



The Ebbs Chapel Community Wildfire Protection Plan

AN ACTION PLAN FOR WILDFIRE MITIGATION

Date: 10/3/2013

Prepared By: Brian Mixon
Organization: North Carolina Forest Service

Contact Information:

Address: 3744 NC 213 Hwy
Marshall, NC 28753
Phone: 828-649-3821
E-Mail: Brian.Mixon@ncagr.gov
Fax:

DOI Name: EBBS CHAPEL FD
DOI Number: NC10095297

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: Nathan Waldrup
Address: 680 Puncheon Fork Rd
Mars Hill, NC 28754
Phone Number: 828-689-9812
E-Mail: ECFD602@Gmail.com
Signature: _____ Signed? Yes

County Fire Marshal

Name: Jeff Willis
Address: 348 Medical Park Drive Rm 127
Marshall, NC 28753
Phone Number: 828-206-7910
E-Mail: Jwillis@madisoncountync.org
Signature: _____ Signed? Yes

USDA Forest Service Representative

Name: Cleve Fox
Address: 632 Manor Rd
Mars Hill, NC 28754
Phone Number: 828-689-9694
E-Mail:
Signature: _____ Signed? No

North Carolina Forest Service Representative

Name: Brian Mixon
Address: 3744 NC 213 Hwy
Marshall, NC 28753
Phone Number: 828-206-3821
E-Mail: Brian.Mixon@ncagr.gov
Signature: _____ Signed? Yes

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

<u>Name</u>	<u>Organization</u>
Kevin Robinson	NC Forest Service Madison Assistant Count Ranger
Nathan Waldrup	Ebbs Chapel Fire Department Assistant Chief
Josh Jenkins	Ebbs Chapel Fire Department Chief

Mutual Aid

<u>Number</u>	<u>Name</u>
NC10095693	MARS HILL
NC10095695	MARSHALL
NC10095608	LAUREL FD

NC10095569
NC10094948
NC10095304

JUPITER FD
BARNARDSVILLE FD
EGYPT RAMSEYTOWN FD

PLAN CONTENTS

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All Longitude (-78.23456) and Latitude (35.23456) entries in this plan must be in decimal degrees with five degree points after the decimal.

Ebbs Chapel

1) FIRE DISTRICT AND PRE-ATTACK INFORMATION

A. PRIMARY FIRE DEPARTMENT (PFD):

County: Madison **County ID Number:** 057
PFD Name: Ebbs Chapel VFD (600 units)
PFD Latitude: 35.91752 **PFD Longitude:** -82.54511
PFD Street: 680 Puncheon Fork Rd
City: Mars Hill **State:** NC **Zip Code:** 28754
PFD Mailing Address (if different than Street Address): NA
City: NA **State:** NC **Zip Code:**
PFD Phone Number: 828-689-9812 **PFD Fax Number:** 828-689-9812
PFD Email Address: ECFD602@Gmail.com
Ground Directions: West I-26 Exit 3 Turn right on Bear Branch RD. Right on US Hwy 23a. Left on Laurel Valley. Left on Puncheon Fork Rd. 6th of a mile Station on right.

B. PFD RESOURCE CAPACITY:

PERSONNEL

Number of Paid Firefighters:	1	Number of Volunteer Firefighters:	22
Number Trained in Wildland Fire:	13	Number Trained in Fire Prevention:	3
Number Trained in Hazard Assessment:	2	Number of Pick Up Firefighters (if Applicable):	5

EQUIPMENT

Apparatus Type	Description	Quantity
Sedan	2005 Ford Crown Victoria	1
Generator (< 25 KW)	4 KW Gas portable	1
Generator (< 25 KW)	10 KW Gas portable	1
First Responder Vehicle	Truck 6 F-250 Service Body	1
Engine Type 6	Brush 6 300 Gal	1
Engine Type 2	Pumper Tanker 6 1000 Gal	1
Engine Type 2	Engine 6 1000 Gal	1

A. PRIMARY FIRE DEPARTMENT (PFD):

County: Madison **County ID Number:** 057
PFD Name: Ebbs Chapel Sub Station
PFD Latitude: 35.91703 **PFD Longitude:** -82.61374
PFD Street: 11101 Big Laurel Rd
City: Mars Hill **State:** NC **Zip Code:** 28754
PFD Mailing Address (if different than Street Address): 608 Puncheon Fork Rd
City: Mars Hill **State:** NC **Zip Code:** 28754
PFD Phone Number: 828-689-9812 **PFD Fax Number:** NA
PFD Email Address: ECFD602@Gmail.com
Ground Directions: West I-26 Exit 3 Turn right on Bear Branch RD. Left on US Hwy 23a. Left on Big Laurel Rd. Travel about 5 miles and station will be on the right.

B. PFD RESOURCE CAPACITY:

PERSONNEL

Number of Paid Firefighters:	0	Number of Volunteer Firefighters:	22
Number Trained in Wildland Fire:	13	Number Trained in Fire Prevention:	3
Number Trained in Hazard Assessment:	2	Number of Pick Up Firefighters (if Applicable):	5

EQUIPMENT

Apparatus Type	Description	Quantity
First Responder Vehicle	Rescue 6-2 F-350 Service Body Pick Up	1
Air Compressor	Air 6 6000 psi Breathing Air	1
Water Tender Type 3	Tanker 6 1500 Gal	1
Engine Type 2	Engine 6-2 750 Gal	1

C. INCIDENT PLANS AND INTELLEGENCE

INCIDENT MANAGEMENT INFRASTRUCTURE LOCATION(S)

1 Incident Command Post (ICP): Ebbs Chapel FD Main Station
ICP Latitude: 35.91752 **ICP Longitude:** -82.54511
ICP Street Address: 680 Puncheon Fork Rd
City: Mars Hill **State:** NC **Zip Code:** 28754
Paved Parking Acres: 0 **Unpaved Parking Acres:** 0 **Entrances:** 2
Buildings: 1 **Indoor Square Footage:** 4200
 Utilities (Water/Sewer) **Telephone Service** **Internet Service**
Ground Directions: West I-26 Exit 3 Turn right on Bear Branch RD. Right on US Hwy 23a. Left on Laurel Valley. Left on Puncheon Fork Rd. 6th of a mile Station on right.

Comments:

1 Staging Area (SA): Ebbs Chapel FD Sub Station
SA Latitude: 35.91706 **SA Longitude:** -82.61238
SA Street Address: 11101 Big Laurel Rd
City: Marshall **State:** NC **Zip Code:** 28753
Paved Parking Acres: 0 **Unpaved Parking Acres:** 0 **Entrances:** 1

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Buildings: 1 **Indoor Square Footage:** 4000
 Utilities (Water/Sewer) **Telephone Service** **Internet Service**
Ground Directions: West I-26 Exit 3 Turn right on Bear Branch RD. Left on US Hwy 23a. Left on Big Laurel Rd. Travel about 5 miles and station will be on the right.
Comments: No cell service. Good water point across the street.

2 Staging Area (SA): US Hwy 23 DOT Shed
SA Latitude: 35.90655 **SA Longitude:** -82.54704
SA Street Address: 10727 US Hwy 23a
City: Mars Hill **State:** NC **Zip Code:** 28753
Paved Parking Acres: **Unpaved Parking Acres:** 2 **Entrances:** 1
Buildings: **Indoor Square Footage:**
 Utilities (Water/Sewer) **Telephone Service** **Internet Service**
Ground Directions: West I-26 Exit 3 Turn right on Bear Branch RD. Right on US Hwy 23a. Driveway on right at intersection of Laurel Valley Rd.
Comments:

3 Staging Area (SA): Wolf Creek Market
SA Latitude: 35.90722 **SA Longitude:** -82.54969
SA Street Address: 11120 US Hwy 23a
City: Mars Hill **State:** NC **Zip Code:** 28754
Paved Parking Acres: 0 **Unpaved Parking Acres:** 3 **Entrances:** 2
Buildings: **Indoor Square Footage:**
 Utilities (Water/Sewer) **Telephone Service** **Internet Service**
Ground Directions: West I-26 Exit 3 Turn right on Bear Branch RD. Right on US Hwy 23a. Area is on the Left right next to the Wolf Creek Market.
Comments:

4 Staging Area (SA): Wolf Laurel Rd
SA Latitude: 35.95067 **SA Longitude:** -82.52162
SA Street Address: 316 Wolf Laurel Rd
City: Mars Hill **State:** NC **Zip Code:** 28754
Paved Parking Acres: **Unpaved Parking Acres:** 2 **Entrances:** 2
Buildings: **Indoor Square Footage:**
 Utilities (Water/Sewer) **Telephone Service** **Internet Service**
Ground Directions: West I-26 Exit 3 Turn right on Bear Branch RD. Right on US Hwy 23a. Left on Laurel Valley. Left on Puncheon Fork Rd. Right on Wolf Laurel Rd. On the left across the street from the Wolf Mt Realty office.
Comments:

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1 Nearest Medical Facility (NMF): Mission Hospital
NMF Latitude: 35.57662 **NMF Longitude:** -82.54890 **Phone Number:** (828) 213-1500
NMF Street Address: 509 Biltmore Ave.
City: Asheville **State:** NC **Zip Code:** 28801
Trauma Center Level: II **Facility Has Burn Unit** **Facility Has Air Service**
Medical Facility Type: Primary Care (Hospital)
Ground Directions: Coming from 19/23 (Johnson City and Erwin, TN)

Take the I-240 East Expressway (Downtown) Exit off of 19/23.
Get in right-hand lane to take the right fork (Expressway).
Go 1 mile and take Exit 5B (Charlotte Street).
Turn right at the end of the exit ramp on to Charlotte Street.
Go 0.9 miles (through two lights) and get in the left lane.
Take a left at the third light on to Biltmore Avenue.
Get in the right-hand lane.
Go 0.6 miles to the 4th light.
Turn right into the hospital.
Follow signs to emergency department.

2 Nearest Medical Facility (NMF): Johnson City Medical Center
NMF Latitude: 36.31250 **NMF Longitude:** -82.38805 **Phone Number:** (423) 431-6111
NMF Street Address: 400 N. State of Franklin Road
City: Johnson City **State:** TN **Zip Code:** 37604
Trauma Center Level: I **Facility Has Burn Unit** **Facility Has Air Service**
Medical Facility Type: Primary Care (Hospital)
Ground Directions: From Asheville, NC: from I-26 West, take Exit 24. At the stop light, turn onto US 321 South. This will be University Parkway. Proceed to State of Franklin Rd at the 5th stop light and turn left. After approximately 1 mile, Johnson City Medical Center will be on your right.

3 Nearest Medical Facility (NMF): Baptist Hospital
NMF Latitude: 36.08930 **NMF Longitude:** -80.27090 **Phone Number:** (336) 716-2011
NMF Street Address: Medical Center Blvd
City: Winston Salem **State:** NC **Zip Code:** 27103
Trauma Center Level: I **Facility Has Burn Unit** **Facility Has Air Service**
Medical Facility Type: Primary Care (Hospital)
Ground Directions: US-64 East to I-40 E. Exit onto I-40 Business East. Exit 4 straight from exit to Medical Center Blvd.
Medical Center Blvd

VEHICLE ACCESS

Roads Paved (Percentage): 50 - 74%
Average Road Grade: 20 - 44%
Maximum Road Grade: >45%
Maximum time to provide fire services to community: 15 - 29 Minutes

AVIATION

Airport	Three Letter Designation	Degrees From ICP	Miles From ICP
Asheville	AVL	0	0

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Latitude: 35.43619 **Longitude:** -82.5418 **Has Fuel: Jet A** **Has Fuel: Aviation Gasoline**

Ground Directions: Exit off of I-26 on exit 40. Airport is just on the west side of the interstate.

Comments: Elevation: 2165 ft. / 659.9 m (surveyed)
 Variation: 04W (1985)
 From city: 9 miles S of ASHEVILLE, NC

Airport Communications

CTAF: 121.1

UNICOM: 122.95

ATIS: 120.2

WX ASOS: PHONE 828-681-0131

ASHEVILLE GROUND: 121.9 [0630-2300]

ASHEVILLE TOWER: 121.1 257.8 [0630-2300]

ASHEVILLE APPROACH: 124.65(160-339) 125.8(340-159) 269.575(340-159)

351.8(160-339) [0630-2300]

ASHEVILLE DEPARTURE: 124.65(160-339) 125.8(340-159) 269.575(340-159)

351.8(160-339) [0630-2300]

CLASS C: 125.8(340-159) 351.8(160-339)

CLASS C IC: 124.65(160-339) 269.575(340-159)

EMERG: 121.5 243.0

Runway 16/34

Dimensions: 8001 x 150 ft. / 2439 x 46 m

Surface: asphalt/grooved, in fair condition

Weight bearing capacity: Single wheel: 120.0

Double wheel: 160.0

Double tandem: 260.0

Runway edge lights: high intensity

Gradient: NORTHWEST.

North Carolina Community Wildfire Protection Plan

Tri-Cities Tn. TRI 0 0

Latitude: 36.47519 **Longitude:** -82.40741 **Has Fuel: Jet A** **Has Fuel: Aviation Gasoline**

Ground Directions: From Madison County
Merge onto I-26 W/US-19 N/US-23 N/US-70 W
Continue to follow I-26 W/US-23 N entering Tennessee 68.5 mi
Take exit 13 for TN-75/Bobby Hicks Hwy/Suncrest Dr toward Granville 0.2 mi
Turn right onto TN-75 N/Bobby Hicks Hwy
Continue to follow TN-75 N 6.5 mi

Comments: Elevation: 1519 ft. / 463.0 m (surveyed)
Variation: 05W (1990)
From city: 12 miles SW of central business district of the associated city

Airport Communications

CTAF: 119.5

UNICOM: 122.95

ATIS: 118.25

WX ASOS: PHONE 423-279-0363

TRI CITY GROUND: 121.7 348.6 [0600-0000]

TRI CITY TOWER: 119.5 257.8 [0600-0000]

TRI CITY APPROACH: 125.5(228-046) 134.425(047-227) 317.5(228-046)
349.0(047-227) [0600-0000]

ATLANTA ARTCC APPROACH: 119.25 [0000-0600]

TRI CITY DEPARTURE: 125.5(228-046) 134.425(047-227) 317.5(228-046)
349.0(047-227) [0600-0000]

EMERG: 121.5 243.0

STAGE-III: 125.5(228-046) 317.5(228-046)

STAGE-III IC: 134.425(047-227) 349.0(047-227)

WX AWOS-3 at 0A9 (13 nm SE): 135.675 (423-543-1801)

Runway 5/23

Dimensions: 8000 x 150 ft. / 2438 x 46 m

Surface: asphalt/grooved, in fair condition

Weight bearing capacity: Single wheel: 100.0

Double wheel: 150.0

Double tandem: 210.0

Runway edge lights: high intensity

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1 Water Source: Bear Branch Hydrant **Contact Telephone:**
Uses: **Ground:** Yes **Helicopter:** No **Fixed-Wing Use:** No
Type: Hydrant **Water Source Access:** Public
Latitude: 35.89785 **Longitude:** -82.55314
Ground Directions: West I-26 Exit 3 Turn Left on Bear Branch RD. Approximately 1 mile up on the right.
Comments: I gravity fed hydrant from a pond up on the hill. Still has good pressure. Takes about 4 min to fill up a 1000 Gal tanker.

2 Water Source: Bear Branch Pond **Contact Telephone:**
Uses: **Ground:** Yes **Helicopter:** Yes **Fixed-Wing Use:** No
Type: Pond **Water Source Access:** Private
Latitude: 35.89542 **Longitude:** -82.45877
Ground Directions: West I-26 Exit 3 Turn Left on Bear Branch RD. Approximately 1 mile up on the Left. 970 Bear Branch Rd.
Comments:

3 Water Source: Wonderly Lane Pond **Contact Telephone:**
Uses: **Ground:** Yes **Helicopter:** No **Fixed-Wing Use:** No
Type: Pond **Water Source Access:** Private
Latitude: 35.96095 **Longitude:** -82.50906
Ground Directions: West I-26 Exit 3 Turn right on Bear Branch RD. Right on US Hwy 23a. Left on Laurel Valley. Left on Puncheon Fork Rd. Right on Wolf Laurel Rd. Continue on Wolf Laurel Rd. 1.3 miles to Wonderly Ln on the right. Go .2 miles and pond will be down on the right.
Comments: This will be a golf course pond that is not visible from the road but there is an access road that takes you down to it.

4 Water Source: Tube Run Pond **Contact Telephone:**
Uses: **Ground:** Yes **Helicopter:** Yes **Fixed-Wing Use:** No
Type: Pond **Water Source Access:** Public
Latitude: 35.94362 **Longitude:** -82.52592
Ground Directions: West I-26 Exit 3 Turn right on Bear Branch RD. Right on US Hwy 23a. Left on Laurel Valley. Left on Puncheon Fork Rd. Pond will be 3.3 miles on the left.
Comments: Could have livestock in the area around back side of pond.

5 Water Source: Wolf Laurel Hydrants **Contact Telephone:**
Uses: **Ground:** Yes **Helicopter:** No **Fixed-Wing Use:** No
Type: Hydrant **Water Source Access:** Public
Latitude: 35.96800 **Longitude:** -82.50100
Ground Directions: West I-26 Exit 3 Turn right on Bear Branch RD. Right on US Hwy 23a. Left on Laurel Valley. Left on Puncheon Fork Rd. Right on Wolf Laurel Rd. Continue on Wolf Laurel Rd. until you reach the club house on left.
Comments: 3 Hydrants in close proximity to the Club House.

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11 Water Source: Spring Valley Dr Pond **Contact Telephone:**
Uses: **Ground:** Yes **Helicopter:** No **Fixed-Wing Use:** No
Type: Pond **Water Source Access:** Private
Latitude: 35.95952 **Longitude:** -82.50962
Ground Directions: West I-26 Exit 3 Turn right on Bear Branch RD. Right on US Hwy 23a. Left on Laurel Valley. Left on Puncheon Fork Rd. Right on Wolf Laurel Rd. Continue on Wolf Laurel Rd. to 964 turn right on to Valley View Circle. At 135 Valley View Circle turn left on to Spring Valley Dr. At 307 Spring Valley Dr turn left. Pond will be on access rd.
Comments: This is a golf course pond that is not visible from the Rd. Has an access Rd the goes down to it.

12 Water Source: Douglas Lake **Contact Telephone:**
Uses: **Ground:** No **Helicopter:** No **Fixed-Wing Use:** Yes
Type: Lake **Water Source Access:** Public
Latitude: 36.03000 **Longitude:** -82.28000
Ground Directions: This lake is in Tennessee.
Comments:

D. COMMUNITY INFORMATION

FIRE DISTRICT SIZE & DEMOGRAPHICS

Estimated Acres: 25,419 **Number of Lots:** 3,699
Number of Structures: 1,796 **Percentage Residential:** 80%
Estimated Population Growth (next 30 Years): High
Majority Population is Full-Time: No 25 - 49% **If NOT Full Time please indicate what Percentage of Population is part-time**

HAZARD ASSESSMENT RATING (from NFPA 1144): High

WILDFIRE HISTORY & FUEL TYPE

Relative Frequency: 3 Wildfires per year.
Common Causes: Debris Burning.
Area of Future Concern: Wolf Laurel Community, Wolf Ridge Community
Additional Comments:
Dominant Vegetation(Fuel Type): 9. Hardwood Litter
Dominant Building Construction Type: Wood Frame and Mobile Homes
Wildfire History or Fuel Type Notes: Low wildfire history. Very steep terrain with hardwood Litter and Rhododendron.

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) RECOMMEDATIONS AND ACTION ITEMS

A. FUEL MITIGATION SITES

1 Project Name: Wolf Ridge Community **Acres:** 0

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Latitude: 35.94931 **Longitude:** -82.51210

Landowner Name: Multiple

Planning Office: NCFS

Dominant Fuel Type: 10. Timber

Risks: A large community with lots of structures. Adjacent to Wolf Laurel with lots of the same issues. Homes built on steep slope with heavy fuel coming right up to the porches.

Mitigation Action

Action	Planned Date	Completed Date	Funding Source	Activity to be Completed by
Removal of fuels away from structures by hand. Lots of homes have fuel contacting the structure or well within the home ignition zone.	5/1/2013		CPP	NCFS/Contractor

Notes:

B. COMMUNITIES AT RISK

1 Area Name: Wolf Laurel Community **Hazard Rating:** Extreme
Latitude: 35.95362 **Longitude:** -82.51658 **Number of Homes:** 750 **Number of Lots:** 1,600
Dominant Fuel Type: 10. Timber **Community Contact Person:** Community Gate House Phone # 828-689-2111

Address: 726 Wolf Laurel Rd

City: Mars Hill

State: NC **Zip Code:** 28754

Dominant Community Risk: A large number of homes in a large steep area. The Road system can be confusing. Maps are available at gate house. Community is very resistant to fuel mitigation and fire wise practices. Most structures are built completely out of combustible materials.

Notes: This is a very large community in very steep country. There is 2 ways in and out but the back entrance can be tricky to find and is located in Yancey County. If a large fire breaks getting residents out will be an issue.

Wildfire Hazard & Risk Assessment - Average Scores for Community

Means of Access	Vegetation	Roofing Assembly	Placement of Utilities
Ingress and Egress	0 Predominant Veg.	20 Roof Composition	8 Placement of Utilities
Road Width	3 Fuel Clearance Zone	25 Building Construction	3 Total
All-Season Road Cond.	5 Topography	10 Building Construction	1 Total Number of Scoresheets Completed
Fire Service Access	5 Slope	10 Building Setback	5 Total Points
Fire Service Turnaround	5 Additional Rating Factors	5 Available Fire Protection	120
Street Signs	1 Miscellaneous	12 Water Source Avail.	3
		1 Organized Response	1
		4 Fixed Fire Protection	4

Action Items

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Maintaining all roads, cart paths, and trails for use as fire breaks.	Infrastructure Improvement	9/1/2013		Roads crew/Contractors

Notes: The large number of roads and trails is a big benefit as they can serve as fire breaks to help contain a fire to a smaller area. Keeping banks and ditches clear is a must and will assist in helping to contain a fire.

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Continue to work with Fire Department to continue to educate one home owner at a time. The community as a whole is very resistant to any kind of fuel mitigation and firewise	Awareness	10/1/2013		NCFS/VFD

Notes:

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2 Area Name: Wolf Ridge Community **Hazard Rating:** Extreme
Latitude: 35.90931 **Longitude:** -82.51210 **Number of Homes:** 51 **Number of Lots:** 72
Dominant Fuel Type: 10. Timber **Community Contact Person:**

Address:

City: Mars Hill **State:** NC **Zip Code:** 28754

Dominant Community Risk: A large community with lots of structures. Adjacent to Wolf Laurel with lots the same issues. Homes built on steep slope with heavy fuel coming right up to the porches.

Notes: This is a large community in very steep country. There are two ways in and out but both are very steep. If a large fire breaks out getting residents out will be an issue.

Wildfire Hazard & Risk Assessment - Average Scores for Community							
Means of Access	Vegetation		Roofing Assembly		Placement of Utilities		
Ingress and Egress	2	Predominant Veg.	20	Roof Composition	25	Placement of Utilities	0
Road Width	2	Fuel Clearance Zone	15	Building Construction		Total	
All-Season Road Cond.	2	Topography		Building Construction	10	Total Number of Scoresheets Completed	1
Fire Service Access	5	Slope	10	Building Setback	5	Total Points	129
Fire Service Turnaround	3	Additional Rating Factors		Available Fire Protection			
Street Signs	5	Miscellaneous	14	Water Source Avail.	5		
				Organized Response	1		
				Fixed Fire Protection	5		

Action Items

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Removal of fuels away from structures by hand. Lots of homes have fuel contacting the structure or well within the home ignition zone.	Fuel Reduction	5/13/2013		NCFS/Contractor

Notes:

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Can try to implement a Firewise program but many residents are resistant in Wolf Ridge. Many homes are built of flammable materials.	Awareness	8/1/2014		NCFS/VFD/Community

Notes:

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Maintaining all roads, and trails for use as fire breaks.	Infrastructure Improvement	9/1/2013		Roads crew/Contractors

Notes: The large number of roads and trails is a big benefit as they can serve as fire breaks to help contain a fire to a smaller area. Keeping banks and ditches clear is a must and will assist in helping to contain a fire.

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Replace missing road signs	Infrastructure Improvement	9/1/2013		VFD/community

Notes: Just about all of the road signs are missing.

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3 Area Name: Laurel Highlands **Hazard Rating:** High
Latitude: 35.90144 **Longitude:** -82.51571 **Number of Homes:** 19 **Number of Lots:** 121
Dominant Fuel Type: 10. Timber **Community Contact Person:** Multipule
Address:
City: Mars Hill **State:** NC **Zip Code:** 28754
Dominant Community Risk: This community is mostly on top of a ridge. The main road is one lane gravel with few turnouts. Home owners have done a good job for the most part of keeping the fuel away from the structures.
Notes: The map shows a second way out but it is too rough for most vehicles except UTV's or ATV's.

Wildfire Hazard & Risk Assessment - Average Scores for Community

Means of Access	Vegetation	Roofing Assembly	Placement of Utilities
Ingress and Egress	7 Predominant Veg.	15 Roof Composition	3 Placement of Utilities
Road Width	4 Fuel Clearance Zone	10 Building Construction	Total
All-Season Road Cond.	7 Topography	10 Building Construction	Total Number of Scoresheets Completed
Fire Service Access	3 Slope	10 Building Setback	2 Total Points
Fire Service Turnaround	5 Additional Rating Factors	Available Fire Protection	93
Street Signs	0 Miscellaneous	8 Water Source Avail.	3
		1 Organized Response	1
		5 Fixed Fire Protection	5

Action Items

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Find out if there is a HOA for this community and see about introducing Firewise.	Awareness	1/1/2014		NCFS/ VFD/ Community

Notes:

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Work on Granny Shepherd Rd to improve road conditions for better access for fire trucks. Work on Alvin's Fox Trl to re-open for use to allow a second way out.	Infrastructure Improvement	8/1/2014		Community/ Contractor

Notes: Main road needs gravel and another turnout or two. Alvin's Fox Trl needs to be re-graded, brushed out and graveled to make it passable.

C. FIRE PREVENTION PROGRAMS

1 Project Name: Mars Hill Elementary **Population Reached:** 1000

Project Description: Fire prevention presentation in the class rooms and then the kids come out and look at the fire equipment.

Age Group Targeted (select all that apply)	>50	50 - 35	34 - 20	19 - 15	14 - 10	9 - 6	<6
	No	No	No	No	Yes	Yes	Yes

Community(s) Targeted (if applicable): Ebbs Chapel, Mars Hill

Action

Action	Planned Date	Completed Date	Funding Source	Activity to be Completed by
Talk to kids about fire prevention and safety	10/1/2013			

Notes:

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2 Project Name: Sheriffs Kick Off for a Safe Summer **Population Reached:** 1000

Project Description: County wide get together where the Sherriff's Office, Fire Departments, and NCFS share information with the communities on how to have a safe summer.

Age Group Targeted (select all that apply)	>50 Yes	50 - 35 Yes	34 - 20 Yes	19 - 15 Yes	14 - 10 Yes	9 - 6 Yes	<6 Yes
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Community(s) Targeted (if applicable): County wide

Action

Action	Planned Date	Completed Date	Funding Source	Activity to be Completed by
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Notes:

D. PREPAREDNESS ACTIONS

1 Preparedness Item: Chainsaw Training

Planning Office: NCFS & USFS

Preparedness Need: To train fire fighters on safe chainsaw operations to assist with wildfire suppression. Chainsaw Safety Review and or S-212

Preparedness Action

Category Other	Planned Date	Completed Date	Funding Source	Activity to be Completed by
Action				
To train fire fighters on safe chainsaw operations to assist with wildfire suppression.	6/8/2013	6/15/2013	NCFS & USFS	NCFS & USFS

Notes:

2 Preparedness Item: Ebbs Chapel Pumper Tanker & Tanker

Planning Office: NCFS & VFD

Preparedness Need: Replace aging equipment to better access steep roads and provide better structure protection for wildland fire suppression.

Preparedness Action

Category Equipment Purchase	Planned Date	Completed Date	Funding Source	Activity to be Completed by
Action				
Replace the ageing equipment located at the sub station to better access steep roads and provide better structure protection for wildland fire suppression. Currently on Request list for Pumper Tanker and a Tanker from FEPP program.	8/28/2012		FEPP	NCFS & VFD

Notes:

3 Preparedness Item: Fire Suppression Classes

Planning Office: NCFS and VFDs

Preparedness Need: To train volunteers in S-130, S-190, and L-180 for Wildland Fire Fighting

Preparedness Action

Category Other	Planned Date	Completed Date	Funding Source	Activity to be Completed by
Action				
To train volunteers in S-130, S-190, and L-180 for Wildland Fire Fighting	10/1/2013		NCFS	NCFS

Notes: Class is offered county wide with all VFD's encouraged to attend bi-annually.

North Carolina Community Wildfire Protection Plan

4 Preparedness Item: Wildland Fire Suppression for the VFDs

Planning Office: NCFS

Preparedness Need: Training new folks in wildland fire fighting with NCFS

Preparedness Action

Category	Other	Planned Date	Completed Date	Funding Source	Activity to be Completed by
Action		9/1/2013	1/1/2015	NCFS	NCFS

Notes:

5 Preparedness Item: Wildland Urban Interface

Planning Office: NCFS and VFDs

Preparedness Need: To train volunteers in the S-215 Wildland Urban Interface class. This fire district is a perfect place to utilize this class.

Preparedness Action

Category	Other	Planned Date	Completed Date	Funding Source	Activity to be Completed by
Action		10/1/2014		NCFS	NCFS

Notes: Could be a joint class with Mars Hill.

4) ADDITIONAL COMMENTS:

5) ATTACHMENTS: