

NANTHALA and TUSQUITEE BRANCH INCIDENT ACTION PLAN

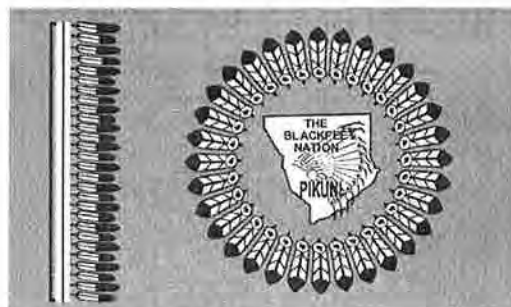
5-Day Plan

December 3-7, 2016

Day Operation Period: 0800-2000hrs



In Loving Memory of Darryl Vielle




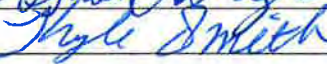
CHEOAH, TUSQUITEE AND NANTAHALA FIRES

Fire	PCODE	Incident #	Acres	Containment (%)
Boardtree	P8KTD617 (0811)	NC-NCF-160322	0.5	100
Boteler	P8KSX017 (0811)	NC-NCF-160247	9036	85
Buck Creek	P8KS6K17 (0811)	NC-NCF-160305	6	100
Bullpen	P8KTOJ17 (0811)	NC-NCF-160352	6	100
Camp Branch	P8KT6217 (0811)	NC-NCF-160378	3422	75
Cathey Gap	P8KT1L17 (0811)	NC-NCF-160354	123	100
Charley Creek	P8KTD717 (0811)	NC-NCF-160323	6	100
Cliffside	P8KS4X17 (0811)	NC-NCF-160278	110	100
Dick's Creek	P8KSN417 (0811)	NC-NCF-160242	729	99
Falls	P8KSOY17 (0811)	NC-NCF-160249	NA	100
Grape Cove	P8KS0Z17 (0811)	NC-NCF-160252	11	100
Howard Gap	P8KTW917 (0811)	NC-NCF-160348	0.2	100
Jarrett Knob	P8KS4W17 (0811)	NC-NCF-160277	NA	100
Jones Creek	P8KT3G17 (0811)	NC-NCF-160363	1	100
Jones Gap	P8KS1F17 (0811)	NC-NCF-160257	8	100
Knob	P8KS4V17 (0811)	NC-NCF-160275	1130	100
Maple Springs	P8KS6P17 (0811)	NC-NCF-160295	7788	78
May Branch	P8KS5Q17 (0811)	NC-NCF-160282	175	100
Moses Creek	P8KS1B17 (0811)	NC-NCF-160253	30	100
Moss Knob	P8KS5S17 (0811)	NC-NCF-160281	7	100
Mulberry	P8KS6K17 (0811)	NC-NCF-160289	1	100
Muskrat	PNKTL217 (1502)	NC-NCS-160336	104	100
Nick	P8KT5917 (0811)	NC-NCF-160374	0.2	100
Old Roughy	P8KTA617 (0811)	NC-NCF-160319	657	99
Ridge Gap	P8KTJ217 (0811)	NC-NCF-160330	1	100
Tellico	P8KS5P17 (0811)	NC-NCF-160280	13874	95
White Water	P8KS7R17 (0811)	NC-NCF-160303	23	100
Wine Spring	P8KS4L17 (0811)	NC-NCF-160272	93	100




QR CODE FOR INCIDENT MAPS

INCIDENT OBJECTIVES (ICS 202)

1. Incident Name:		2. Operational Period: 5-DAY SHIFT	
NANTAHALA BRANCH		Date/Time From:	Date/Time To:
		12/3-7/2016 SATURDAY-WEDNESDAY	12/3-7/2016 SATURDAY-WEDNESDAY
3. Objectives:			
<p>All fires on the Nantahala National Forest will be managed utilizing point protection, direct/indirect fireline, and confine strategy based on values and principles of Life First.</p> <p>Management Objectives:</p> <ol style="list-style-type: none"> 1. Ensure all suppression actions are prioritized, emphasizing firefighter and public safety. Ensure strategies and tactics are commensurate with values at risk. 2. Protect community structures and infrastructure by establishing control lines and provide structure defense as needed. 3. Following Resource Advisor direction, plan and implement Suppression Damage Repair. 4. Protect infrastructure and cultural resource values, coordinating with designated Resource Advisor. Utilize minimum impact suppression tactics within designated Roadless and Wilderness Areas. 5. Foster, maintain and improve relationships with Local Government Officials, cooperators and stakeholders by providing information updates, social media, and provide public meetings as needed. 			
4. Operational Period Command Emphasis:			
For All Branches:			
<ol style="list-style-type: none"> 1. Provide for firefighter and public safety through incorporation of the Risk Management Process in all strategic and tactical decision making. Identify hazards and communicate mitigations before tactical engagement using IRPG checklists. 2. Maintain containment of all existing fires through regular monitoring and patrol utilizing ground and aviation resources. 3. Provide the Nantahala NF and North Carolina FS support in managing initial and extended attack fires in western North Carolina. 4. Following guidance provided by Resource Advisors, complete suppression damage repair on all incidents. 			
General Situational Awareness:			
<ol style="list-style-type: none"> 1. Utilize IRPG Checklists to identify, communicate, and manage risk to the firefighter and the public. 2. Incorporate Life First principles in daily activities. 3. Stop, Think, Talk before Acting. 			
5. Site Safety Plan Required? Yes [] No [X]			
Approved Site Safety Plan(s) Located at:			
6. Incident Action Plan (the items checked below are included in this Incident Action Plan):			
<input checked="" type="checkbox"/> ICS 202 <input checked="" type="checkbox"/> ICS 203 <input checked="" type="checkbox"/> ICS 204 <input checked="" type="checkbox"/> ICS 205 <input type="checkbox"/> ICS 205A <input checked="" type="checkbox"/> ICS 206	<input type="checkbox"/> ICS 207 <input type="checkbox"/> ICS 208 <input type="checkbox"/> ICS 220 <input checked="" type="checkbox"/> Map/Chart <input checked="" type="checkbox"/> Weather Forecast	Other Attachments: <input checked="" type="checkbox"/> <u>Fire Behavior Forecast</u> <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input checked="" type="checkbox"/> <u>TOT/UT Strategy</u> <input checked="" type="checkbox"/> <u>Suppression Repair Guidelines</u>	
7. Prepared by: /s/ BRIAN ELDREDGE	Position/Title: PSCI	Signature: 	
8. Approved by Incident Commander:	Name: KYLE SMITH	Signature: 	
ICS 202	IAP PAGE:	Date/Time: 12/2/2016 1900	

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name: NANTALA / TUSQUITEE		2. Operational Period: Date From: 12/3/16 Date To: 12/7/16 Time From: 0800 Time To: 2000	
3. Incident Commander(s)/ Agency Incident Coordinator and Command Staff: (include location)		7. Operations Section:	
IC/UCs	KYLE SMITH (T) (12/3)	Chief	
		Deputy	
Safety Officer	ROBERT SHOEMAKER (12/11)	Staging Area	
		Branch	TUSQUITEE
Liaison Officer	WOODY LIPPS (12/10)	ICT 3	CHRIS ORR (12/15)
Liaison Officer	JEFF OWENBY (T) (12/6)	Deputy	
4. Agency/Organization Representatives:		Division/Group	
Agency/Organization	Name	Division/Group	
NANTAHALA RD	MIKE WILKINS	Division/Group	
TUSQUITEE/CHEOAH RD	DONN CHRISTIANSEN	Division/Group	
NCFS	BJ KEENER	Division/Group	
NCFS	T. HOWELL	Branch	NANTAHALA
NCFS	M. CHEEKS	OSC2	EVERETT PHILLIPS (12/11)
		Deputy	
5. Planning Section:		Division/Group	RANDY CHAPPELL (12/9)
Chief		Division/Group	RYAN HASSEY (12/9)
Deputy		Division/Group	BRENTWOOD REID (12/6)
Resources Unit		Division/Group	
Situation Unit	TONY PISCOPO (12/7)	Division/Group	
Documentation Unit		Branch	
Demobilization Unit	MARIAN KADOTA (12/7)	Branch Director	
Technical Specialists		Deputy	
GIS SPECIALIST	ANDY KIRSCH (12/15)	Division/Group	
GIS SPECIALIST	JOHN MOSLEY (12/15)	Division/Group	
		Division/Group	
6. Logistics Section:		Division/Group	
Deputy	SALLY BROWNING (12/3)	Division/Group	
Deputy	TIM SOUTHARDS (T) (12/3)		
Facilities Unit	LEWIE BROSTROM (12/3)		
Security	CODY MURPHY (12/11)	8. Finance/Administration Section:	
Security	JOSH GIBBS (12/10)	Chief	KAREN PATTERSON (12/10)
Service Branch		Deputy	
Director		Time Unit	ANNA BRYANT (12/10)
Communications Unit	FRANK TAYLOR (12/9)	Procurement Unit	SHERRIE HELMICK (12/10)
Medical Unit		Comp/Claims Unit	
Food Unit		Cost Unit	
9. Prepared by: Name: JAY LORD _____ Position/Title: RESL _____ Signature: 			
ICS 203	IAP Page _____	Date/Time: 12/2/16	

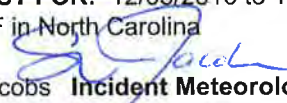
FINAL



Boteler, Maple Springs, Knob, Tellico and Nantahala Branch Fire Weather Forecast



FORECAST NO: 29
PREDICTION FOR: Boteler, Maple Springs and Nantahala Branch Fires
TIME AND DATE
FORECAST ISSUED: 1800 12/02/2016

FORECAST FOR: 12/03/2016 to 12/07/16
UNIT: NF in North Carolina
SIGNED: 
 Shawn Jacobs **Incident Meteorologist**

FORECAST FOR SATURDAY (12/3/2016):

Weather: Increasing clouds in the afternoon.
Max Temperature: Valley Bottom 51 - 55 Ridgetop 42 - 46
Min Humidity: Valley Bottom 30 - 35% Ridgetop 27 - 32%
20 ft Winds:
 Slopes/Valleys: Northwest 5 - 7 mph
 Ridges: Northwest 7 - 10 g15 mph
Transport Winds: Northwest 15 - 20 mph
Mixing Height: 3500 ft msl
Inversion Burnoff: N/A **Chance of wetting rain:** 0%

TONIGHT:

Weather: Mostly cloudy. A 20% chance of rain showers after 2100.
Min Temperature: 34 - 38
Max Humidity: Valley Bottom >80% Ridgetop >80%
20 ft Winds:
 Slopes/Valleys: Down slope/Down Valley 2 - 5 mph
 Ridges: South 7 - 10 mph
Transport Winds: South Southwest 10 - 15 mph
Inversion 2000 ft

FORECAST DISCUSSION FOR SUNDAY 12/4/16 TO WEDNESDAY 12/7/16:

Southwest flow aloft in advance of the next weather system will push deep atmospheric moisture across the region. Near daily chances of rain showers are forecast Sunday through Tuesday. Wetting rains are likely with total rainfall accumulations of an inch or more expected. Beyond Tuesday, dry and cool conditions return to the region.

EXTENDED PLANNING FORECAST (for planning purposes only, please request a SPOT FORECAST):

	SUNDAY 12/4/16	MONDAY 12/5/16	TUESDAY 12/6/16	WEDNESDAY 12/7/16
WEATHER	Mostly Cloudy. A 70% chance of Rain.	Cloudy. A 70% chance of Rain.	Cloudy. A 60% chance of Rain.	Partly Cloudy. A 20% chance of Rain.
MAX TEMPERATURE	41 - 47	46 - 53	49 - 56	49 - 57
MINIMUM HUMIDITY	>70%	>70%	>60%	45-55%
20 FT WINDS	SSE 6-9 mph	S 6-9 mph	SW-W 10-15 mph	WNW 6-9 mph
20 FT WINDS RIDGES	S 10-15 g20 mph	SW 9-14 g18 mph	SW-W 12-18 g25 mph	WNW 9-12 g15 mph
TRANSPORT WINDS	SW 25-30 mph	SW 10-15 mph	SW-W 25-30 mph	WNW 12-15 mph
CWR	60%	60%	50%	5%

NWS Spot Forecast webpage:

www.weather.gov/spot

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: # 31	TYPE OF FIRE: Wildland
FIRE NAME: Boteler Fire and Nantahala Branch	OPERATIONAL PERIOD: 12/03-12/07/2016
DATE ISSUED: 12/02/2016	TIME ISSUED: 2000 <i>Ben Rowland</i>
UNIT: NF in NC	SIGNED: Ben Rowland FBAN 870-490-0128

FUEL ASSUMPTIONS:

Moderate Load Broadleaf Litter (TL6): Primary carrier of fire is hardwood litter and dead/down woody fuel loading. Recently fallen hardwood leaf litter typically forms a fluffy bed of continuous fine fuels that dries rapidly and can be dispersed by moderate surface winds often contributing to fire spotting in front of the main fire and creating control problems on prepared fire breaks. Recent moisture has increased the ground and fuel moisture and help with compaction of the newly fallen leaves in the area. With the sun angle fuel moistures are expected to stay high on the north slopes unless there's an extended period without rain.

Medium Load Humid Climate Timber-Shrub (TU2): Primary carrier of fire is moderate hardwood litter loading with mixed scrub and dead and down woody fuels.

The predicted fuel moisture "Saturday"

"Calculated using weather parameters" 1hr fuel 11%, 10hr fuel 13%, 100hr fuel 15%, 1000hr fuel 20%

The predicted fuel moisture "Sunday - Wednesday"

"Calculated using weather parameters after rain" 1hr fuel 13%, 10hr fuel 15%, 100hr fuel 17%, 1000hr fuel 20%

ERC: 90 percentile is 28 and 97 percentile is 33. (Below the 90th percentile for the time period)

BI: 90 percentile is 29 and 97 percentile is 34. (Below the 90th percentile for the time period)

WEATHER SUMMARY

WEATHER: Saturday increasing clouds, Sunday thru Wednesday cloudy with periods of rain

TEMPERATURES: Valley bottoms - lower 50's Ridgetops mid to upper 40's

HUMIDITY: Saturday Valley bottoms 35% Ridgetops 30% "Sunday - Wednesday above 60%

20 FT WINDS: RIDGETOP - "Saturday-Northwest 7-15 mph with Gust 18 mph", "Sunday-South 10-15 Gust 20mp", "Monday-SW 10 to 15 Gust 20mph", "Tuesday-SW to West 12 to 18 Gust 25mph", "Wednesday-West 10 to 12 Gust 15mph"

SLOPE/VALLEY - Same wind direction as Ridgetops with wind speeds near half the amount

General Fire Behavior Forecast:

Moisture, higher humidity and higher fine dead fuel moisture has moderated fire behavior. Smoldering and creeping may be encountered although we will be below the threshold to increase fire behavior during this time frame.

Local Thresholds - Watch Out Conditions - Factors that can greatly increase fire behavior :

20' wind speed > 15mph, **Temp >60°**, RH <25%, **Burn Index over 30**

Specific:

Branch I, II, III, IV - (Boteler Fire, Maple Springs and Tellico) - With higher fuel moisture any re-burning is unlikely.

Camp Creek-

DIV A/Z- Isolated smoldering in the duff and heavy fuels will continue in areas that didn't receive significant rain.

IA -The BI levels will be below the 90th percentile. Saturday creeping to moderate Fire Behavior can be expected on south slopes where fine fuels are located in direct sunlight combined with slope and wind. Minimal Fire Behavior expected if the area receives additional moisture Sunday - Wednesday.

PREDICTIONS FOR MOST ACTIVE TIME OF PEAK BURNING PERIOD USING WEATHER FROM INCIDENT IMET

*Timber (TL6)	FL of 1 ft and ROS of 1-3 ch/hr
Timber understory (TU2) moderate loading	FL of 1-2 ft and ROS of 1-3 ch/hr
Spotting	0 miles
Firebrand Ignition	(Saturday 23% unshaded) (Sun-Wed 15% Shaded "cloudy")

***Most continuous fuel type for all fires.**

AIR OPERATIONS: Clouds increasing Saturday, low clouds could reduce visibility for aircraft thru the time period.

FIRE BEHAVIOR SAFETY: Pay close attention for falling snags due to fire weakened timber in damp soils. **Watch for rolling rocks/debris when working around equipment.**



Safety Message

Nantahala and Tusquitee Branch

December 3 - 7, 2016

The door to Safety swings on the hinges of common sense



Roadside Safety

- Post Warning Lights ahead of your roadside operation
- Stay as far off the road as possible
- Don't assume passing drivers will give you room
- Be considerate of public using the road



Chainsaw Operation

- Follow "Hazard Tree Safety" guidelines, IRPG page 22
- Look up, Look down, Look around for hazard tree indicators
- Only fell and buck trees within your expertise, and training
- Follow "Procedural Felling Operations" on page 79 in IRPG
- Do not fall trees during high wind events
- Ensure proper use of all required PPE



Driving

- Drive with lights on; it improves visibility.
- Ensure vehicle is in good repair, brakes, lights, etc.
- Keep windshield clean
- Reduce speed, think ahead and be courteous
- Secure your loads
- Ensure that all passengers are using seat belts
- If wet conditions develop, roads may be slick
- Don't text and drive



Keep Focused On Safety

- Begin the shift with a safety briefing
- Go slow and carefully, to go fast
- Follow your safety training
- If it doesn't feel safe, it probably isn't



MEDICAL PLAN (ICS 206 WF)

Specific Instructions:

1. Incident/Project Name				2. Operational Period										
Nantahala Branch Fire				Date/Time 12/03/16 0800-2000										
4. Ambulance Services														
Name		Phone		Base and fight time										
Mountain		911 or 828-213-0900		Asheville, NC										
Lifestar		911		Chattanooga, TN										
5. Hospitals/Clinics														
Name/Complete Address		GPS Datum – WGS 84 Degrees Decimal MinuM.MMM' N - Lat DD° MM.MMM' W - Long		Travel Time Air Gnd		Phone		Helipad Yes No		Level of Care Facility				
Wake Forest Uni. Baptist MC 1 Medical Center Blvd. Winston-Salem, NC		Lat: 36° 05.38' N		45 mins 4 hrs		336-716-2011		<input checked="" type="checkbox"/>		Level I Trauma Facility Burn Center				
		Long: 080° 16.27' W												
		Times: Boteler ICP												
Mission Hospital 509 Biltmore Ave Asheville, NC		Lat: 35° 34.53' N		30 mins 2.5 hrs		828-213-1948		<input checked="" type="checkbox"/>		Level II Facility				
		Long: 082° 32.49' W												
		Times: Boteler ICP												
Angel Medical Center 120 Riverview Street Franklin, NC		Lat: 35° 11.08' N		10 mins 20 mins		828-524-8411		<input checked="" type="checkbox"/>		Community Hospital				
		Long: 083° 22.74' W												
		Times: Franklin ICP												
Murphy Medical Center 3990 E. Hwy 64 Alt Murphy, NC		Lat: 35° 23.12' N		15 mins 25 mins		828-837-8161		<input checked="" type="checkbox"/>		Community Hospital				
		Long: 083° 12.16' W												
		Times: Boteler ICP												
6. Division Branch Group			Area Location Capability											
Fire Support			EMS Responders:						Cody Clark EMTF O-161 Dan Williams EMPF O-171 Kelland Wolf EMPF O-122 REM Team - Graham Miller (Lead) O-201.1 Sherri McDougal AMTF O-172 Penelope McDonagh EMPF O-24 Lauren Price EMTF O-150 Todd Wemmer EMTF O-160 Lisa Poncelet EMPF O-177					
7. Prepared By (Medical Unit Leader)				8. Date/Time		9. Reviewed By (Safety Officer)				10. Date/Time				
/s/ Shanna Ellis, MEDL 318-229-6515 Jolson Peterson, MEDL(t) 423-341-8925				12/02/2016		/s/ Pat Sheridan SOF1				12/02/2016				

Once any injury/illness has occurred:

- Report all injuries/illnesses to Division Supervisors (or designees) who will assume command and notify any assigned DIVS Medical Personnel and DIVS Safety Officer.
- DIVS will notify their assigned ICP Communications. **DO NOT USE THE INJURED PERSON'S NAME ON THE RADIO.**
- ICP Communications will notify MEDL and Incident Safety Officer to assist with the coordination of further medical care and mode of transportation.
- Any on-Scene medical personnel will stabilize patient.
- Ambulance and/or air resources will be coordinated through ICP Communications, MEDL, and SOFI. ICP:
- Contact Medical Unit with patient complaint/condition and location.

ASSIGNED MEDICAL PERSONNEL - CHECK IN WITH COMMUNICATIONS ON ARRIVAL TO LINE AND WHEN MOVED BY DIVS OR SAFETY. SPECIFY IF STAGING IN PLACE OR ROVING SECTIONS.

Request that FFTR/Engine Crews or Single Resources let DIVS know if they have any EMTS or Paramedics and if they have equipment with them.

MEDICAL PLAN (ICS 206 WF)

Use items one through nine to communicate situation to communications/dispatch.

1. CONTACT COMMUNICATIONS/DISPATCH

Ex: "Communications, Div. Alpha. Stand-by for Priority Medical Incident Report." (If life threatening request designated frequency be cleared for emergency traffic.)

2. INCIDENT STATUS: Provide incident summary and command structure.

Nature of Injury/Illness		<i>Describe the injury (Ex: Broken leg with bleeding)</i>
Incident Name		<i>Geographic Name + "Medical" (Ex: Trout Meadow Medical)</i>
Incident Commander		<i>Name of IC</i>
Patient Care		<i>Name of Care Provider (Ex: EMT Smith)</i>

3. INITIAL PATIENT ASSESSMENT: Complete this section for each patient. This is only a brief, initial assessment. Provide additional patient info after completing this 9 Line Report.

Number of Patients:	Male / Female	Age:	Weight:
Conscious? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVAC!			
Breathing? <input type="checkbox"/> YES <input type="checkbox"/> NO = MEDEVAC!			
Mechanism of Injury: <i>What caused the injury?</i>			
Lat/Long (Datum WGS84) Ex: N 40° 42.45' x W 123° 03.24'			

4. SEVERITY OF EMERGENCY, TRANSPORT PRIORITY

SEVERITY	TRANSPORT PRIORITY
<input type="checkbox"/> URGENT-RED Life threatening injury or illness. <i>Ex: Unconscious, difficulty breathing, bleeding severely, 2° – 3° burns more than 4 palm sizes, heat stroke, disoriented.</i>	Ambulance or MEDEVAC helicopter. Evacuation need is IMMEDIATE.
<input type="checkbox"/> PRIORITY-YELLOW Serious Injury or illness. <i>Ex: Significant trauma, not able to walk, 2° – 3° burns not more than 1-2 palm sizes.</i>	Ambulance or consider air transport if at remote location. Evacuation may be DELAYED.
<input type="checkbox"/> ROUTINE-GREEN Not a life threatening injury or illness. <i>Ex: Sprains, strains, minor heat-related illness.</i>	Non-Emergency. Evacuation considered Routine of Convenience.

5. TRANSPORT PLAN:

Air Transport: (Agency Aircraft Preferred)

<input type="checkbox"/> Helispot	<input type="checkbox"/> Short-haul/Hoist	<input type="checkbox"/> Life Flight	<input type="checkbox"/> Other
Ground Transport:			
<input type="checkbox"/> Self-Extract	<input type="checkbox"/> Carry-Out	<input type="checkbox"/> Ambulance	<input type="checkbox"/> Other

6. ADDITIONAL RESOURCE/EQUIPMENT NEEDS:

<input type="checkbox"/> Paramedic/EMT(s)	<input type="checkbox"/> Crew(s)	<input type="checkbox"/> SKED/Backboard/C-Collar
<input type="checkbox"/> Burn Sheet(s)	<input type="checkbox"/> Oxygen	<input type="checkbox"/> Trauma Bag
<input type="checkbox"/> Medication(s)	<input type="checkbox"/> IV/Fluid(s)	<input type="checkbox"/> Cardiac Monitor/AED
<input type="checkbox"/> Other (i.e. splints, rope rescue, wheeled litter)		

7. COMMUNICATIONS:

See Appropriate Channel on Comm. Plan-205

*(NAC for digital radio system)

8. EVACUATION LOCATION:

Lat/Long (Datum WGS84) EX: N 40 42.45' x W 123 03.24'	
Patient's ETA to Evacuation Location:	
Helispot/Extraction Size and Hazards:	

9. CONTINGENCY:

DIVISION/GROUP ASSIGNMENT LIST (ICS 204 WF)

1. Incident Name				3.			
NANTAHALA / TUSQUITEE				Branch		Division	
2. Operational Period				NANTAHALA			
DAY SHIFTS							
Date/Time From:		Date/Time To:					
12/4/16 0800 (Sunday)		12/8/16 2000 (Thursday)					
4. Operations Personnel							
Operations Chief		EVERETT PHILLIPS (12/11)		Division/Group Supervisor		R. HUSSEY (12/9), R. CHAPPELL (12/9), B. REID (12/6)	
Branch Director				Air Attack Supervisor			
5. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		EMT	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
O-218 SOF2			12/9	BOB SHOEMAKER	1	0800	2000
O-197 TFLD			12/10	TIMOTHY DELPH	1	0800	2000
O-378 TFLD (T)			12/6	SETH LARSON	1	0800	2000
O-421 HEQB			12/10	DARIN SMTH	1	0800	2000
O-200 HEQB			12/10	SCOTT BODLE	1	0800	2000
E-122 EXCA 3			12/12	BRUCE ELLIOT	1	0800	2000
E-120 EXCA			12/12	GRAHAM LAND CO.	2	0800	2000
E-121 EXCA			12/12	TIM'S HAULING	2	0800	2000
O-3 HC1 MODULE - LAKEVIEW BLM #2			12/7	CHARLES HESCOCK	10	0800	2000
O-155 FOBS			12/4	MICHAEL HUTCHINS	1	0800	2000
O-156 FOBS			12/11	LEE HELGESON	1	0800	2000
O-409 FOBS (T)			12/8	MICHAEL HENDERSON	1	0800	2000
6. Control Operations/Work Assignments:"							
Follow READ guidance in completing suppression damage repair to standard.							
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	see 205						
Tactical Div/Group	3	169.1250N	NONE	169.1250N	NONE	A	
Logistics	5	166.8500N	NONE	166.8500N	NONE	A	
Air to Ground	16	168.6250N	NONE	168.6250N	110.9	A	
9. Prepared by (Resource Unit Leader)				Approved by (Planning Section Chief)		Date	Time

DIVISION/GROUP ASSIGNMENT LIST (ICS 204 WF)

1. Incident Name			3.			
NANTAHALA / TUSQUITEE			Branch	Division TUSQUITEE		
2. Operational Period						
DAY SHIFTS						
Date/Time From: 12/4/16 0800 (Saturday)		Date/Time To: 12/8/16 2000 (Thursday)				
4. Operations Personnel						
Operations Chief		ICT 3 - CHRIS ORR (12/15)		Division/Group Supervisor		
Branch Director				Air Attack Supervisor		
5. Resources Assigned this Period						
Strike Team/Task Force/ Resource Designator	EMT	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time
O-194 TFLD		12/9	LEO ENGLESON	1	0800	2000
O-70 HEQB		12/12	CHAD TUSS	1	0800	2000
E-305 EXCA GRAHAM COUNTRY LAND CO.		12/11	RON MOFFETT	2	0800	2000
O-195 HEQB		12/9	JERRY MESSINGER	1	0800	2000
E-255 EXCAV. TRACK HOE, ANDERSON AND SON		12/10	DAVID ANDERSON	3	0800	2000
6. Control Operations/Work Assignments:" Follow READ guidance in completing suppression damage repair to standard.						
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	see 205					
Tactical Div/Group	3	169.1250N	NONE	169.1250N	NONE	A
Logistics	5	166.8500N	NONE	166.8500N	NONE	A
Air to Ground	16	168.6250N	NONE	168.6250N	110.9	A
9. Prepared by (Resource Unit Leader)			Approved by (Planning Section Chief)		Date	Time

AIR OPERATIONS SUMMARY(ICS-220)

1. Incident Name: Boteler, Nantahala & Maple Springs Fires

2. Operational Period:
Date 12/3-8/16
Time From: 0900
Time To: 1930

Franklin-Sunrise
NA
Murphy-Sunrise
NA

Franklin-Sunset
NA
Murphy-Sunset
NA

4. Remarks (safety notes, hazards, air operations special equipment etc)

ALL AIRCRAFT, AVIATION FREQUENCIES, AND AVIATION PERSONNEL ARE DEMOBBED FROM THE BOTELER/NANTAHALA/TELLICO/MAPLE SPRINGS INCIDENT. BRASSTOWN AND ANDREWS/MURPHY HELIBASES ARE CLOSED OUT.
NATIONAL FORESTS IN NORTH CAROLINA IA AIRCRAFT COVERING THE BOTELER AREAS ARE BASED AT MACON COUNTY AIRPORT, FRANKLIN, NC.
NFS IN NC WILL ASSUME LAUNCH RESPONSIBILITY FOR THE NC-HART HOIST AIRCRAFT.
CONTACT ASHEVILLE DISPATCH 828-257-4264.

REFER TO DAILY STATEWIDE AIR OPERATIONS SUMMARY
PREPARED AND DISTRIBUTED BY TY MILLER

AIRCRAFT, PERSONNEL AND FREQUENCIES LISTED ON THIS ICS-220 ARE NATIONAL FORESTS IN NC INITIAL ATTACK RESOURCES.
CONTACT AVIATION COORDINATOR OR HELIBASE MANAGER AT MACON COUNTY AIRPORT FOR AVAILABILITY. CONTACT INFORMATION LISTED BELOW.
ORDER AIRCRAFT THROUGH ASHEVILLE DISPATCH 828-257-4264.

5. Ready Alert Aircraft: NCANG-HART, Hoist; Macon County Airport. SEE LATEST PROTOCOL DISTRIBUTED BY AVIATION COORDINATOR (Ty Miller).

6. Temporary Flight Restriction :
ALL BOTELER/NANTAHALA/TELLICO/MAPLE SPRINGS FIRE TEMPORARY FLIGHT RESTRICTIONS HAVE BEEN CANCELLED.

8. Frequencies

	AM	FM
AIR TO AIR PRIMARY	122.925	
AIR TO AIR SECONDARY	122.850	
AIR TO GROUND 13		167.425
AIR TO GROUND 7		166.850
AIR TO GROUND 54		168.5975
		168.650
National Flight Following		TN TX 110.9
Air Guard		TN TX 110.9

9. Fixed Wing (category/kind/type, make/model, N#,base)
NONE

7. Personnel

Aviation Support	Name:	Phone Number:
	Ty Miller	907-460-7530
	Keith Haskins	319-541-4162

10. Helicopters:

FAA N#	MK/MOD	Type	Base	Remarks	FAA N#	MK/MOD	Type	Base	Remarks
HT-780	CH-54	1	1A5	Tanked	N203HA	B-407	3	1A5	Recon/Bucket
N526MW	Knax	1	1A5	Bucket					


11. Prepared By: George Martin

Position/Title: AOB

Date and Time: 12/2/16; 1800

Signature: George G. Martin

INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

1. Incident Name:		2. Date/Time Prepared:		3. Operational Period: DAY						
NANTAHALA		Date: 12/02/2016 Time: 1300		Date/Time From: 12/03/2016 0800 Date/Time To: 12/07/2016 2000						
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
NAN EAST	1	COMMAND	ZONE 1 C		171.4750N	103.5	171.4750N	103.5	A	
NAN EAST	2	TACTICAL	R8 FIRE		166.5625N		166.5625N		A	
NAN EAST	3	TACTICAL	US TAC 2	ALL DIVISIONS	169.1250N		169.1250N		A	
NAN EAST	4	AIR TO GROUND	A/G 13		167.4250N		167.4250N		A	
NAN EAST	5	AIR TO GROUND	A/G 7		166.8500N		166.8500N		A	Primary Air to Ground
NAN EAST	6	AIR TO GROUND	A/G 54		168.5375N		168.5375N		A	
NAN EAST	7	TACTICAL	D9 TAC 1		151.2800N	131.8	151.2800N	131.8	A	STATE TAC
NAN EAST	8	TACTICAL	D9 TAC 2		159.3750N	131.8	159.3750N	131.8	A	STATE TAC
NAN EAST	9	TACTICAL	D9 TAC 3		151.4600N	131.8	151.4600N	131.8	A	STATE TAC
NAN EAST	10	COMMAND	D9 COWEE		151.1750N		159.4200N	114.8	A	STATE COORDINATION
NAN EAST	11	COMMAND	D9 TOXAWAY		151.1750N		159.4650N	103.5	A	STATE COORDINATION
NAN EAST	12	COMMAND	COWEE		171.4750N	103.5	168.1250N	110.9	A	FOREST REPEATER
NAN EAST	13	COMMAND	TOXAWAY		171.4750N	103.5	168.1250N	146.2	A	FOREST REPEATER
NAN EAST	14	COMMAND	ROUND MOUNTAIN		171.4750N	103.5	168.1250N	192.8	A	FOREST REPEATER
NAN EAST	15	COMMAND	SCALY		171.4750N	103.5	168.1250N	103.5	A	FOREST REPEATER
NAN EAST	16	AIR GUARD	AIR GUARD	EMERGENCY	168.6250N		168.6250N	110.9	A	EMERGENCY AIRCRAFT CONTACT
5. Special Instructions:										
6. Prepared By (Communications Unit Leader)				Name: JEFF KEENER COML						
Signature: 				Date/Time: 12/02/2016 1300						
ICS 205				IAP Page						

INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

1. Incident Name:		2. Date/Time Prepared:		3. Operational Period:		Date/Time To:	
NANTAHALA		Date:	12/02/2016	Date/Time From:	12/03/2016 0800	SAT	12/07/2016 2000
		Time:	1300				WED


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
NAN WEST	1	COMMAND	ZONE 1 C		171.4750N	103.5	171.4750N	103.5	A	
NAN WEST	2	TACTICAL	R8 FIRE		166.5625N		166.5625N		A	
NAN WEST	3	TACTICAL	US TAC 2	ALL DIVISIONS	169.1250N		169.1250N		A	
NAN WEST	4	AIR TO GROUND	A/G 13		167.4250N		167.4250N		A	
NAN WEST	5	AIR TO GROUND	A/G 7		166.8500N		166.8500N		A	Primary Air to Ground
NAN WEST	6	AIR TO GROUND	A/G 54		168.5375N		168.5375N		A	
NAN WEST	7	TACTICAL	D9 TAC 1		151.2800N	131.8	151.2800N	131.8	A	STATE TAC
NAN WEST	8	TACTICAL	D9 TAC 2		159.3750N	131.8	159.3750N	131.8	A	STATE TAC
NAN WEST	9	TACTICAL	D9 TAC 3		151.4600N	131.8	151.4600N	131.8	A	STATE TAC
NAN WEST	10	COMMAND	D9 COWEE		151.1750N		159.2400N	114.8	A	STATE COORDINATION
NAN WEST	11	COMMAND	CHUNCKY GAL		171.4750N	103.5	168.12500N	114.8	A	FOREST REPEATER
NAN WEST	12	COMMAND	COWEE		171.4750N	103.5	168.1250N	110.9	A	FOREST REPEATER
NAN WEST	13	COMMAND	WINE SPRINGS		171.4750N	103.5	168.1250N	131.8	A	FOREST REPEATER
NAN WEST	14	COMMAND	SCALY		171.4750N	103.5	168.1250N	103.5	A	FOREST REPEATER
NAN WEST	15	COMMAND	JOANNA		171.4750N	103.5	168.1250N	136.5	A	FOREST REPEATER
NAN WEST	16	AIR GUARD	AIR GUARD	EMERGENCY	168.6250N		168.6250N	110.9	A	EMERGENCY AIRCRAFT CONTACT

5. Special Instructions:	

6. Prepared By	
(Communications Unit Leader)	Name: JEFF KEENER COML
Signature:	Date/Time: 12/02/2016 1300

ICS 205	
IAP Page	FINAL

INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

1. Incident Name:		2. Date/Time Prepared:		3. Operational Period: DAY							
NANTAHALA		Date: 12/02/2016 Time: 1500	Date/Time From: 12/03/2016 0800	SAT	Date/Time To: 12/07/2016 2000	WED					
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	
TUSQUITT EE	1	COMMAND	ZONE 1 C		171.4750N	103.5	171.4750N	103.5	A	COMMAND CAR TO CAR	
TUSQUITT EE	2	TACTICAL	D9 TAC 3		151.4600N	131.8	151.4600N	131.8	A	STATE TACTICAL	
TUSQUITT EE	3	TACTICAL	R8 FIRE		166.5625N		166.5625N		A		
TUSQUITT EE	4	TACTICAL	US TAC 2		169.1250N		169.1250N		A		
TUSQUITT EE	5	COMMAND	PANTHER		171.4750N	103.5	168.1250N	167.9	A	FOREST REPEATER	
TUSQUITT EE	6	COMMAND	JOANNA		171.4750N	103.5	168.1250N	136.5	A	FOREST REPEATER	
TUSQUITT EE	7	COMMAND	CHNUCKY GAL		171.4750N	103.5	168.1250N	114.8	A	FOREST REPEATER	
TUSQUITT EE	8	COMMAND	WAUCHEESI		171.4750N	103.5	168.1250N	156.7	A	FOREST REPEATER	
TUSQUITT EE	9	COMMAND	D9 BRASSTOWN		151.1750N	88.5	159.4350N	136.5	A	STATE COORDINATION	
TUSQUITT EE	10	COMMAND	D9 PAYNE		151.1750N	88.5	159.4350N	218.1	A	STATE COORDINATION	
TUSQUITT EE	11	COMMAND	CHEROKEE CO		154.9950N	156.7	153.8150N	D411	A	COUNTY COORDINATION	
TUSQUITT EE	12	COMMAND	VALLEY TOWN		154.4450N	77.0	153.7700N	D125	A	COUNTY COORDINATION	
TUSQUITT EE	13	TACTICAL	CHER CO TAC		155.8650N	77.0	156.5500N	D114	A	COUNTY COORDINATION	
TUSQUITT EE	14	AIR TO GROUND	A/G 7		166.8500N		166.8500N		A	PRIMARY AIR TO GROUND	
TUSQUITT EE	15	AIR TO GROUND	A/G 13		167.4250N		167.4250N		A		
TUSQUITT EE	16	AIR GUARD	AIR GUARD		168.6250N		168.6250N	110.9	A	EMERGENCY AIRCRAFT CONTACT	
5. Special Instructions:											
6. Prepared By				Name: JEFF KEENER		Signature: 		Date/Time: 12/02/2016 1500			
ICS 205				IAP Page							

Nantahala and Tusquittee Branch				Date: 12/3/2016
Incident Command			Operations	
ICT3-Kyle Smith	540-855-0233		OSC2-Everett Phillips	928-719-1595
ICT3-Chris Orr	530-640-1464		DIVS-Brentwood Reid	907-299-4728
Safety			DIVS-Randy Chappell	970-596-6343
SOFR-Bob Shoemaker	208-859-7701		DIVS-Ryan Hussey	541-408-2309
Information				
Liaison Officer				
Agency Representative			Air Operations	
Mike Wilkins, DR	828-421-5026			
Greg Brooks, DFMO	828-421-5025			
Brian Browning, ADFMO	828-200-0102			
			Finance	
			Chief-Karen Patterson	919-810-7727
			TIME	828-349-5812
Planning			PROC	540-460-0532
DemobCheck-in/Resources	828-349-5808			
Situation	828-349-5836			
GIS	828-349-5837			
Logistics			READ	
Chief- Sally Browning	404-805-5063		Brady Dodd	828-620-3176
Chief (t)Tim Southard	828-371-7966		Andrew Triplett	601-209-4614
FACL-Lewis Bronston	763-226-8078			
Communications-Frank Taylor	828-327-7998		BAER TEAM	
RADO-Paul Bartiromo	805-377-1466		Lead-Rob Tanner	503-812-3221
SEC1-Jonathan Cody Murphy	414-731-1513		Safety-Ben Rupert	775-291-7874
SEC1-Josh Gibbs	575-718-9695			

Strategy and Tactics in and Around Trail of Tears Unicoi Turnpike (TOT/UT) –

Suppression Guidelines:

1. Excluding life and property threatened, no dozer/heavy equipment disturbance should occur within the TOT/UT 1500' wide corridor, 750' either side of the trail bed, nor around any TOT/UT associated cultural resource sites without Archaeological survey clearance.
2. Excluding life and property threatened, no dozer/heavy equipment disturbance may occur on or across the TOT/UT trail bead. Walking a dozer across with the blade up is permitted however, avoid crossing or paralleling known intact, entrenched, or preserved TOT/UT sections.
3. Minimum impact suppression tactics, to include existing barriers, hand-lines, hose-lays, wet/foam lines, aerial water/retardant drops, and firing will serve as the preferred method of control lines within the 1500' wide corridor.
4. No new parking areas or drop points may be constructed within the 1500' TOT/UT corridor. Existing areas and points may not be enlarged and should only be hand cleared.
5. Construction of Safety zone locations within 1500' wide TOT/UT corridor must be coordinated with an archeologist on the ground.
6. If human remains are discovered during fire suppression activities, the Forest Archaeologist will immediately notify (within 24 hours of s/he being notified) the consulting tribes via email and telephone of the discovery and begin consultation on the disposition of the human remains per the requirements of the Native American Graves Protection and Repatriation Act at 43 CFR 10. An ARCH with arduous fitness qualification will be ordered, and any suppression activities not required to protect life and private property will cease in the immediate area.

Contact Andrew Triplett (601-209-4614) if any fires are within the TOT/UT area.

Maps:



Nantahala N.F. Fires of 2016 Suppression Repair Guidance – GENERAL RECOMMENDATIONS

General Resource Discussion

- Use MIST when working along the Appalachian Trail.
- Constructed fireline will be obliterated where feasible to reduce the risk of encouraging illegal access and in designated Roadless Areas to maintain or improve the roadless character.

General Suppression Repair Standards on USFS & Private:

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 annual ryegrass, and rake in 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.

Dozerline Repair: Repair will occur using a small sized trackhoe with hydraulic thumb.

1. On dozerline on old road beds, construct waterbars (See Waterbar Specs. below), and pull in outside berm and woody debris where available, then seed with annual ryegrass.
2. On newly constructed dozer line not associated with existing road beds do not construct waterbars, but only pull in excavated material (outside berm, woody debris, etc.) back onto the dozerline, then seed with annual ryegrass.

Waterbar Specifications:

- Spacing of waterbars is determined using the level sight distance method, (determined by standing on a drainage feature (grade-sag, waterbar, etc.), looking upslope place the next waterbar level with your line of sight.
- Keep them shallow in depth, ~ 12" from top of berm to bottom of trench, to avoid getting into low nutrient soil layers often found in these soils.
- Angle them at a 30-45 degree angle from the dozerline slope, thus giving them the slope needed to drain water and eroded soil.
- Where possible, waterbars must lead water off the line and onto a vegetated area.
- Sow seed on constructed waterbars and spread woody debris and leaves on the surface.
- Near stream channels, decrease waterbar spacing to reduce erosion potential or where necessary increase spacing to carry water on the line downslope to an effective streamside zone (better buffered area). Although we want to reduce erosion and soil loss, the ultimate goal is to reduce sediment delivery to the stream.

Stream Crossings: All streams channels (wet or dry) disturbed by a fireline crossing will be reestablished using a trackhoe:

1. Clear fill material (woody debris, soil, etc.) out of the crossing that was pushed into the crossing during line construction.
2. Recontour the approaches to the stream back to a stable slope.
3. Sow annual ryegrass and mulch with pine straw. (Wheat straw to often has non-native and invasive seed, therefore we will avoid using it).
4. Woody debris can be placed on the approaches to help control erosion.

Equipment and Materials:

Trackhoe Specifications:

Scope of Work:

The scope of this contract is to rent small excavators (trackhoes) to accomplish the suppression repair work on the dozerline. The Contractor shall provide the rental of trackhoe excavators of the specifications identified below.

Trackhoe Specifications:

1. Weight: 28,000 lbs, + or – 1,500 lbs,
2. Maximum Outside Track Width: 8.5 feet
3. Minimum Horsepower: 94 HP,
4. Minimum Reach: 26’ reach, and
5. A Hydraulic Thumb

Seed/Pine Straw Mulch:

Scope of Work:

The scope of this contract is to purchase Seed, Lime, and Mulch to be placed where needed on bare mineral soil including fireline and system roads. This material will be stored at District Work Centers. The closest local distributor of these materials is K & M Products, 3248 Patton Road, Franklin, NC. They can be reached by phone at (828) 507-2565. A contact with them has not been made by this date.

Specification for Seed/Lime/Mulch & Estimated Cost:

Item	Type	Application Rate	Lbs needed for XXX acres	Estimated Cost /lbs	Estimated Cost for XXX acres
Seed	<i>Annual Ryegrass</i>	20 lbs/acre	X	X	X
Lime	<i>Pelletized</i>	100 lbs/acres	X	X	X
Mulch	<i>Pine Straw</i>	20 bales/acre	X	X	X
TOTAL Cost:					X

Lead READ Contact Info:

Brady Dodd, NFsNC Forest Hydrologist, November 16, 2016
 828-257-4214 office, 828-620-3176 cell, bdodd@fs.fed.us



Nantahala National Forest

Fall 2016 Fires

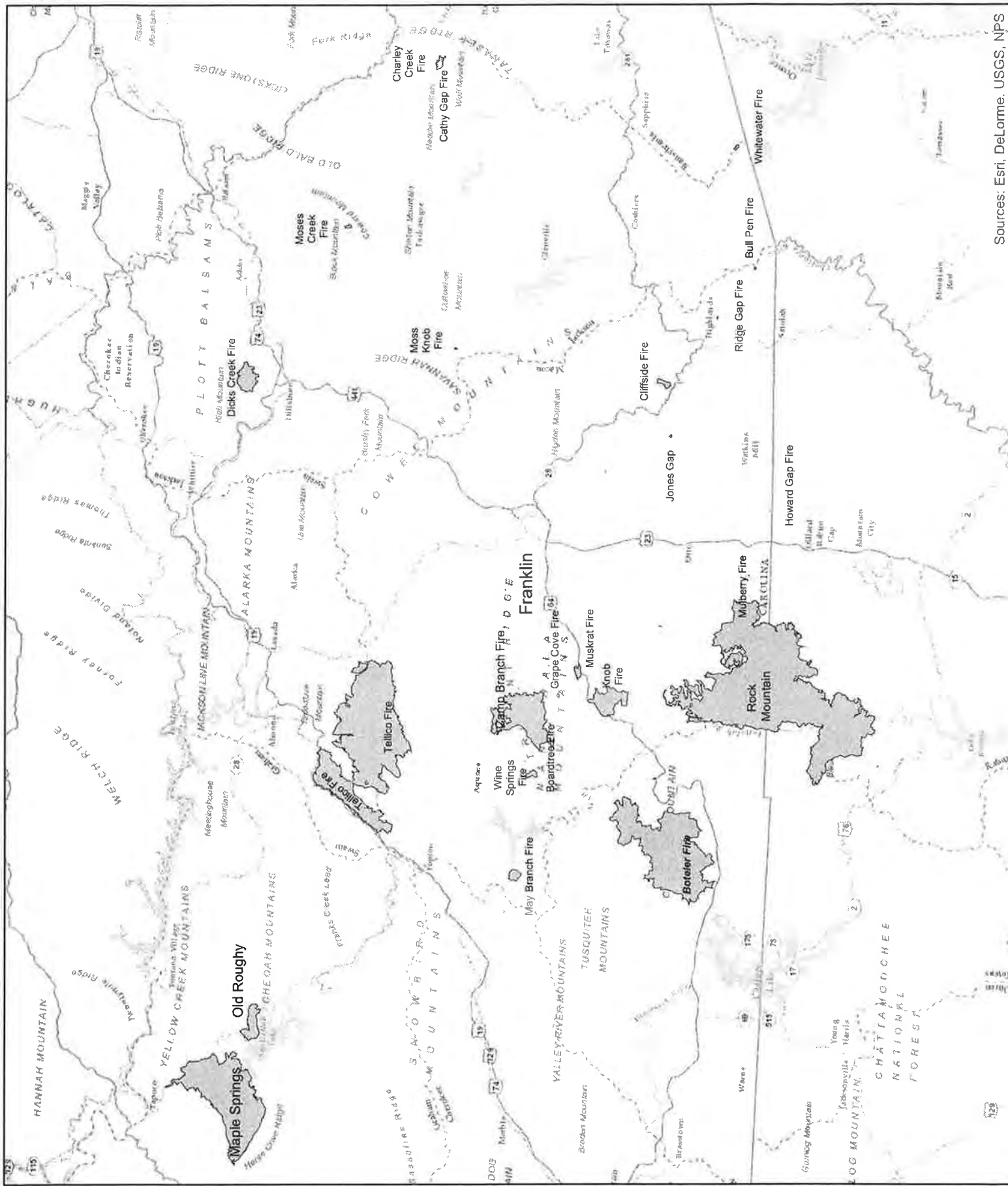
12/3/16-12/17/16



Download a GeoPDF

0 1.252.5 5 mi.

11/30/2016 4:30:24 PM
NC StatePlane NAD83 Feet
Blue Team GIS



Sources: Esri, DeLorme, USGS, NPS

