



The Lake Lure 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:

Address: 519 Airport Road
Rutherfordton, NC 28139
Phone: 828-286-9201
E-Mail: larry.thompson@ncagr.gov
Fax:

DOI Name: LAKE LURE
DOI Number: NC10095594

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: 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.

<u>Name</u>	<u>Organization</u>
<u>Mutual Aid</u>	
<u>Number</u>	<u>Name</u>
NC10094991	BILLS CREEK FD
NC10095135	CHIMNEY ROCK FD
NC10095341	FAIRFIELD FD
NC10095341	FAIRFIELD FD
NC10095446	GREEN CREEK FD

PLAN CONTENTS

- 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
- 5) Attachments

Lake Lure

1) FIRE DISTRICT AND PRE-ATTACK INFORMATION

A. PRIMARY FIRE STATION:

County: Rutherford **County ID Number:** 081
Name: Lake Lure 25
Latitude: 35.41982 **Longitude:** -82.18914
Street: 622 Memorial Highway
City: Lake Lure **State:** NC **Zip Code:** 28746
Mailing Address (if different):
City: **State:** **Zip Code:**
Phone Number: 828-625-9333 **Fax Number:**
Email Address:
Ground Directions: Hwy 64 west form Rutherfordton apx. 18 mi

B. RESOURCE CAPACITY:

PERSONNEL

Number of Paid Firefighters:	6	Number of Volunteer Firefighters:	25
Number Trained in Wildland Fire:	31	Number Trained in Fire Prevention:	31
Number Trained in Hazard Assessment:	0	Number of Pick Up Firefighters (if Applicable):	10

EQUIPMENT

Apparatus Type	Description	Quantity
Engine Type 1		1
Water Tender Type 1		1
Engine Type 6		1
ATV	RTV	1
Boat (> 21')		1
Boat (11' - 16')		1
First Responder Vehicle		1
Chain saw		3
Rescue Vehicle		1

C. INCIDENT PLANS AND INTELLEGENCE

INCIDENT MANAGEMENT INFRASTRUCTURE LOCATION(S)

- 1 Incident Command Post (ICP):** Chimney Rock public parking
ICP Latitude: 35.44055 **ICP Longitude:** -82.24927
ICP Street Address: NC Hwy 64/74A
City: Chimney Rock **State:** NC **Zip Code:** 28720
Paved Parking Acres: 2 **Unpaved Parking Acres:** 0 **Entrances:** 2
Buildings: 0 **Indoor Square Footage:** 0
 Utilities (Water/Sewer) **Telephone Service** **Internet Service**
Ground Directions: Hwy 64/74A to the town of Chimney Rock, parking lot will be on the right.
Comments: travel trailers will be needed. Air Cards will be needed if internet service is required, coverage (spotty).

North Carolina Community Wildfire Protection Plan

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:

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

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.

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.

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 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: Rutherford Co. Airport **Capacity:** Type 1 - 3

Latitude: 35.43119 **Longitude:** -81.93545

Ground Directions: Hwy 64 west. Turn left onto Oscar Justice Rd and turn right onto Airport Rd. Airport will be at the end of the road.

Comments:

WATER RESOURCES

Percent of Fire District in reach of hydrants or connected to county water: 50 - 74%

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: 11,520 **Number of Lots:** 5,000

Number of Structures: 2,300 **Percentage Residential:** 90 %

Estimated Population Growth (next 30 Years): Average

Majority Population is Full-Time: False 25 - 49% **If NOT Full Time please indicate what Percentage of Population is part-time**

HAZARD ASSESSMENT RATING (from NFPA 1144):

WILDFIRE HISTORY & FUEL TYPE

Relative Frequency: Average of 6 fires per year

Common Causes: lighting & debris

Area of Future Concern: Developments on the edge of the district

Additional Comments:

Dominant Vegetation (Fuel Type): Hardwood Litter

Dominant Building Construction Type: Wood frame

Wildfire History or Fuel Type Notes: Areas of steep slopes and mountain laurel

2) FIRE DISTRICT BASE MAP AND OTHER VISUALS

North Carolina Community Wildfire Protection Plan

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) RECOMMEDATIONS AND ACTION ITEMS

A. FUEL MITIGATION SITES

1 **Project Name:** Lake Lure South

Acres: 200

Latitude: 35.43758 **Longitude:** -82.18142

Landowner Name: Shumont, River Bend, Highlands, Village Resort, Washburn Rd area

Dominant Fuel Type: Hardwood Litter

Planning Office: NCFS

Risks: Many houses with part time ownership with steep slopes and lack of defensible space.

Mitigation Action

Action	Planned Date	Completed Date	Funding Source	Activity to be Completed by
Grinding and other fuel mitigations applications around houses	1/1/2011		ARRA, CWPP	NCFS or Private Contractors
Notes:				

B. AREAS OF CONCERN

North Carolina Community Wildfire Protection Plan

1 Area Name: Lake Lure South **Hazard Rating:** Extreme
Latitude: 35.43758 **Longitude:** -82.19142 **Number of Homes:** 1,200 **Number of Lots:** 2,400
Dominant Fuel Type: Hardwood Litter **Contact Person:** Ron Morgan
Address: PO Box 255
City: Lake Lure **State:** NC **Zip Code:** 28746
Dominant Risk: Many houses with part time ownership with steep slopes and no defensible space.
Notes:

Wildfire Hazard & Risk Assessment - Average Scores

Means of Access	Vegetation	Roofing Assembly	Placement of Utilities
Ingress and Egress	7 Predominant Veg.	10 Roof Composition	3 Placement of Utilities
Road Width	4 Fuel Clearance Zone	25 Building Construction	Total
All-Season Road Cond.	7 Topography	10 Building Construction	Total Number of Scoresheets Completed
Fire Service Access	4 Slope	8 Building Setback	5
Fire Service Turnaround	5 Additional Rating Factors	Available Fire Protection	Total Points
Street Signs	1 Miscellaneous	11 Water Source Avail.	112
		Organized Response	1
		Fixed Fire Protection	5

Action Items

Action	Category: Awareness	Planned Date	Completed Date	Activity to be Completed by
Present wildfire information to communities in the area, Pecks and Riverbend		1/25/2011	1/25/2012	NCFS/Contractors

Notes:

Action	Category: Fuel Reduction	Planned Date	Completed Date	Activity to be Completed by
Grinding and other fuel mitigation projects around structures		1/1/2011		NCFS or Private contactor

Notes:

C. FIRE PREVENTION PROGRAMS

1 Project Name: Lake lure South

Population Reached: multiple

Project Description: present wildland fire asseaments and related materail on how to better prepare community in the event of wildfire.

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):

Action

Action	Planned Date	Completed Date	Funding Source	Activity to be Completed by
	8/12/2010	8/12/2011	ARRA/Firewise	NCFS/Contractors

Notes:

2 Project Name: Smokey Bear

Population Reached: Elmentary School Childern

Project Description: Smokey the Bear programs during fire preveniont week

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

Community(s) Targeted (if applicable): North West area of county

Action

Action	Planned Date	Completed Date	Funding Source	Activity to be Completed by
	1/1/2011		NCFS	NCFS

Notes: This is a re-occurring event

D. PREPAREDNESS ACTIONS

1 Preparedness Item: Equipment

Planning Office: Lake Lure FD

Preparedness Need: Two new chain saws to replace the aging ones that are starting to experience mechanical issues and one leaf blower to assist in fire line construction during fire season. Also PPE for firefighters, webgear, shelters.

Preparedness Action

Category	Planned Date	Completed Date	Funding Source	Activity to be Completed by
Equipment Purchase Action Purchase two MS460, 5 sets of Nomex, webgear with shelters and replacement tools.	1/1/2011		HLS Grants, 50/50 or RFDA grants.	NCFS

Notes:

2 Preparedness Item: Smokey

Planning Office: NCFS

Preparedness Need: A new Smokey the Bear suit for the county fire prevention program

Preparedness Action

Category	Planned Date	Completed Date	Funding Source	Activity to be Completed by
Equipment Purchase Action Purchase a New Smokey suit	1/1/2011		ARRA	NCFS

Notes:

3 Preparedness Item: Zone Tractor

Planning Office: NCFS

Preparedness Need: Zone tractor to cover Rutherford and Cleveland counties provide faster and more effective response to these areas.

Preparedness Action

Category	Planned Date	Completed Date	Funding Source	Activity to be Completed by
Equipment Purchase Action Zone tractor to cover Rutherford and Cleveland counties provide faster and more effective response to these areas.	1/1/2011	1/1/2011	ARRA	NCFS

Notes:

4) ADDITIONAL COMMENTS:

5) ATTACHMENTS: