

North Carolina Forest Service

Davie County Report Fiscal Year 2020 – 2021



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The mission of the North Carolina Forest Service is to protect, manage and promote forest resources for the citizens of North Carolina.





Forest Protection Fire Control



The North Carolina Forest Service has the responsibility of protecting state and privately owned forest land from wildfires. Our Fire Control program is managed on a cooperative basis with all 100 counties. The program consists of fire prevention efforts and programs, preparedness training with local VFD's and our pre-arranged fire crews, an aggressive suppression effort on all wildfires, and law enforcement follow-up on every fire.

Davie County Wildfires

	TOTALS
Wildfires	11 fires
Acres Burned	9.08 acres
Homes Protected (\$ Value)	8 (\$2,100,000)
Other Structures Protected	5 (\$85,000)
Homes Lost	0
Other Structures Lost	0
Homes Damaged	0
Other Structures Damaged	0
<u>Law Enforcement</u>	
Warnings Issued	4
Citations Issued	0
Warrants Issued	0
Suppression Costs	\$2,365
False Alarm Calls	26

Causes of Wildfires

Debris Burning.....	3
Miscellaneous.....	5
Incendiary.....	0
Machine Use.....	2
Campfires.....	0
Lightning.....	0
Smoking.....	1
Children.....	0
Railroad.....	0





NC Forest Service VFD Training

The North Carolina Forest Service provides several training opportunities to our rural Volunteer Fire Departments as well as other emergency service organizations. These trainings include national firefighter training and fire behavior, Incident Command System, Wildland Fire Suppression for VFD's, Class A Foam use, and Chainsaw Safety for VFD's. These trainings allows fire department personnel to be able to assist the NC Forest service in safely, efficiently, and effectively suppressing wildland fires while protecting citizen's property and our forest resources.

Davie County NCFS assists local fire departments with training as requested.

Classes Thought in FY 20-21

Fork VFD Station 15 Wildland Fire Suppression Course February 2021 for 12 training hours

Through the NC Forest Service 50/50 Grant Rural Volunteer Fire Departments can apply and purchase wildland fire PPE and equipment such as chainsaws, leaf blowers and radios.

FY20-21

Farmington VFD Station 23 was awarded \$4,387.67 in grant funds.

Cornatzer-Dulin VFD Station 19 was awarded \$4,676.50 in grant funds.

Center VFD Station 13 was awarded \$4,918.00 in grant funds.

Forest Protection Water Quality



Forest Practice Guidelines Related to Water Quality

FPG INSPECTIONS COMPLETED BY NCFS

Logging Inspections and Re-inspections.....	53 inspections
Number of Acres Inspected.....	1,381 acres
Best Management Practices Implemented	121 acres



In North Carolina, Forest Practice Guidelines (FPG's) are mandatory, statewide requirements defined by N.C. Administrative Code 15A NCAC 011 .0100 - .0209. All forestry-related, site-disturbing activities must comply with the FPGs if that activity is to remain exempt from permitting and other requirements specified in the North Carolina Sedimentation Pollution Control Act (SPCA) of 1973.

The N.C. Forest Service inspects logging sites each year to assess compliance with FPG's related to the following standards: Streamside Management Zones, Prohibition of Debris Entering Streams and Water bodies, Access Road and Skid Trail Stream Crossings, Access Road Entrances, Prohibition of Waste Entering Streams, Water bodies, and Groundwater, Pesticide Application, Fertilizer Application, Stream Temperature, and Rehabilitation of Project Site.

Forest Management



Forest Establishment

The NC Forest Service provides guidance to landowners of North Carolina, concerning establishing healthy trees, in order to produce forest products for our future generations. Forest establishment can be in the form of replanting trees on harvested timberland, planting trees on open fields no longer being used for agriculture, or allowing for natural regeneration of trees on harvested sites.

Forest Establishment in Davie County this fiscal year.

Acres of Forest Establishment Hand/Machine Planted337 acres

Number of trees planted146,932

Forest Management Plans

One of the many functions of the NC Forest Service is to develop sound forest management plans for the forest landowners of North Carolina. These plans are designed to help landowners meet their specific objectives they have for their property including timber production, soil and water protection, improving wildlife habitat, recreation and aesthetics. In July of 2014 the NC General Assembly directed the NC Board of Agriculture to require fees by NCFS in order to provide written woodland management plans to landowners.

- NCFS foresters prepared **27 plans on 1,165 acres** for Davie County landowners this fiscal year.



Forest Management



Tree Seedlings and Nurseries



The NC Forest Service operates two state nurseries in order to grow tree seedlings that are available to the citizens of North Carolina. Combined, the two state nurseries grow 40 to 50 different species of trees and annually produce around 16 million trees. Tree seedlings are available for purchase by landowners starting in July of each year, with deliveries made by local rangers in December through April. Davie County landowners ordered and local rangers delivered many seedlings to residents this past winter.

NCFS Staff in Davie County collect **904 lb.** of seed from trees in the County to produce seedlings that are provided to the public at cost



Prescribed Burning



Land managers now recognize that fire used in controlled situations can promote healthy natural ecosystems. A series of low intensity fires can thin crowded forests, resulting in less severe disease and pest outbreaks. Fire promotes native grasses and wildflowers and helps to regenerate oaks, which in turn increases wildlife populations. Controlled burns also reduce leaf litter and woody fuels that increase wildfire intensity. Fire, in the right place at the right time, is a land management tool that can offer numerous benefits for wildlife.

Prescribed fire is especially important in North Carolina due to the large amount of land lying in the Wildland/Urban Interface (WUI). NC has more WUI acres than any state in the country.

Prescribed Burns completed in Davie County this fiscal year

6 Prescribed Burns for Davie County Land Owners for a total of 162 Acres.

Fire Prevention Information And Education



Each year the NC Forest Service participates in and conducts educational programs for the citizens and schools of Davie County. These programs are conducted in order to promote forest fire prevention and to educate participants in the value of our forests and forest products in North Carolina.

This past fiscal year, Davie County conducted **13** Information and Education programs in the County.



Public Fire Education Day @ Center VFD #13



Arbor Day for Mocksville
Davie County's Only Tree City USA Member

On behalf of the NC Forest Service I would like to thank Davie County for the support of these great programs that benefit every Davie County Land Owner.

Sincerely; *Michael Huffman* NCFS Davie County