequency	TX Tone/NAC	Mode
COMMAND	9	171.0375	156.7	163.825	156.7	
TACTICAL	6	168.600	156.7	168.600	156.7	
AIR TO GROUND	15	169.1125		169.1125		
<b>9. Prepared By (Resource Unit Leader)</b> Carol O'Bryan / Melonie Sellers			<b>Approved By (Planning Section Chief)</b> Dave Berens / Roger Fryar		<b>Date</b> 12/01/16	<b>Time</b> 2000

**Division/Group Assignment List (ICS 204 WF)**

<b>1. Incident Name:</b>			<b>3.</b>			
Rock Mountain			<b>Branch:</b>		<b>Division/Group:</b>	
<b>2. Operational Period:</b> 0700-1900					Q / R	
Date/Time From: 12/02/16 0700		Date/Time To: 12/02/16 1900				
<b>4. Operations Personnel</b>						
<b>AIR ATTACK SUPERVISOR</b>				<b>FIELD OPERATIONS</b>		Fenn Wimberly Debbie Beard
<b>DIVISION/GROUP SUPERVISOR</b>		Kelly Cagle Jamie Farmer (t)		<b>PLANNING OPERATIONS</b>		Pete Kubiak Scott Beacham (t)
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator	LWD		Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
TFLD	O-142	12/10	Scott Burghardt	1	0700	1900
HC2IA Wallowa Whitman #7	C-44	12/10	Andrew T Barr	20	0700	1900
HC2IA Rubicon #2	C-6	12/2	Jesse Kiene	21	0700	1900
HC2 Lava River #173	C-45	12/10	Jorge Perez	20	0700	1900
STEN	O-79	12/7	Joel Burgett	1	0700	1900
ENG6 Smokey Bear # 611	E-72	12/6	Matthew Spurlock	2	0700	1900
ENG6 Flathead # 1304	E-100	12/10	Pierre Malatare	3	0700	1900
ENG6 Flathead # 611	E-102	12/11	Brandon Hightower	3	0700	1900
ENG6 Flathead # 1301	E-103	12/10	Lloyd Barnaby	3	0700	1900
ENG6 Dakota Prairie #671	E-98	12/8	Eric Danko	3	0700	1900
HEQB	O-154	12/7	Joseph Chastain	1	0700	1900
HEQB	O-156	12/12	Brian Bull	1	0700	1900
DOZ3 I Know Jack	E-36	12/5	Ben Thompson	2	0700	1900
DOZ3 Scholl Fire	E-37	12/3	Richard Scholl	1	0700	1900
SOF2	O-10	12/15	Marshall Brown	1	0700	1900
Medic 20			Ambulance	1	0700	1900
EMTF	O-92	12/7	Jed Getman	1	0700	1900
<b>6. Control Operations/Work Assignments:</b>						
<b>Task:</b>						
<ul style="list-style-type: none"> <li>• Perform suppression repair work from DP 13 to DP 27</li> <li>• Patrol and monitor division; mop up as necessary</li> <li>• Coordinate with READ to assess Mary Dip Staging for damage</li> </ul>						
<b>Purpose:</b>						
<ul style="list-style-type: none"> <li>• To keep fire contained to current footprint and prevent fire from escaping onto Coweeta hydrologic station.</li> </ul>						
<b>End State:</b>						
<ul style="list-style-type: none"> <li>• Control fire and return division to forest mop-up and repair standards</li> <li>• All resources return to home unit safely</li> </ul>						
<b>7. Special Instructions:</b>						
<ul style="list-style-type: none"> <li>• Ensure all residents are treated with respect</li> </ul>						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency	RX Tone/NAC	TX Frequency	TX Tone/NAC	Mode
COMMAND	9	171.0375	156.7	163.825	156.7	
TACTICAL	2	166.775	156.7	166.775	156.7	
AIR TO GROUND	15	169.1125		169.1125		
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>	<b>Time</b>
Carol O'Bryan / Melonie Sellers			Dave Berens / Roger Fryar		12/01/16	2000

**Division/Group Assignment List (ICS 204 WF)**

<b>1. Incident Name:</b>		<b>3.</b>				
<b>Rock Mountain</b>		<b>Branch:</b>		<b>Division/Group:</b>		
<b>2. Operational Period:</b>		<b>Structure</b>				
<b>0700-1900</b>						
Date/Time From: 12/02/16 0700		Date/Time To: 12/02/16 1900				
<b>4. Operations Personnel</b>						
<b>AIR ATTACK SUPERVISOR</b>			<b>FIELD OPERATIONS</b>	Fenn Wimberly Debbie Beard		
<b>DIVISION/GROUP SUPERVISOR</b>	Marc Rudkin Paul Roose (t)	12/13	<b>PLANNING OPERATIONS</b>	Pete Kubiak Scott Beacham (t)		
<b>5. Resources Assigned this Period</b>						
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
TFLD O-61	12/3	Brian Pitts	1	0700	1900	
HC2 GFP Enterprises C-27	12/6	Michael Denning	20	0700	1900	
ENG6 Colorado Springs U6111 E-104	12/8	Robert White	3	0700	1900	
ENG6 Nine Mile #641 E-105	12/9	Scott Suko	3	0700	1900	
SOF2 O-177	12/8	Steve Heppner	1	0700	1900	
<b>6. Control Operations/Work Assignments:</b>						
<b>Task:</b>						
<ul style="list-style-type: none"> <li>• Assist other divisions with any needs</li> <li>• Be ready to respond to any I.A.</li> </ul>						
<b>Purpose:</b>						
<ul style="list-style-type: none"> <li>• Ensure no structures are lost or damaged</li> </ul>						
<b>End State:</b>						
<ul style="list-style-type: none"> <li>• No fire damage to structures or out buildings</li> <li>• Minimize damage to private property</li> <li>• All resources return to home unit safely</li> </ul>						
<b>7. Special Instructions:</b>						
<ul style="list-style-type: none"> <li>• Ensure all residents are treated with respect.</li> </ul>						
<b>8. Division/Group Communication Summary</b>						
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode
COMMAND	9	171.0375	156.7	163.825	156.7	
TACTICAL	1	166.725	156.7	166.725	156.7	
AIR TO GROUND	15	169.1125		169.1125		
<b>9. Prepared By (Resource Unit Leader)</b>		<b>Approved By (Planning Section Chief)</b>			<b>Date</b>	<b>Time</b>
Carol O'Bryan / Melonie Sellers		Dave Berens / Roger Fryar			12/01/16	2000

**AIR OPERATIONS SUMMARY 220** OPERATIONAL PERIOD DATE: 12-02-2016 0700-1800

1. INCIDENT NAME: <b>Rock Mountain</b>		Prepared By: <b>John Bragg</b>		Prepared; 12-01-16 1800		SUNRISE: <b>0724</b>		SUNSET: <b>1722</b>	
3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.):									
A. Pay special attention to IA frequencies and responding A/C.									
B. CEASE ALL FIRE OPERATIONS AT SUNSET									
C. ALL AIRCRAFT SQUAWK 1255									
4. Medical – see IAP Medevac/Extraction – order through ICP-give 9 line information		AM		FM					
7. FREQUENCIES		AM		FM					
TFR/Air to Air A-4 Primary		123.275							
Air/Ground Primary A-32				169.1125					
ASGS		423-483-2798							
ASGS		Randy Carter		501-802-6708					
ATGS									
Air Guard Emergency Use Channel 16				168.625 TX Tone 110.9					
Deck				163.1000					
Nat'l. Flight Following Tone TX 110.9				168.6500					
Helibase (Toccoa Airport)		Mike Lewton		520-604-6287					
Short Haul		Todd Tollefsrud		509-860-2074					
8. FIXED-WING Avail/ Type/ Make-Model/ N#/ Base AIRTANKERS- Order as needed									
Chattanooga Tanker Base: Operational									
2 CL-415 Super Scoopers at TRI (Blountville, TN)									
6 Seats Available at Morganton, NC									
MMA aircraft at Greenville, SC									
<b>REMARKS</b>									
Helibase Trailer E-11									
Land Use Agreement Airport S-129									
Land Use Agreement Rock Mtn Helibase S-130									
Land Use Agreement for water at Ramah Datin S-125									
<b>Helicopter Managers: Give daily costs to the helibase manager. Helibase manager: Turn in costs to ASGS at end of shift.</b>									

**9. HELICOPTERS** (Use Additional Sheets as Necessary)

FAA N#	TY	MAKE/ MODEL	BASE	START	AVAIL	REMARKS	FAA N#	TY	MAKE/ MODEL	BASE	START	AVAIL	REMARKS
35HX Short-Haul	3	Astar B3 A-14	Toccoa Apt.	0830	0900	Todd Tollefsrud 509-860-2074	161KA	1	KMAX A-13	Toccoa Apt	0830	0900	Josh Hutchison 530-304-6027
534HQ	2	B205 A-6	Toccoa Apt.	0830	0900	Eric Haskins 909-553-4702							

**10. TASK/MISSION/ASSIGNMENT (Type/Function includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, S&R, etc.)**

TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO	MISSION	AVAILABILITY	FLY FROM	FLY TO
Water Drops/Recons/Mapping	As needed: Order through Helibase or AOBD/ASGS			Toccoa Airport	

# SAFETY MESSAGE

---

**INCIDENT: Rock Mountain**

**DATE: December 2, 2016**

---

**Major Hazards and Risks: Inclement Weather, Hazard Trees, Driving, Personal Care**

**Hypothermia:** When weather events such as predicted for the next few days with rain, cold temperatures, and cold winds occur, hypothermia can easily occur if an individual is exposed and not prepared. It happens when your core body temperature falls below normal, and your body begins to shiver to re-warm itself. If this happens too often, you may reach a point where your body can no longer warm itself. If left untreated, your body will gradually shut down and you can die. To avoid hypothermia, guard against fatigue, dehydration, and extended exposure. Dress warmly, stay dry and stay out of the wind. Be aware of the symptoms, which can include slurred speech, loss of coordination, confusion, apathy, and irrational behavior.

**Hazard Trees:** Conditions in hardwood trees are not similar to conifer trees, and firefighters need to take appropriate considerations and actions when working around these hazardous trees. If you have to be in the fire area, look up, and look around frequently for fire weakened trees that can come down unexpectedly or drop branches without warning. When using equipment, be aware that it sometimes takes only a slight bump from a dozer or other equipment to bring these trees down or dislodge dead limbs.

**Driving:** Driving continues to be a major hazard on this incident. Be alert for heavy weekend traffic and exercise caution on extremely narrow, winding roads that are common in the area. Expect the unexpected. Wildlife may be present. Defensive driving is essential. Keep windows clean, use headlights, seat belts, and chock blocks. Utilize backers when available. If necessary, get out of your vehicle and check clearances before backing.

**Personal Safety and Health:** An important aspect of safety is individual responsibility for one's own health and safety. Some of those responsibilities are fitness for duty, which includes things like getting adequate sleep, maintain a healthy diet, and physical training. Other responsibilities include utilization of PPE without being told, following safe working practices, communicate clearly and concisely with those around you, and maintain situational awareness at all times.

**REMEMBER: P.A.C.E: Stands for Primary, Alternate, Contingency, and Emergency.** It is a good solid way to break down your plan to make sure that your success is high. It doesn't have to be a long hard process, it can be very simple. Ask yourself the question for planning medical, tactical, etc. What will you do if your Primary plan doesn't work? What will you do if your Alternate plan then doesn't work? Then go to Contingency and lastly an Emergency plan if everything fails.

Prepared By: Buddy Kelley. Randy Miller



Region Eight Fire Risk Management

# Safety Bulletin



**Date:** November 15, 2016

**R8-FAM-RM-2016-10**

**Subject:** Hazardous Tree Falling in the Southern Region:

**Issue:** Many firefighters that come into the region are involved with near misses regarding hazardous tree falling operations. The severe conditions of drought, and the late fire season have created a dangerous situation with resources out of region. Firefighters engaged in hazardous tree operations need to consider the hardwood component of the trees they are falling, and use the proper sequence and training to safely fall all trees.

**Why are the hazardous tree conditions different in the Southern Region as compared to elsewhere?**

- A. Hazardous trees in hardwood canopies often contain weight and limbs away from the direction you are falling the tree. The need to be carefully evaluated before attempting to fall.
- B. Due to the late fire season we experience in the southern region, trees cast their leaves giving the appearance that the tree is dead or lighter than they actually are.
- C. Dead hardwood trees are significantly heavier, making these hazard trees fall unpredictably. They are not conifers and do not carry the same attributes during falling operations.
- D. Firefighters used to working in western fire regions have been killed, paralyzed, and injured in the Southern region because they complacently fell hardwood trees in conditions different than we are currently seeing.

#### **Hazardous tree protocol for crews:**

- 1- **Identify and evaluate-** Scout for hazardous trees and flag the tree and a buffer or post warning signs. Not all dead trees are hazardous and many green trees are hazardous.
- 2- **Post lookouts-** In areas of known or potential snags and hazard trees.
- 3- **Communicate-** Make sure everyone in the work area knows the presence and location of hazard trees. Warning- Have crewmembers yell "snag" or "snag patch" when they walk by a hazardous tree or snags.
- 4- **Removal or avoidance-** Mitigate the hazards with steps agreed to by you and your supervisor. This would include flagging the hazard, posting a lookout, choosing to work away from the hazard, planning escape routes, etc. Hazardous trees that are too dangerous to cut should be identified and avoided. In areas with numerous hazard trees, the appropriate decision might be to avoid the area completely and not cut the

**Summary:** Conditions in hardwood trees are not similar to conifer trees, and firefighters need to take appropriate considerations and actions when working around and falling these hazardous trees. Experience in western fire regions may give way to complacency for falling protocols in these hardwoods. Do not endanger yourself or others during falling operations.

**Additional Information:** For further information, review the Southern Region Snag Brochure.

## INCIDENT SAFETY ANALYSIS 215a

Rock Mountain - Friday, December 02, 2016

8. Location	9. Hazard	6. Control or Abatement Action (Engineering, Administrative, PPE, Avoidance, Education, etc)
DIVS ALL	Helicopter Operations	<ul style="list-style-type: none"> <li>~ Stay clear of all bucket drops when suppression actions are in place and allow 1 minute prior to re-entry.</li> <li>~ Monitor A-G communications.</li> <li>~ Follow aviation safety guidelines in IRPG and IHOG.</li> </ul>
DIVS ALL	Hazard Trees	<ul style="list-style-type: none"> <li>~ Follow "Hazard Tree Safety" guidelines, IRPG page 22.</li> <li>~ Post lookouts, or use a spotter in mop-up areas with personnel.</li> <li>~ Don't park vehicles or take breaks in high concentrations of hazard trees.</li> <li>~ Establish trigger points for disengagement during high wind events.</li> <li>~ Remember that the hazard zone extends a minimum of 2 1/2 tree heights.</li> </ul>
DIVS ALL	Injury & Medical Emergency	<ul style="list-style-type: none"> <li>~ Assist injured employee appropriate medical care.</li> <li>~ Use EMT's on Division for initial care.</li> <li>~ Follow medical protocol as outlined in ICS-206 &amp; IRPG Pgs 99-108</li> </ul>
DIVS ALL	Mop-up & Rehab	<ul style="list-style-type: none"> <li>~ Do not work above or below personnel during rehab/mop-up operations.</li> <li>~ Alert crew personnel of rolling debris by yelling to affected individuals.</li> <li>~ Position debris that could roll vertically on slope.</li> <li>~ Wear eye protection.</li> </ul>
DIVS ALL	Driving & Traffic	<ul style="list-style-type: none"> <li>~ Practice "Defensive Driving" techniques traveling on all roads and city streets.</li> <li>~ Use spotters when backing.</li> <li>~ Honk horn to alert personnel when backing.</li> <li>~ Keep clutter off dash and inside cab.</li> <li>~ Follow Driving LCES (Lights, Chock blocks, Emergency brake, Seat belts.</li> <li>~ Always use headlights.</li> <li>~ Yield to pedestrians and bicycles.</li> <li>~ Observe posted speed limits.</li> <li>~ Use the 3 second rule for following distance when driving.</li> <li>~ Use chock blocks, turn wheels into hill.</li> <li>~ Avoid distractions (eating, cell phones, radio).</li> <li>~ Ensure that windshields are kept clean of dust and bugs.</li> </ul>
DIVS ALL	Chain Saw Operations	<ul style="list-style-type: none"> <li>~ Follow "Hazard Tree Safety" guidelines, IRPG page 22</li> <li>~ Look up, Look down, Look around for hazard tree indicators.</li> <li>~ Only fell and buck trees within your expertise, and training.</li> <li>~ Follow "Procedural Felling Operations" on page 79 in IRPG.</li> <li>~ Do not fall trees during high wind events.</li> <li>~ Ensure proper use of all required PPE.</li> </ul>
DIVS ALL	Steep Terrain & Rolling Debris	<ul style="list-style-type: none"> <li>~ Maintain 8'-10' spacing when working &amp; walking.</li> <li>~ Don't work above any personnel.</li> <li>~ Be on the lookout for rolling rocks, debris, or burning material.</li> <li>~ Evaluate necessity to send personnel in areas with limited access.</li> <li>~ Post lookouts (IRPG pg 6).</li> </ul>
DIVS ALL	Communications	<ul style="list-style-type: none"> <li>~ Maintain communication with aviation resources, and suppression organization.</li> <li>~ Ensure all know frequency and protocol for contacting resources.</li> <li>~ Utilize the ICS 205.</li> <li>~ Utilize human repeaters when working in dead spots.</li> </ul>
DIVS ALL	Unburned Area/Reburn Potential	<ul style="list-style-type: none"> <li>~ Monitor weather.</li> <li>~ Base actions upon observed and predicted fire behavior.</li> <li>~ LCES Checklist (IRPG pg. 6).</li> <li>~ Look Up, Down and Around (IRPG pg. 2-3).</li> </ul>
DIVS P Q R	Structure Protection & HAZMAT	<ul style="list-style-type: none"> <li>~ Review "Wildland Urban Interface" Watch outs, IRPG page 12.</li> <li>~ Use "Structure Assessment" checklist, IRPG pages 12-16.</li> <li>~ Follow "HAZMAT Incident Operations" on pages 34-36 in IRPG.</li> </ul>

<b>MEDICAL PLAN</b>	1. INCIDENT NAME: <b>Rock Mountain</b>	4. OPERATIONAL PERIOD <b>12/2 0800-1900</b>							
<b>Ground Ambulance</b>									
NAME		LOCATION		PHONE	PARAMEDICS				
<b>Towns County EMS</b>		1505 State Hwy 76 Hiawassee, GA 30546		706-435-0509 911	Yes				
<b>Rabun County EMS</b>		36 Emergency Dr. Clayton, GA 30525		706-782-6251 911	Yes				
<b>Macon County EMS</b>		125 Hyatt Road Franklin, NC 28734		828-349-2548 911	Yes				
<b>Air Ambulance</b>									
NAME		Phone	Response time to ICP	Aircraft Communications					
<b>Mountain Area Medical Aircraft 800-962-4354</b>		911	20 min	Ch 13 - State Aid – 154.2800					
<b>Air Life - Georgia 14 800-854-1033</b>		911	20 min	Ch 13 – VFire21 – 154.2800					
<b>UH-60, NCHEART (Hoist Capable)</b>		Asheville Dispatch 828-257-4264	15 min	Ch 16 – Air Guard					
<b>Incident Resources</b>									
NAME		LOCATION			PARAMEDICS				
					YES NO				
<b>Medic 10 (Rabun Ambo) EMPF Woolsey, Duane 801-824-3688</b>		Divs. A/D/F/H/M/N/W			X				
<b>EMPF Verdi, Ryan 541-915-3913</b>		Divs. O			X				
<b>EMTF Hare, Wayne 435-260-0051</b>		Divs. P			X				
<b>Medic 20 (Macon Ambo) EMTF Getman, Jed 541-391-3243</b>		Divs. Q/R			X				
<b>HOSPITALS</b>									
NAME	GPS Datum – WGS 84 Degrees Decimal Minutes DD° MM.MMM'	TRAVEL TIME from ICP		PHONE	TRAUMA	HELIPAD	BURN CENTER		
		AIR	GRND		Yes No	YES NO	YES NO		
Mountain Lakes Medical Center 196 Ridgecrest Circle, Clayton, GA	N 34° 52.7432 W 83° 24.1995	N/A	5 min	828-488-2155		X	X		X
Mission Hospital 509 Biltmore Ave Asheville, NC (Trauma 2)	N 35° 34.53' W 82° 32.94'	25 min	1.5 hr	828-213-1948	X		X		X
University of TN MC 1924 Alcoa Highway Knoxville, TN (Trauma 1)	N 35° 57.0' W 83° 56.60'	35 min	2.5 hr	865-305-9000	X		X		X
Grady Burn Center 80 Jesse Hill Jr. Dr. Atlanta, GA (Trauma 1)	N 33° 45.08' W 084° 22.55'	20 min	2 hr	404-616-2876	X		X		X
<b>General Information</b>									
<p><b>Note:</b> Green or non-emergent injuries/illness, if deemed by on-scene EMT/Medic, does not require a full <b>Medical Incident Report</b>. A brief injury/illness description, treatment plan, and transport decision is sufficient.</p> <p><b>Short Haul Helicopter:</b> Tail # 35HX. Request through Communications.</p>					<p><b>Medic 10:</b> Is the ambulance that is dedicated to the Rock Mountain Fire. It will be staged at the Rock Mountain staging area, at the junction of 87 Rd and 70 Rd. Available to Division A/D/F/H/M/N/W</p> <p><b>MEDIC 20:</b> Is the ambulance that is dedicated to the Rock Mountain Fire. It will be staged on, and available to, Division Q/R.</p> <p><b>Hygiene:</b> Wash hands before each meal to better prevent illness.</p>				
PREPARED BY: Jeff Holbrook /MEDL ; Jamie Martin /MEDL (T) 435-754-4222			Date: 12/1/16	REVIEWED BY : Buddy Kelley /Safety Officer 850-447-1344			Date: 12/1/16		

# INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

1. Incident Name:		2. Date/Time Prepared:		3. Operational Period: DAY							
Rock Mountain		Date: 12/1/16 Time: 1300	Date/Time From: 12/02/16 0700	Date/Time To: 12/02/16 1900							
<b>4. Basic Radio Channel Use:</b>											
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	
	1	TACTICAL	TAC 1	STRUCTURE	166.725	156.7	166.725	156.7		Structure IA	
	2	TACTICAL	TAC 2	DIVISION R	166.775	156.7	166.775	156.7		DIV R	
	3	TACTICAL	TAC 3	DIVISION O	168.250	156.7	168.250	156.7		DIV O	
	4	TACTICAL	TAC 4	DIVISION Q	168.050	156.7	168.050	156.7		DIV Q	
	5	TACTICAL	TAC 5	DIVISION A/D/F/H/M/N/W	168.200	156.7	168.200	156.7		DIVISION A/D/F/H/M/N/W	
	6	TACTICAL	TAC 6	DIVISION P	168.600	156.7	168.600	156.7		DIV P	
	7	COMMAND	CMD 7	DIV A/D/F/H/M/N/W	168.475	156.7	173.8125	156.7		CMD 7 LINKED TO CMD 9 & 10	
	8	NOT ACTIVE	CMD 8	NOT ACTIVE	164.425	156.7	173.675	156.7		NOT ACTIVE	
	9	COMMAND	CMD 9	DIV O/P/Q/R/Structure	171.0375	156.7	163.825	156.7		CMD 9 LINKED TO CMD 7 & 10	
	10	COMMAND	CMD 10	ALL DIVISIONS	171.075	156.7	164.600	156.7		CMD 10 LINKED TO CMD 8 & 9	
	11	FS REPEATER	LONG CREEK	SEE REMARKS	168.775		164.150	127.3		FOREST SERVICE REPEATER BURREL FIRE	
	12	FS REPEATER	GLASSY	SEE REMARKS	168.775		164.150	114.8		FOREST SERVICE REPEATER GAINSVILLE DISPATCH	
	13	TACTICAL	VFIRE 21	SEE REMARKS	154.280		154.280			STATE MUTUAL AID	
	14									NOT IN USE	
	15	AIR TO GROUND	A/G PRI	AIR TO GROUND	169.1125		169.1125				
	16	AIR GUARD	AIR GRD	AIR GUARD	168.6250		168.6250	110.9			
<b>5. Special Instructions:</b> Use these frequencies for Rock Mountain Initial Attack											
<b>6. Prepared By</b> (Communications Unit Leader)				Name: GEORGE ROSENTHAL				Signature: /s/ George Rosenthal			
ICS 205				IAP Page				Date/Time: 12/1/16 1400			

## Finance Notes

For **ALL** resources:

- Please turn in CTRs and/or shift tickets **daily**.
- Record your request number (i.e., E-1, O-1, C-1) on CTRs and shift tickets. For shift tickets, put the number in the upper right hand corner.
- Record all of the meal breaks taken during your operational period, with a **minimum** of one during each shift. If no meal break is recorded, justification must be included in remarks.
- Document the reason for Hazard Pay or other differential (i.e., Environmental Pay) in remarks.

For **AD & CONTRACTED RESOURCES**:

- Please bring us a copy of your hotel and any other reimbursable expense receipts as soon as you are able. We would like to get them entered ahead of demobilization to help speed up the process.

## Rock Mountain Fire Update Southern Area Gold Team

Information: (470) 208-2866  
[rockmountainfire@gmail.com](mailto:rockmountainfire@gmail.com)



Chattahoochee-Oconee  
and Nantahala National  
Forests



North Carolina  
Forest Service



Southern Area Incident  
Management Gold  
Team

Just a few short days ago, Dolly Parton appeared in a Public Service Announcement with Smokey Bear talking about wildfires. This week, one of the worst wildfires in Tennessee's recent history swept through Gatlinburg, Tennessee, and raced toward Dollywood. Hundreds of homes were destroyed and seven people have been confirmed deceased; others are missing. Dolly responded to this tragedy by starting a fund to help those that lost their homes.



The Dollywood Company and the Dollywood Foundation are helping to establish the My People Fund to provide a hand up to those families who have lost everything in the Smoky Mountain fires. To aid in their recovery effort, the Dollywood Foundation will provide \$1,000 a month to all of those

families who lost their homes in the fires for six months so that they can get back on their feet.

For more information on how to support these efforts, please visit the website at <http://dollywoodfoundation.org/>.



Wordpress Blog

InciWeb: <http://inciweb.nwcg.gov/incident/5100>  
Blog: <https://rockmountainfire.wordpress.com/>  
Twitter: @ChattOconeeNF  
Facebook: ChattOconeeNF  
Chattahoochee-Oconee Website: <http://www.fs.usda.gov/conf>



InciWeb

# Friday, Saturday, Sunday Parking



**Overflow  
Parking**

**Savannah Street**

**Main Street**

**S. Chuch St.**

**Type III  
Parking**

**Derrick St.**

**No Parking  
After 0800**

**Gym**

**No  
Parking**

**Church**

**No Parking  
After 0900**

**No Parking**

**Pharmacy**

**S. Chuch St.**

**ICP  
Parking**

**No  
Parking**

**ICP**



## **Fire Suppression Repair Standards for the Rock Mountain Fire on the Chattahoochee & Nantahala National Forests**

---

### **General**

- Remove all unnecessary flagging, temporary signage, supplies, equipment, trash and remove dams used to construct pools for drafting water.
- Coordinate with READs to rehab all constructed fireline, safety zones, evacuation routes & parking areas.
- Fell hazard trees along fire perimeter or within rec sites, roads and trails that are hazardous to suppression personnel.

### **Special Areas**

- Use MIST when working along the **Appalachian Trail, Wilderness Areas and Wilderness Study Areas.**

### **Hand & Dozer line<sup>1</sup>**

- Identify and/or remove dozer berms and windrows except in areas identified as needing a berm to serve as a barrier to entry along roads or trails. Sow berms with seasonally-appropriate seed (Annual Rye at 50 lbs/ac) and cover with organic matter or wheat straw.
- Sow all lines within 100 ft. of streams with seasonally-appropriate seed (Annual Rye at 50 lbs/ac) and cover with organic matter or wheat straw.
- Sow all dozer lines that were constructed on private lands with seasonally-appropriate seed (Annual Rye at 50 lbs/ac).

### **Roads<sup>1</sup>**

- Reconstruct roads damaged by mechanized equipment to stabilize the road prism and running surface.
  - Tallulah River Road, FS Rd #70 – grade road from end of pavement to end of road at trail head.
  - Coleman River Road, FS Rd #54 – grade road from intersection with Persimmon Road to end at Wilderness Boundary
- Repair damaged road drainage structures and conveyances to a condition where they can function as designed that were impacted as a result of fire suppression.
- Close roads opened for fire suppression by replacing or repairing the barriers.
  - Reinstall gate on private land on Plumorchard Rd at DP #60 where it intersects with Upper Hightower Road.

## Fire Suppression Repair Standards for the Rock Mountain Fire on the Chattahoochee & Nantahala National Forests

### Water bars

- Construct and install water bars on hand and dozer lines in accordance with Figure 1 & Table 1.
- Install water bars to lead water to a vegetated area, clear all debris on the outlet side.

### Wilderness/Appalachian Trail<sup>1</sup>

- Flush cut all stumps.
- Camouflage cut stumps that are visible from maintained hiking trails by covering with dirt.
- Arrange any woody material cut during suppression in such a manner as to mimic blowdown or natural conditions, with cut ends being turned away from any maintained hiking trail.
- Rake leaves and scatter woody debris in fire lines where visible from maintained hiking trails.
- Naturalize any area where there were concentrations of personnel within the wilderness by scattering leaves, woody debris, etc.
- Replace any water bars removed during suppression efforts on the Appalachian Trail. Repair or replace any water bars damaged during suppression efforts. Note: water bar material must be native stone or logs, installed in a manner of the nearby undamaged water bars.
- Repair any outside berm of the trail that may have been damaged during suppression efforts.
- Sow all dozer lines that were constructed in wilderness with seasonally-appropriate native seed (per recommendation of district biologist).

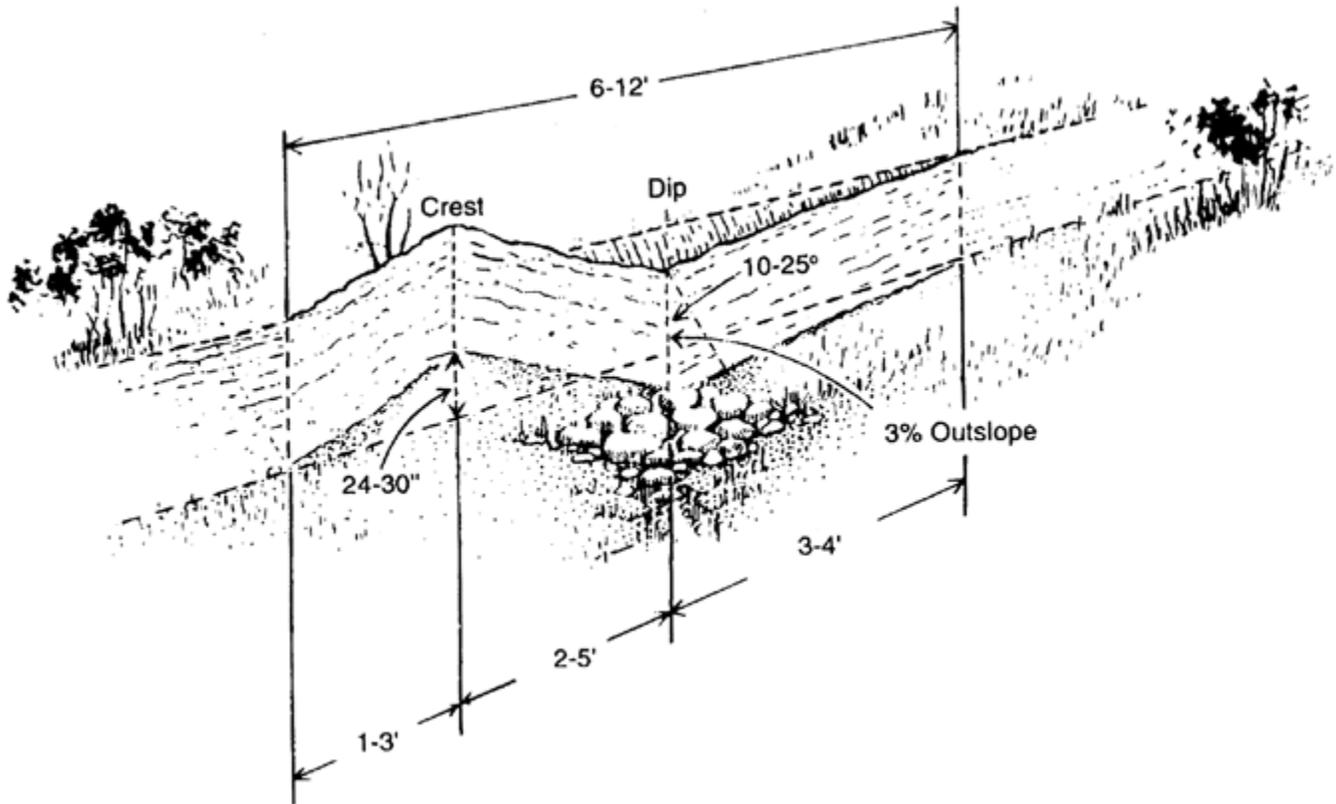
<sup>1</sup> More site specific activities may be added as new suppression activities develop.

### SEE ATTACHMENTS FOR ADDITIONAL STANDARDS

TABLE 1: SPACING OF WATER BARS ON FIREBREAKS	
GRADE OF FIREBREAK (%)	DISTANCE BETWEEN WATER BARS (FT)
2 to 4	250
5 to 9	135
10 to 14	80
15 to 19	60
20 to 24	45
25 to 39	35
40 +	30

# Fire Suppression Repair Standards for the Rock Mountain Fire on the Chattahoochee & Nantahala National Forests

Figure 1: Profile of Retired Temporary Access Road Showing Water Bars.



# North Carolina Forest Service Suppression Repair Standards for State and Private Lands

## Dozer line repair:

1. On dozer line on old road beds, construct waterbars (See waterbar specs below), and pull in outside berm and woody debris where available, then seed with appropriate seed mixture (see seed mixture recommendations below).
2. On newly constructed dozer line that has the potential for accelerated erosion, construct waterbars and pull in outside berm and woody debris where available, then seed with appropriate seed mixture. For gentler, rockier slopes, where accelerated erosion is not of concern, do not waterbar. Pull in excavated material (outside berm, woody debris, etc) back onto the dozer line, then seed with appropriate seed mixture.

## Handline repair:

1. Where handlines have been constructed down to bare mineral soil, rake the soil surface to create a rough surface for seed, seed with an appropriate seed mixture, and rake leaves from the adjacent area to act as mulch.
2. Trenched line should be filled in by hand work and the handline restored to blend with the undisturbed soil contours. Berms, topsoil, and organic matter should be pulled back onto the handline. Green trees/branches, dead limbs and cut downed logs are to be re-scattered onto the handline to obliterate evidence of the line as much as practical.

## Waterbar Specs

Slope Grade (percent)	Broad-based dips, Turnouts, Cross-drains (feet)	Waterbars (feet)
20 +	60 to 40	40 to 30
16 to 20	100 to 60	60 to 40
11 to 15	140 to 100	80 to 60
6 to 10	180 to 140	100 to 80
0 to 5	250+ to 180	120+ to 100

The "level sight distance" method can also be used to determine waterbar spacing. Stand on a drainage feature (grade-sag, waterbar, etc), looking upslope place the next waterbar level with your line of sight.

## Seeding Specs

<p><b>Generic soil additive amounts for all seasons:</b></p> <p><b>Fertilizer:</b> 400 pounds per acre with 10-10-10.</p> <p><b>Lime:</b> 2,000 pounds per acre with ground 'agricultural' lime.</p> <p><b>Conversions:</b> Pounds (#) of fertilizer that provide 1.0# of nitrogen per 1,000 sq.ft.: 20# of 5-5-5. 20# of 5-10-5. 20# of 5-10-10. 10# of 10-10-10. 12.5# of 8-8-8. 6.25# of 16-0-0.</p>	Creeping Red Fescue	20 pounds / acre	
	Red Clover	10 pounds / acre	
	Oats	1 to 2 bags / acre	
	<b>Summer Application for Temporary Cover</b>		
	German Foxtail or Browntop Millet	25 pounds / acre	
	<b>Early Fall Application Mix</b>		
	Creeping Red Fescue	20 pounds / acre	
	Red Clover	10 pounds / acre	
	Wheat	1 to 2 bags / acre	
	<b>Late Fall Application Mix</b>		
	Creeping Red Fescue	20 pounds / acre	
	Annual Ryegrass	10 pounds / acre	
	Rye	1 to 2 bags / acre	
	<b>Winter Application for Temporary Cover</b>		
Annual Ryegrass	20 pounds / acre		

### Grain Application Notes:

- Grains are often sold by weight in pounds, or by volume in bushels:
  - Wheat may be sold in 50-pound bags, or 1-bushel bags that weigh about 60 pounds.
  - Rye is usually sold in 1-bushel bags that contain about 55 pounds.
  - 'Certified' seed oats are sold in 2-bushel bags that contain about 65 pounds.
  - Whole feed oats are sold in 50-pound bags. Feed oats are lower cost than certified seed oats, and can be used with the **Spring Application Mix**.
  - Oats are not as cold-tolerant as wheat and rye, and they may die in the winter at high elevations if used in the **Fall Application Mix**.
  - If the grain in the suggested application mix in Table 11-1 is not available, another should be substituted.
- For seeding with grains, a single bag (between 50 to 60 pounds) should be adequate for most sites. However, if slope or soil conditions warrant, increase the amount of grains to two bags (between 100 to 120 pounds).

# DEMOB TENTATIVE RELEASE

**12/02/2016**

## EQUIPMENT

E-18 0900 (ENG3) ASF #374  
E-20 0900 (ENG4) NV #2415  
E-80 0900 (ENG3) AVONDALE  
E-73 1000 (ENG3) ST. JOHNS #1971  
E-79 1000 (ENG3) AZ-GOR #1634  
E-86 1000 (ENG6) MICHIGAN #33  
E-91 1000 (ENG6) KEYSTONE ENGINE #2  
E-75 1100 (ENG6) CLOUDCROFT BRUSH #10

## OVERHEAD

O-118 (SOF2) JENSEN, DAVID  
O-74 (TFLD) FRAZER, THEODORE  
O-159 (OPBD) KIESLING, JEREMY  
O-152 (DIVS) LYMAN, JASON  
O-104 (HEQB) WICKSTROM, JOHN  
O-13 (INCM) BARTO, MARIKA  
O-15 (RADO) BERRY, CARLA

**12/03/2016**

## CREWS

C-6 0800 (HC2I) RUBICON #2

## OVERHEAD

O-50 HMGB) NICHOLSON, MONIKA  
O-10 (SOF2) BROWN, MARSHALL  
O-101 (IMET) MORFORD, DAVE  
O-122 (GISS) PETRUZALEK, JERRY

**12/04/2016**

## CREWS

C-40 0800 (HC2I) GE FORESTRY 8C

## EQUIPMENT

E-37 (DOZ3) SCHOLL FIRE

## OVERHEAD

O-61 (TFLD) PITTS, BRIAN  
O-11 (COMT) CLAAR, WILLIAM



**To: All Incident Personnel, Rock Mountain Fire**

As Southern Area Type II Incident Commander, I am committed to a policy of “zero tolerance” of inappropriate behavior during incident operations. Any form of harassment, discriminatory practices, or disrespectful behavior will not be tolerated. Known or reported acts will be dealt with appropriately.

I am particularly concerned about the perception that alcohol has a place in any of the Incident facilities. It is not appropriate to indulge in alcoholic beverages during any fire assignment.

The Teams from the Southern Region have a team expectation of “NO ALCOHOL” from the time of dispatch until the time of physical release from the Incident. Members of the Team voluntarily comply with this expectation; all incident personnel will be expected to do so also.

We endorse, support, and expect an attitude of mutual respect for all Incident personnel and the public we serve. We also, endorse the attitude and work ethic that places “Safety First, every time on every Incident.” We expect nothing less.

/s/ Steve Parrish  
Incident Commander  
Southern Area Gold Team



**Medical 9-Line Information**

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Location: \_\_\_\_\_

Line	Information	Notes:
1.	<p><b><u>Level of Severity:</u></b></p> <p><input type="checkbox"/> <b>RED</b> – (Airway obstruction, Difficulty Breathing. Major Blood Loss Cardiac chest pain, Crush Injury to the chest, Penetrated object, Open fracture, 2° or 3° burn more than 4 palm sizes)</p> <p><input type="checkbox"/> <b>YELLOW</b> – (Closed fracture, Significant trauma, Lacerations and bleeding not controlled by direct pressure, Not able to walk, 2° or 3° burn, no more than 1 or 2 palm sizes)</p> <p><input type="checkbox"/> <b>GREEN</b> – (Small area abrasions or lacerations, bleeding controlled By pressure, Minor sprain, general sickness)</p>	<p align="center"><b><u>Triage Page 48, IRPG-2010</u></b></p> <p align="center">Code 3 ALS Ambulance or Medivac, Helicopter Medical Radio traffic Priority</p> <p align="center"><b>Emergency radio traffic restricted to: On site Medic, DIV. SUP, or on scene IC</b></p> <p align="center">Ambulance or consider air transport if at a remote Location.</p> <p align="center"><b>Medical radio traffic may have priority as Above.</b></p> <p align="center">MEDICAL TRANSPORT via crew, ground support, field medic, or air if at a remote location.</p> <p align="center">Fire Radio traffic unchanged.</p>
2.	<p><b><u>Patient Assessment/ Injuries &amp; Treatment</u></b></p> <p>Patient #1 _____ _____ _____ _____</p> <p>Patient #2 _____ _____ _____ _____</p>	<p align="center"><b><u>Assessment Page 42, IRPG – 2010</u></b></p> <p align="center"><b><u>Treatment Page 41, 43-47</u></b></p> <ul style="list-style-type: none"> <li>• Level of Consciousness</li> <li>• Breathing Rate</li> <li>• Pulse Rate</li> <li>• Skin Condition – Pink or Pale, Warm or Cold</li> </ul> <p align="center"><b><u>Injury:</u></b></p> <p>Bleeding      Heat Fracture      Burns Head Injury    Bee Sting Eye</p> <p align="center">Sex and age of victim</p>
3.	<p><b><u>Patient Location</u></b></p> <p>_____</p> <p>Lat: _____ ° _____ ' , Long: _____ ° _____ ' _____</p>	<p>Camp ground, trail, road intersection, Drop Point, Staging Area, Division, Spike Camp, Line area or GPS</p>
4.	<p><b><u>Additional Equipment or Medic Needed:</u></b></p> <p>_____</p>	<p>Hoist, SKED, Backboard, Litter, Rope, Paramedic, Trauma Bag, O2, AED</p>
5.	<p><b><u>On Scene Medic and IC:</u></b></p> <p>_____</p>	<p>Crew medic, Field medic, wilderness First Aid provider</p> <p align="center">Who is the IC for this incident?</p>
6.	<p><b><u>Operational Channel:</u></b></p> <p>Command _____ Tactical _____</p> <p>EMS Helicopter Contact Air Guard – RX 168.625 TX 168.625 Tone 110.9</p>	<p>What frequency or channel will the Incident Be run on?</p>
7.	<p><b><u>LZ Location / GPS/staging area for EMS</u></b></p> <p>Lat: _____ ° _____ ' , Long: _____ ° _____ ' _____</p> <p>Ground Contact: _____</p>	<p align="center"><b><u>LZ Area Selection Page 57, IRPG – 2010</u></b></p> <p>Set GPS on WGS -84</p> <p>Use Degrees, Minutes, and Tenths of Minutes (Lat 00° 00.00 – Long 000° 00.000)</p>
8.	<p><b><u>LZ Special Hazards</u></b></p> <p>_____</p>	<p>Trees, power lines, wind direction, slope</p>
9.	<p><b><u>Patient Affiliation</u></b></p> <p>_____</p>	<p>Agency, Contractor, Military</p>