



The Country Volunteer Fire Department Community Wildfire Protection Plan

AN ACTION PLAN FOR WILDFIRE MITIGATION

Date: 10/14/2013

Prepared By: Brian Mixon
Organization: North Carolina Forest Service

Contact Information:

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DOI Name: COUNTRY FD
DOI Number: NC10180982

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: Chris Sawyer
Address: 486 Church Rd
Hot Springs, NC 28743
Phone Number: 828-622-9775
E-Mail: chrsawy3@aol.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: 30 E Hwy 19 By-Pass
Burnsville, NC 28714
Phone Number: 828-208-7707
E-Mail:
Signature: _____ Signed? No

North Carolina Forest Service Representative

Name: Brian Mixon
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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>
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Mutual Aid

<u>Number</u>	<u>Name</u>
NC10095534	HOT SPRINGS

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**

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

Country Volunteer Fire Department

1) FIRE DISTRICT AND PRE-ATTACK INFORMATION

A. PRIMARY FIRE DEPARTMENT (PFD):

County: Madison **County ID Number:** 057
PFD Name: Country Volunteer Fire Department
PFD Latitude: 35.89893 **PFD Longitude:** -82.87842
PFD Street: 486 Church Road
City: Hot Springs **State:** NC **Zip Code:** 28743
PFD Mailing Address (if different than Street Address): 130 Campbell Dr
City: Hot Springs **State:** NC **Zip Code:** 28743
PFD Phone Number: 828-622-9775 **PFD Fax Number:** 828-622-9775
PFD Email Address: Chrsawy3@aol.com
Ground Directions: Take North West US 25-70 Hwy out of Hot Springs towards TN. At 3685 NW US 25-70 Hwy turn left onto Church Rd. Go about .5 mile to 486 Church Rd, station will be on the right.

B. PFD RESOURCE CAPACITY:

PERSONNEL

Number of Paid Firefighters:	0	Number of Volunteer Firefighters:	28
Number Trained in Wildland Fire:	12	Number Trained in Fire Prevention:	3
Number Trained in Hazard Assessment:	2	Number of Pick Up Firefighters (if Applicable):	1

EQUIPMENT

Apparatus Type	Description	Quantity
Generator (< 25 KW)	20 KW Station Back Up Power	1
Generator (< 25 KW)	3 KW Gas Portable	1
Generator (< 25 KW)	8 KW Gas Portable	1
Engine Type 6	Squad 14 300gal	1
Engine Type 2	Engine 14 1250gal	1
Engine Type 2	Engine 14-2 1500gal	1
Engine Type 2	Engine 14-1 750gal	1

C. INCIDENT PLANS AND INTELLEGEENCE

INCIDENT MANAGEMENT INFRASTRUCTURE LOCATION(S)

1 Incident Command Post (ICP): Country Fire Station
ICP Latitude: 35.89898 **ICP Longitude:** -82.87852
ICP Street Address: 486 Church Rd
City: Hot Springs **State:** NC **Zip Code:** 28743
Paved Parking Acres: 0 **Unpaved Parking Acres:** 1 **Entrances:** 1
Buildings: 2 **Indoor Square Footage:** 4500
☒ **Utilities (Water/Sewer)** ☒ **Telephone Service** ☒ **Internet Service**
Ground Directions: Take North West US 25-70 Hwy out of Hot Springs towards TN. At 3685 NW US 25-70 Hwy turn left onto Church Rd. Go about .5 mile to 486 Church Rd, station will be on the right.

Comments:

North Carolina Community Wildfire Protection Plan

1 Staging Area (SA): Fairview Loop

SA Latitude: 35.90165

SA Longitude: -82.85458

SA Street Address: 150 Fairview Loop

City: Hot Springs

State: NC

Zip Code: 28743

Paved Parking Acres: 0

Unpaved Parking Acres: 8

Entrances: 1

Buildings: 0

Indoor Square Footage: 0

☐ **Utilities (Water/Sewer)**

☐ **Telephone Service**

☐ **Internet Service**

Ground Directions: Take North West US 25-70 Hwy out of Hot Springs towards TN. At 1774 NW US 25-70 Hwy turn Right onto Fairview Loop. Field will be on the right.

Comments:

2 Staging Area (SA): Country Fire Station & Field

SA Latitude: 35.89917

SA Longitude: -82.87857

SA Street Address: 486 Church Rd

City: Hot Springs

State: NC

Zip Code: 28743

Paved Parking Acres: 0

Unpaved Parking Acres: 1

Entrances: 1

Buildings: 2

Indoor Square Footage: 4500

☒ **Utilities (Water/Sewer)**

☒ **Telephone Service**

☒ **Internet Service**

Ground Directions: Take North West US 25-70 Hwy out of Hot Springs towards TN. At 3685 NW US 25-70 Hwy turn left onto Church Rd. Go about .5 mile to 486 Church Rd, station will be on the right.

Comments:

3 Staging Area (SA): Plum Tree Holler Field

SA Latitude: 35.91570

SA Longitude: -82.90204

SA Street Address: 5100 NW US 25-70 HWY

City: Hot Springs

State: NC

Zip Code: 28743

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: Take North West US 25-70 Hwy out of Hot Springs towards TN. At about 5100 NW US 25-70 Hwy field will be on the left.

Comments:

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)

North Carolina Community Wildfire Protection Plan

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): Newport Medical Center
NMF Latitude: 35.96428 **NMF Longitude:** -83.18214 **Phone Number:** (423) 625-2200
NMF Street Address: 435 Second Street
City: Newport **State:** TN **Zip Code:** 37821
Trauma Center Level: NA ☐ **Facility Has Burn Unit** ☒ **Facility Has Air Service**
Medical Facility Type: Primary Care (Hospital)
Ground Directions: Coming out of Hot Springs Head southwest on Bridge St 144 ft
2. Take the 1st right onto US-25 N/US-70 W/Bridge St
Continue to follow US-25 N/US-70 W
Entering Tennessee 8.9 mi
3. Turn right onto TN-9 W/US-25 N/US-70 W/Dixie Hwy
Continue to follow TN-9 W/US-25 N/US-70 W 15.4 mi
4. Turn left onto Iris Pl 0.1 mi
5. Take the 3rd right onto 2nd St Destination will be on the 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): 75 - 99%
Average Road Grade: 10 - 19%
Maximum Road Grade: 20 - 44%
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

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.

North Carolina Community Wildfire Protection Plan

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.

Greenville-Green County Municipal Airpor

GCY

0

0

Latitude: 36.19299

Longitude: -82.81507



Has Fuel: Jet A



Has Fuel: Aviation Gasoline

Ground Directions: From Greeneville TN

Turn right onto W Main St 2.4 mi

Slight right onto TN-34 N/US-11E N/US-321 N 459 ft

Take the 1st left onto TN-93 N/Kingsport Hwy 1.4 mi

Turn left onto Airport Rd

Comments:

Elevation: 1608 ft. / 490.1 m (surveyed)

Variation: 04W (1990)

From city: 2 miles N of GREENEVILLE, TN

Airport Communications

CTAF/UNICOM: 122.7

WX AWOS-3: 128.425 (423-639-5081)

TRI CITY APPROACH: 119.25

TRI CITY DEPARTURE: 119.25

Runway 5/23

Dimensions: 6302 x 100 ft. / 1921 x 30 m

Surface: asphalt, in good condition

Weight bearing capacity: Single wheel: 22.0

Double wheel: 35.0

Runway edge lights: medium intensity

HELICOPTER LANDING ZONES

1 Helispot: Fairview Loop

Capacity: Type 1 - 3

Latitude: 35.90144

Longitude: -82.85489

North Carolina Community Wildfire Protection Plan

Ground Directions: Take North West US 25-70 Hwy out of Hot Springs towards TN. At 1774 NW US 25-70 Hwy turn right onto Fairview Loop. Field will be on the right.

Comments:

- 2 Helispot:** Country Fire Station Field **Capacity:** Type 1 - 3
Latitude: 35.90044 **Longitude:** -82.87846
Ground Directions: Take North West US 25-70 Hwy out of Hot Springs towards TN. At 3685 NW US 25-70 Hwy turn left onto Church Rd. Go about .5 mile to 486 Church Rd, Field will be on the right across from the Fire Station.

Comments:

- 3 Helispot:** Grassy Creek Field **Capacity:** Type 2 - 3
Latitude: 35.90042 **Longitude:** -82.89804
Ground Directions: Take North West US 25-70 Hwy out of Hot Springs towards TN. At 4063 NW US 25-70 Hwy turn left onto Grasse Creek Rd. Go about .8 mile and the field will be on the left.

Comments:

WATER RESOURCES

Percent of Fire District in reach of hydrants or connected to county water: 0 - 24%

- 1 Water Source:** French Broad River **Contact Telephone:**
Uses: **Ground:** No **Helicopter:** Yes **Fixed-Wing Use:** No
Type: River/Stream **Water Source Access:** Public
Latitude: 35.92570 **Longitude:** -82.88140
Ground Directions: Take North West US 25-70 Hwy out of Hot Springs towards TN. At 3172 NW US 25-70 Hwy turn right onto Lower Shut-in Rd. Go about 1 mile until you run into the river

Comments: The river runs the North end of the Fire District.

- 2 Water Source:** Plum Tree Holler Pond **Contact Telephone:**
Uses: **Ground:** Yes **Helicopter:** Yes **Fixed-Wing Use:** No
Type: Pond **Water Source Access:** Private
Latitude: 35.91625 **Longitude:** -82.89669
Ground Directions: Take North West US 25-70 Hwy out of Hot Springs towards TN. At 4982 NW US 25-70 Hwy turn right onto Plum Tree Holler Rd. Go about .2 mile and the pond will be on the right.

Comments:

- 3 Water Source:** Shut-in Creek **Contact Telephone:**
Uses: **Ground:** Yes **Helicopter:** No **Fixed-Wing Use:** No
Type: River/Stream **Water Source Access:** Private
Latitude: 35.90569 **Longitude:** -82.87226
Ground Directions: Take North West US 25-70 Hwy out of Hot Springs towards TN. At about 3100 NW US 25-70 Upper Shut-in Creek will be on the left and Lower Shut-in Creek will be on the right.

Comments: This is a creek that flows across the fire district. The only creek to use as water source in the district. There are multiple areas along the creek that you can access with a truck or a portable pump.

North Carolina Community Wildfire Protection Plan

D. COMMUNITY INFORMATION

FIRE DISTRICT SIZE & DEMOGRAPHICS

Estimated Acres: 12,396 Number of Lots: 531
Number of Structures: 400 Percentage Residential: 95%

Estimated Population Growth
(next 30 Years): Low

Majority Population is Full-Time: Yes NA 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: 1-2 Wildfires per year
Common Causes: Debris Burning
Area of Future Concern: Plum Tree Holler
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 wild fire history. Moderately steep terrain. Very dry river valley with hardwood litter.

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

B. COMMUNITIES AT RISK

1 Area Name: Plum Tree Holler Hazard Rating: High
Latitude: 35.91588 Longitude: -82.89805 Number of Homes: 8 Number of Lots: 23
Dominant Fuel Type: 9. Hardwood Litter Community Contact Person:
Address:
City: State: NC Zip Code:
Dominant Community Risk: This community lays above Hwy 25-70 where there is a threat from a fire coming from the road. Also the roads in this community area very washed out and narrow. Lots of Rhododendron in this community aslo.
Notes:

North Carolina Community Wildfire Protection Plan

Wildfire Hazard & Risk Assessment - Average Scores for Community

Means of Access		Vegetation		Roofing Assembly		Placement of Utilities	
Ingress and Egress	7	Predominant Veg.	20	Roof Composition	8	Placement of Utilities	3
Road Width	4	Fuel Clearance Zone	10	Building Construction		Total	
All-Season Road Cond.	7	Topography		Building Construction	8	Total Number of Scoresheets Completed	1
Fire Service Access	5	Slope	4	Building Setback	1	Total Points	106
Fire Service Turnaround	5	Additional Rating Factors		Available Fire Protection			
Street Signs	3	Miscellaneous	10	Water Source Avail.	5		
				Organized Response	1		
				Fixed Fire Protection	5		

Action Items

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Infrastructure Improvement				
Grade and resurface roads. Roads are in bad shape from water washing the surface away.		10/14/2013		Community

Notes:

Action	Category:	Planned Date	Completed Date	Activity to be Completed by
Infrastructure Improvement				
Install metal reflective signs at road intersections and at house individual locations.		10/14/2013		Fire Department

Notes:

C. FIRE PREVENTION PROGRAMS

1 Project Name: Hot Springs School Fire Prevention. **Population Reached:** School

Project Description: Talk to kids about prevention with Smokey and show them 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	No

Community(s) Targeted (if applicable): Hot Springs, Country, Laurel

Action

Action	Planned Date	Completed Date	Funding Source	Activity to be Completed by
Talk to kids about prevention with Smokey and show them equipment.	10/1/2013	10/31/2013	NCFS	NCFS

Notes:

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	50 - 35	34 - 20	19 - 15	14 - 10	9 - 6	<6
	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Community(s) Targeted (if applicable): County wide

Action

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

Notes:

North Carolina Community Wildfire Protection Plan

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: 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		10/18/2013	10/27/2013	NCFS	NCFS

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

3 Preparedness Item: Wildland Fire Suppression for the VFDs

Planning Office: NCFS

Preparedness Need: Training new Fire Department members in Wildland Fire Suppression.

Preparedness Action

Category	Other	Planned Date	Completed Date	Funding Source	Activity to be Completed by
Action					
To train new Fire Department members in Wildland Fire Suppression.		3/1/2013	3/26/2013	NCFS	NCFS

Notes:

4 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					
To train volunteers in S-215 for Wildland Fire Fighting in their increased Urban Interface.		10/1/2014		NCFS	NCFS

Notes: Could be a joint class with Mars Hill.

4) ADDITIONAL COMMENTS:

5) ATTACHMENTS: