



# The Fair Field Fire District Community Wildfire Protection Plan

## AN ACTION PLAN FOR WILDFIRE MITIGATION

Date: 3/15/2010

**Prepared By:** Doug Thompson  
**Organization:** North Carolina Forest Service

**Contact Information:**

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Rutherfordton, NC 28139  
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**Fax:**

**DOI Name:** FAIRFIELD FD  
**DOI Number:** NC10095341

This plan is a collaborative effort between various entities. The signing representatives listed in this plan comprise the core decision-making team responsible for this report and mutually agree on the plan's contents and are committed to act on its recommendations. The objectives are to set clear priorities for the implementation of wildfire mitigation in this fire district. This includes prioritized recommendations for the fire district as a whole and also for community members where appropriate.

**CWPP Signature Page(s)**

**Fire Department Representative**

**Name:** Charles Sullivan

**Address:** 112 Mountains Boulevard  
Lake Lure, NC 28746

**Phone Number:** 828-625-9333

**E-Mail:**

**Signature:** \_\_\_\_\_ Signed? Yes

**Name:** Ron Morgan

**Address:** PO Box 255  
Lake Lure, NC 28746

**Phone Number:** 828-625-9333

**E-Mail:**

**Signature:** \_\_\_\_\_ Signed? Yes

**County Fire Marshal**

**Name:** Roger Hollifield

**Address:** 6306 Bostic/Sunshine Highway  
Bostic, NC 28018

**Phone Number:** 828-245-1935

**E-Mail:**

**Signature:** \_\_\_\_\_ Signed? Yes

**North Carolina Forest Service**

**Name:** Doug Thompson

**Address:** 519 Airport Road  
Rutherfordton, NC 28139

**Phone Number:** 828-286-9201

**E-Mail:** larry.thompson@ncagr.gov

**Signature:** \_\_\_\_\_ Signed? Yes

## North Carolina Community Wildfire Protection Plan

The following federal and other interested parties were consulted and involved in the preparation of this report.

<b><u>Name</u></b>	<b><u>Organization</u></b>
<b><u>Mutual Aid</u></b>	
<b><u>Number</u></b>	<b><u>Name</u></b>
NC10094991	BILLS CREEK FD
NC10095135	CHIMNEY ROCK FD
NC10095594	LAKE LURE

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- 1) Fire District, History and Pre-Attack Information**
- 2) Fire District Base Map and Other Visual Aids**
- 3) Recommendations and Action Items**
- 4) Additional Comments**
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## Fair Field Fire District

### 1) FIRE DISTRICT AND PRE-ATTACK INFORMATION

#### A. PRIMARY FIRE STATION:

**County:** Rutherford **County ID Number:** 081  
**Name:** Fair Field Fire Department 20  
**Latitude:** 35.46184 **Longitude:** -82.18871  
**Street:** 1415 Buffalo Creek Road  
**City:** Lake Lure **State:** NC **Zip Code:** 28746  
**Mailing Address (if different):**  
**City:** **State:** **Zip Code:**  
**Phone Number:** 828-625-2488 **Fax Number:**  
**Email Address:** llfire@bellsouth.net  
**Ground Directions:** 64/74, right onto Buffalo Creek Rd, left onto Buffalo Shoals Rd. Fire house will be on the left.

#### B. RESOURCE CAPACITY:

PERSONNEL			
<b>Number of Paid Firefighters:</b>	0	<b>Number of Volunteer Firefighters:</b>	28
<b>Number Trained in Wildland Fire:</b>	10	<b>Number Trained in Fire Prevention:</b>	20
<b>Number Trained in Hazard Assessment:</b>	0	<b>Number of Pick Up Firefighters (if Applicable):</b>	0

EQUIPMENT		
Apparatus Type	Description	Quantity

#### C. INCIDENT PLANS AND INTELLIGENCE

##### INCIDENT MANAGEMENT INFRASTRUCTURE LOCATION(S)

**1 Staging Area:** Fair Field Driving Range  
**Latitude:** 34.46184 **Longitude:** -82.18871  
**Street Address:** 112 Mountians Blvd.  
**City:** Lake Lure **State:** NC **Zip Code:** 28746  
**Paved Parking Acres:** 0 **Unpaved Parking Acres:** 2 **Entrances:** 1  
**# Buildings:** 0 **Indoor Square Footage:** 0  
 **Utilities (Water/Sewer)**  **Telephone Service**  **Internet Service**  
**Ground Directions:** Hwy 64/74A, turn right onto Buffalo Creek Rd then left onto Buffalo Shoals Rd. Fire house will be on the left. Staging area will be up on hill behind Fire Department.  
  
**Comments:**

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**1 Nearest Medical Facility:** Rutherford Hospital  
**Latitude:** 35.36234 **Longitude:** -81.96616 **Phone Number:** 828-286-5000  
**Street Address:** 288 South Ridgecrest  
**City:** Rutherfordton **State:** NC **Zip Code:** 28139  
**Trauma Center Level:** NA  **Facility Has Burn Unit**  **Facility Has Air Service**  
**Medical Facility Type:** Primary Care (Hospital)  
**Ground Directions:** Hwy 221 to N. Washington st and turn on to Maple St. Hospital will be at the end of the road

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**2 Nearest Medical Facility:** Wake Forest Baptist Medical Center  
**Latitude:** 36.09017 **Longitude:** -80.27126 **Phone Number:** 336-716-2255  
**Street Address:** 131 Miller Street  
**City:** Winston-Salem **State:** NC **Zip Code:** 27517  
**Trauma Center Level:** I  **Facility Has Burn Unit**  **Facility Has Air Service**  
**Medical Facility Type:** Primary Care (Hospital)  
**Ground Directions:** Just south of Hwy 421/I-40-Business in Winston-Salem.

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**3 Nearest Medical Facility:** Carolina Medical Center - Charlotte  
**Latitude:** 35.20395 **Longitude:** -80.83908 **Phone Number:** 704-355-2000  
**Street Address:** 1000 Blythe Boulevard  
**City:** Charlotte **State:** NC **Zip Code:** 28203  
**Trauma Center Level:** I  **Facility Has Burn Unit**  **Facility Has Air Service**  
**Medical Facility Type:** Primary Care (Hospital)  
**Ground Directions:** From Harrisburg, head south on NC 49. Turn right to merge onto E WT Harris Blvd. Turn right.

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**VEHICLE ACCESS**

**Roads Paved (Percentage):** 75 - 99%  
**Average Road Grade:** 10 - 19%  
**Maximum Road Grade:** 20 - 44%  
**Maximum time to provide fire services to community:** 10 - 14 Minutes

**AVIATION**

**Airport** **Three Letter Designation**  
**RUTHERFORD CO - MARCHMAN FIELD** FQD  
**Manager:**  
**Latitude:** 35.42820 **Longitude:** -81.93510  **Has Fuel: Jet A**  **Has Fuel: Aviation Gasoline**  
**CTAF/UNICOM:** CTAF/UNICOM: 122.8 **Elevation:** 1,077 ft  
**Runway: Length** 5,000 ft **Width** 100 ft **Surface Type** Paved  
**Ground Directions:**

**HELICOPTER LANDING ZONES**

**1 Helispot:** Point @ Lake Lure **Capacity:** Type 1 - 3  
**Latitude:** 35.43526 **Longitude:** -82.22884  
**Ground Directions:** Hwy 64/74A to the Marina at Lake Lure, take a right into the parking lot of Town Hall. Large flat area. Behind the Town Hall and Marina  
**Comments:** This spot was previously used in the Double H Fire.

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**WATER RESOURCES**

Percent of Fire District in reach of hydrants or connected to county water: 25 - 49%

**1 Water Source:** Lake Lure **Contact Telephone:**  
**Uses:** **Ground:** True **Helicopter:** True **Fixed-Wing Use:** True  
**Type:** Lake **Water Source Access:** Private  
**Latitude:** 35.43257 **Longitude:** -82.19593  
**Ground Directions:** 64/74A to Lake Lure  
**Comments:**

**D. COMMUNITY INFORMATION**

**FIRE DISTRICT SIZE & DEMOGRAPHICS**

**Estimated Acres:** 19,192 **Number of Lots:** 16,721  
**Number of Structures:** 15,390 **Percentage Residential:** 70 %  
**Estimated Population Growth (next 30 Years):** High

**Majority Population is Full-Time:** False 50 - 74% **If NOT Full Time please indicate what Percentage of Population is part-time**

**HAZARD ASSESSMENT RATING (from NFPA 1144):** Moderate

**WILDFIRE HISTORY & FUEL TYPE**

**Relative Frequency:** Average of 5 per year  
**Common Causes:** Debris burning  
**Area of Future Concern:** Future development at Gray Rock and Bald Mountain  
**Additional Comments:** Large Fire occurred in Young's Mountain in 1991  
**Dominant Vegetation (Fuel Type):** Hardwood Litter  
**Dominant Building Construction Type:** Class B Construction, Single Family Residential Wood frame and wood siding  
**Wildfire History or Fuel Type Notes:** Last major fires were approximately 16 years ago in spring 1991. Areas burned in 1991 would have a greater impact on the community today due to urbanization.

**2) FIRE DISTRICT BASE MAP AND OTHER VISUALS**

*Minimally should include fire district boundary, major roads, fire Stations, ICPs, staging areas, medical facilities, helispots, water resources, and local, state, and federal ownership boundaries on the base map. May want to include: major land marks, police stations, evacuations routes, forest service offices, and large forest land parcel boundaries. Attach or insert community base map and other visuals.*

**3) RECOMMENDATIONS AND ACTION ITEMS**

**A. FUEL MITIGATION SITES**

**1 Project Name:** Rumbuling Bald Resort **Acres:** 500  
**Latitude:** 35.46520 **Longitude:** -81.19788  
**Landowner Name:** Rumbuling bald resort **Dominant Fuel Type:** Hardwood Litter  
**Planning Office:** NCFS **Risks:** Steep slopes and dense mountain laurel adjacent to structures. Very little defensible space.

**Mitigation Action**

Action	Planned Date	Completed Date	Funding Source	Activity to be Completed by
Grind brush away from structures.	3/1/2012	3/1/2013	ARRA	NCFS or private contractor

**Notes:**

**B. AREAS OF CONCERN**

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**1 Area Name:** Buffalo Creek **Hazard Rating:** High  
**Latitude:** 35.50378 **Longitude:** -82.20788 **Number of Homes:** 800 **Number of Lots:** 1,100  
**Dominant Fuel Type:** Hardwood Litter **Contact Person:**  
**Address:**  
**City:** **State:** **Zip Code:**  
**Dominant Risk:** Steep rocky slopes with heavy dead down debris with thick understory brush. Defensible space is limited to none, one way in one way out with a complex road system.  
**Notes:** This area is large for AOC but due to terrain this is a high concern.

Wildfire Hazard & Risk Assessment - Average Scores							
Means of Access		Vegetation		Roofing Assembly		Placement of Utilities	
Ingress and Egress	7	Predominant Veg.	20	Roof Composition	3	Placement of Utilities	5
Road Width	2	Fuel Clearance Zone	10	<b>Building Construction</b>		<b>Total</b>	
All-Season Road Cond.	5	<b>Topography</b>		Building Construction	10	Total Number of Scoresheets Completed	4
Fire Service Access	5	Slope	7	Building Setback	5	Total Points	96
Fire Service Turnaround	0	<b>Additional Rating Factors</b>		<b>Available Fire Protection</b>			
Street Signs	0	Miscellaneous	10	Water Source Avail.	1		
				Organized Response	1		
				Fixed Fire Protection	5		

### Action Items

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
	Fuel Reduction			
Reduce fuel loads in and around communities by means of Grinding / Hand removal and or Burning.		12/7/2010	12/7/2011	NCFS / Contractors
<b>Notes:</b>				
	Awareness			
Present information to community residents of Roaring Balds and Grey Rock		12/7/2010	12/7/2011	NCFS
<b>Notes:</b>				

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**2 Area Name:** Rumbling Bald Resort **Hazard Rating:** High  
**Latitude:** 35.45345 **Longitude:** -82.18970 **Number of Homes:** 300 **Number of Lots:** 0  
**Dominant Fuel Type:** Hardwood Litter **Contact Person:** Multiple 828-694-3000  
**Address:** 112 Mountains Boulevard  
**City:** Lake Lure **State:** NC **Zip Code:** 28746  
**Dominant Risk:** Steep rocky slopes with heavy dead down debris with thick understory brush. Defensible space is limited to none, one way in one way out with a complex road system.  
**Notes:** This is a large area that shares AOC with Lake Lure FD. Communities are in close proximity to each other.

**Wildfire Hazard & Risk Assessment - Average Scores**

Means of Access	Vegetation	Roofing Assembly	Placement of Utilities
Ingress and Egress	7 Predominant Veg.	20 Roof Composition	3 Placement of Utilities
Road Width	2 Fuel Clearance Zone	10 <b>Building Construction</b>	<b>Total</b>
All-Season Road Cond.	5 <b>Topography</b>	10 Building Construction	Total Number of Scoresheets Completed
Fire Service Access	5 Slope	7 Building Setback	Total Points
Fire Service Turnaround	0 <b>Additional Rating Factors</b>	<b>Available Fire Protection</b>	94
Street Signs	0 Miscellaneous	8 Water Source Avail.	
		1 Organized Response	
		5 Fixed Fire Protection	

**Action Items**

Action	Category: Awareness	Planned Date	Completed Date	Activity to be Completed by
Present firewise information to community.		12/7/2010	12/7/2011	NCFS

**Notes:**

Action	Category: Fuel Reduction	Planned Date	Completed Date	Activity to be Completed by
Remove fuels from outside the HIZ and in surrounding Community. Rumbling Bald.		12/7/2010	12/7/2011	NCFS/Contractors

**Notes:**



**C. FIRE PREVENTION PROGRAMS**

**1 Project Name:** Firewise

**Population Reached:** Rumbling Bald Resort

**Project Description:** Firewise presentation

Age Group Targeted (select all that apply)	>50	50 - 35	34 - 20	19 - 15	14 - 10	9 - 6	<6
	False	True	True	False	False	False	False

**Community(s) Targeted (if applicable):** Rumbuling Bald resort

**Action**

Action	Planned Date	Completed Date	Funding Source	Activity to be Completed by
	10/22/2009	10/22/2009	NCFS	NCFS

**Notes:**

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**D. PREPAREDNESS ACTIONS**

**1 Preparedness Item:** Education

**Planning Office:** NCFS

**Preparedness Need:** Increase the amount of wildland related training in this fire district.

**Preparedness Action**

Category	Other	Planned Date	Completed Date	Funding Source	Activity to be Completed by
<b>Action</b>					
Instruct on basic wildland classes (S-130,S-131 and S-190) and expand training to include Urban Interface S-215		1/1/2012	1/1/2013	NCFS	Rutherford County office

**Notes:**

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**4) ADDITIONAL COMMENTS:**

**5) ATTACHMENTS:**