

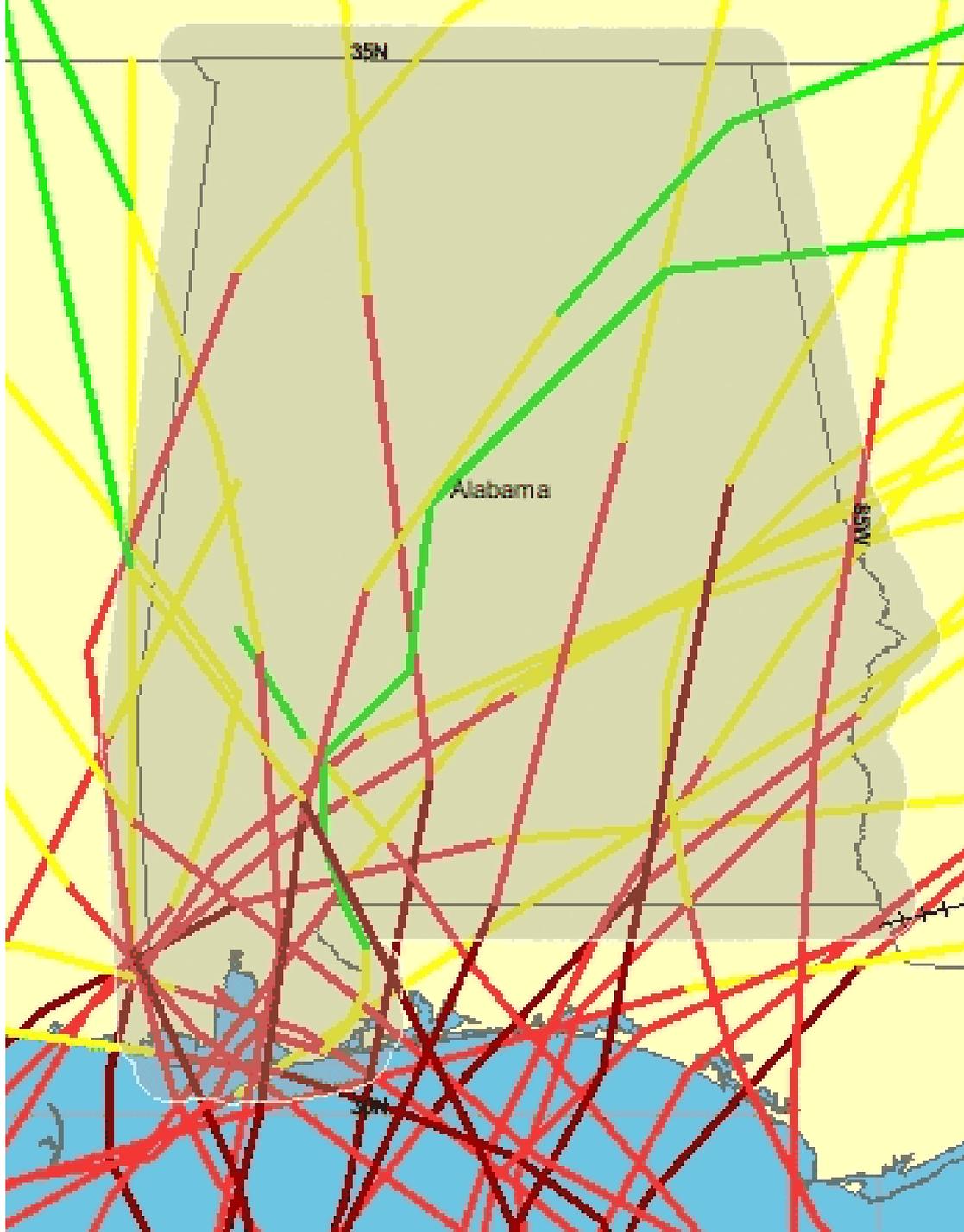


# Alabama's Response to Katrina

Presented By:  
Tim Albritton  
USDA-NRCS



**Alabama's History  
with  
Hurricanes**



This map shows all category 1 to 5 hurricanes whose centers have passed within 10 nautical miles of the state's boundary during the period 1851 to 2005.



Family  
Portrait

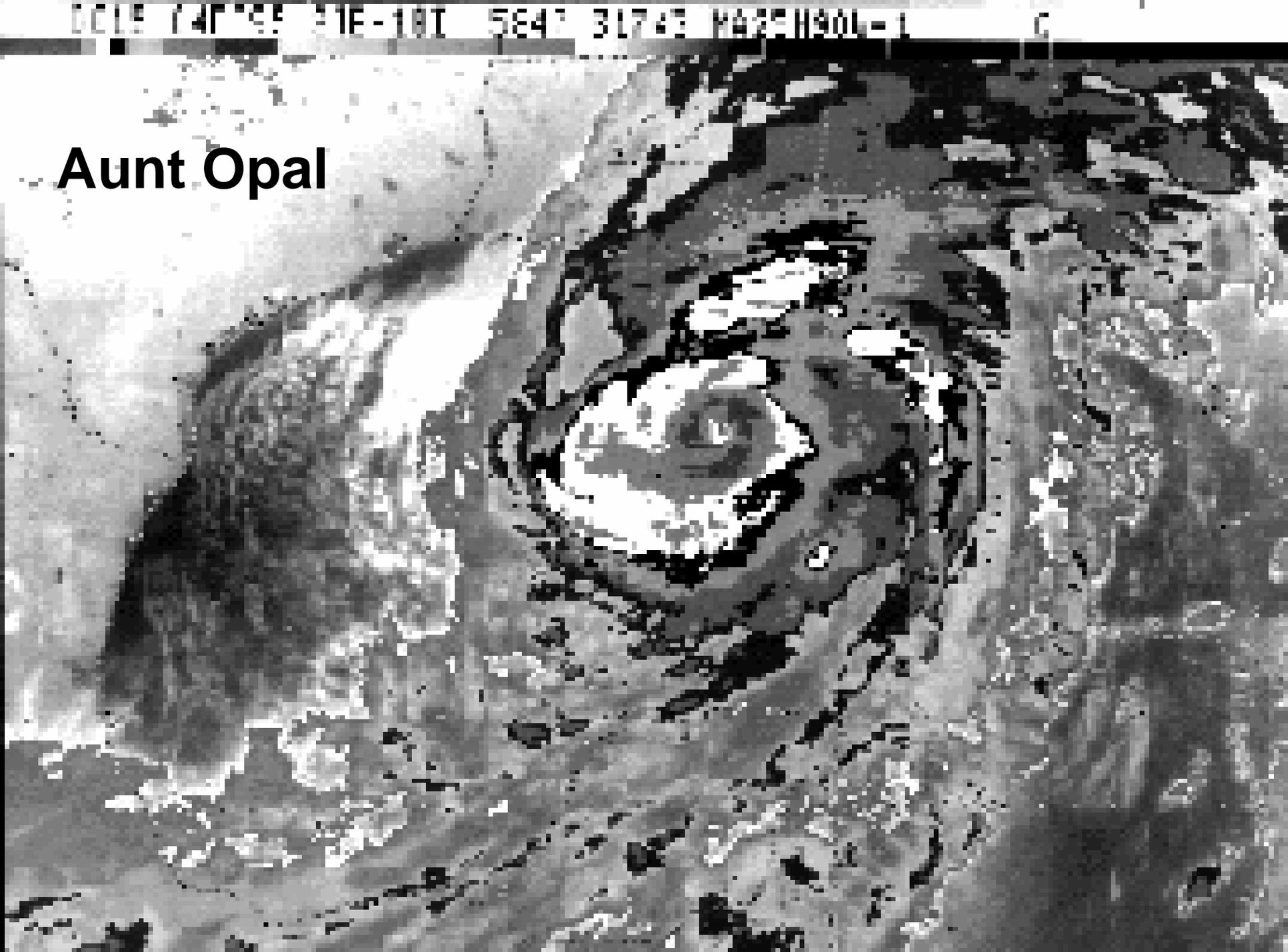


**Uncle Frederic**



# Brother Georges

**Aunt Opal**



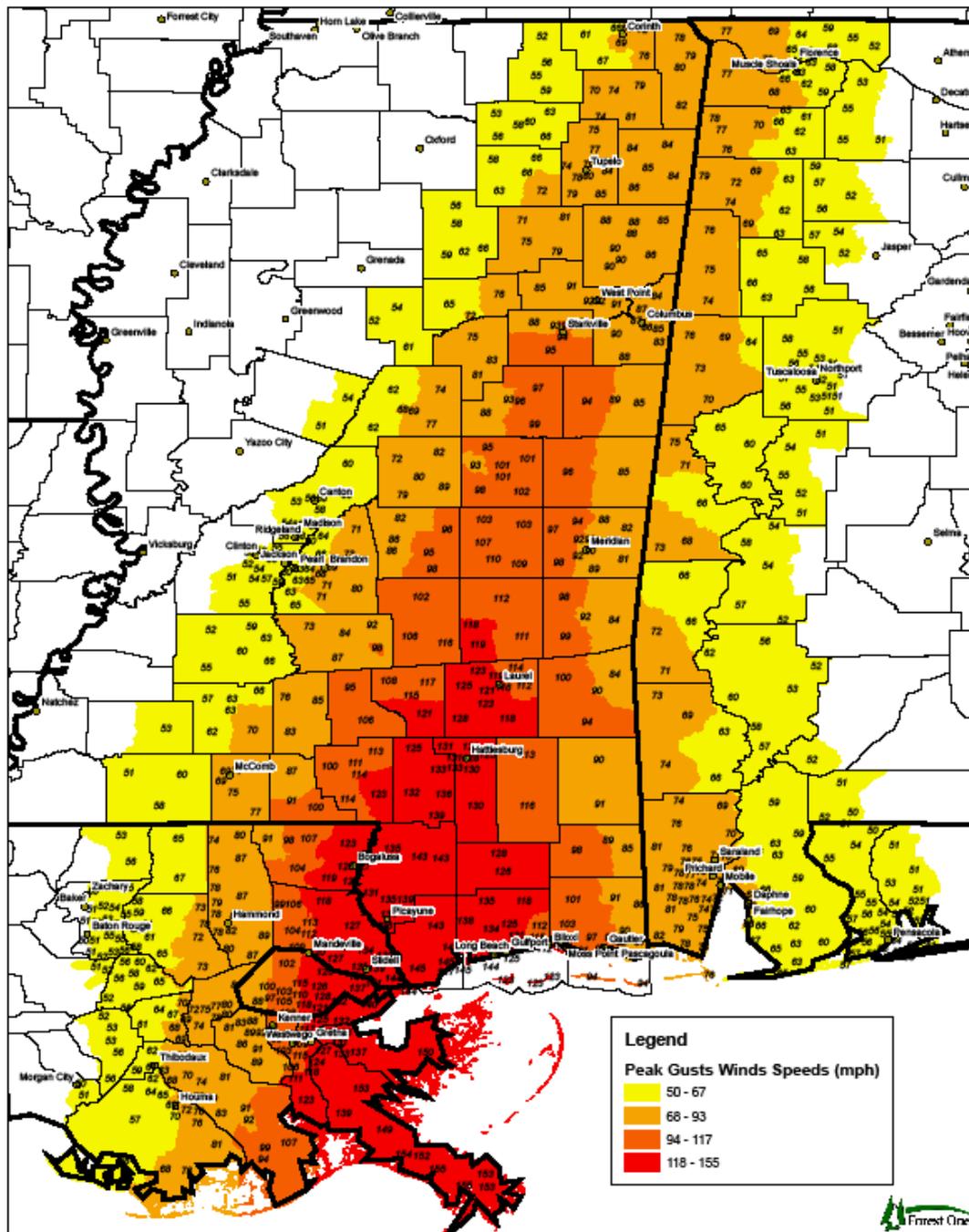
**Uncle Ivan**



# Sister Katrina



18 Aug 2005 - 4:17 PM - 01-19-00UTC



Hurricane Katrina Wind Speed Map For more information contact Clark Love at 601-594-0479.

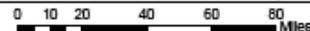
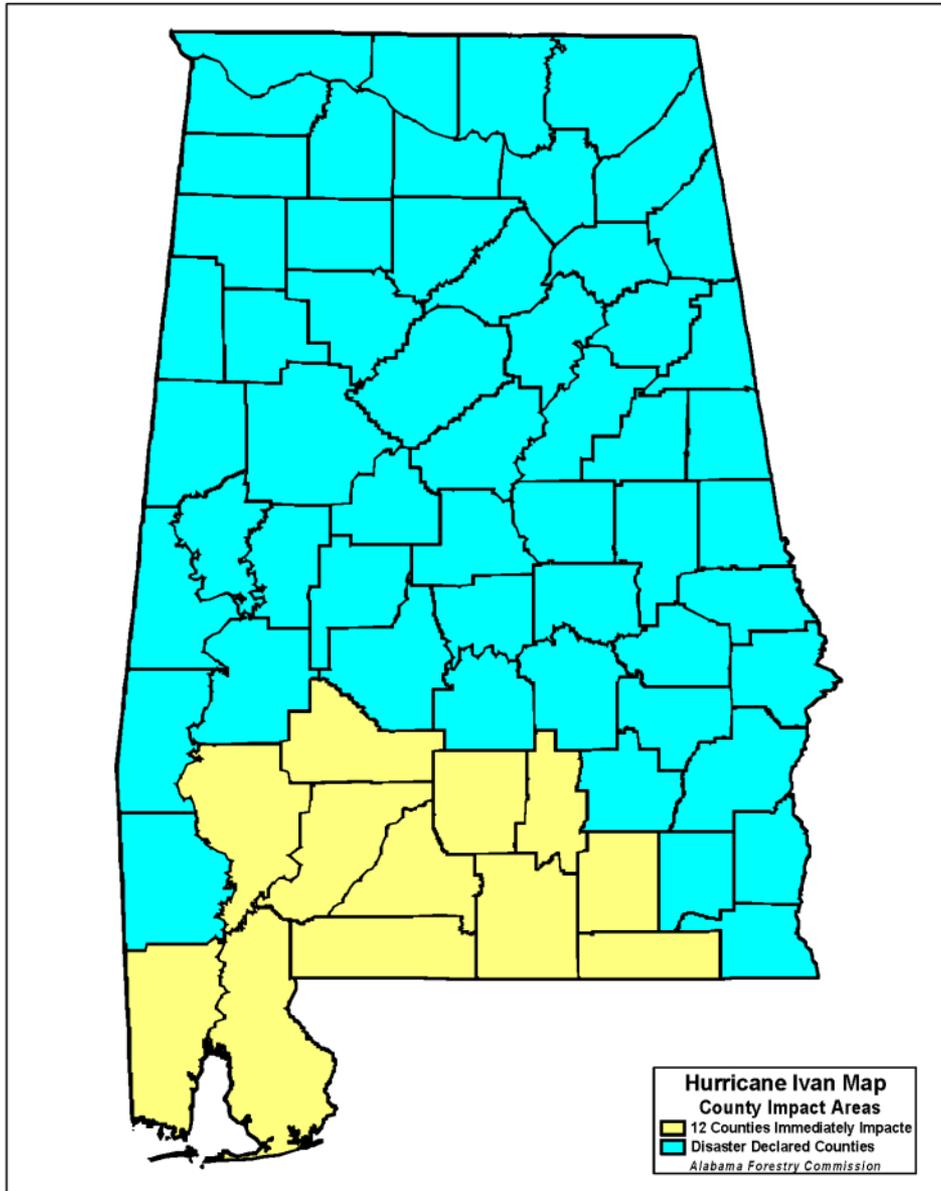


Figure 1: Hurricane Ivan Timber Damage Assessment Area Map



- Ivan in 04

# **Hurricane Recovery in Alabama Assisting Forest Landowners**

## **Emergency Watershed Protection (EWP) Downed Timber/Debris Removal Program**

**April 15, 2008**





Hurricane  
 Dennis -  
 FEMA  
 Designated  
 counties for  
 debris  
 removal and  
 emergency  
 protective  
 measures

Source: Disaster Summary for FEMA-1593-DR



Hurricane  
 Katrina -  
 FEMA  
 Designated  
 counties for  
 Disaster  
 Assistance

Source: Disaster Declaration FEMA-1605-DR



2005

# Hurricanes - FEMA Designated counties

Sources:

FEMA-1593-DR  
(Dennis)

FEMA-1605-DR  
(Katrina)



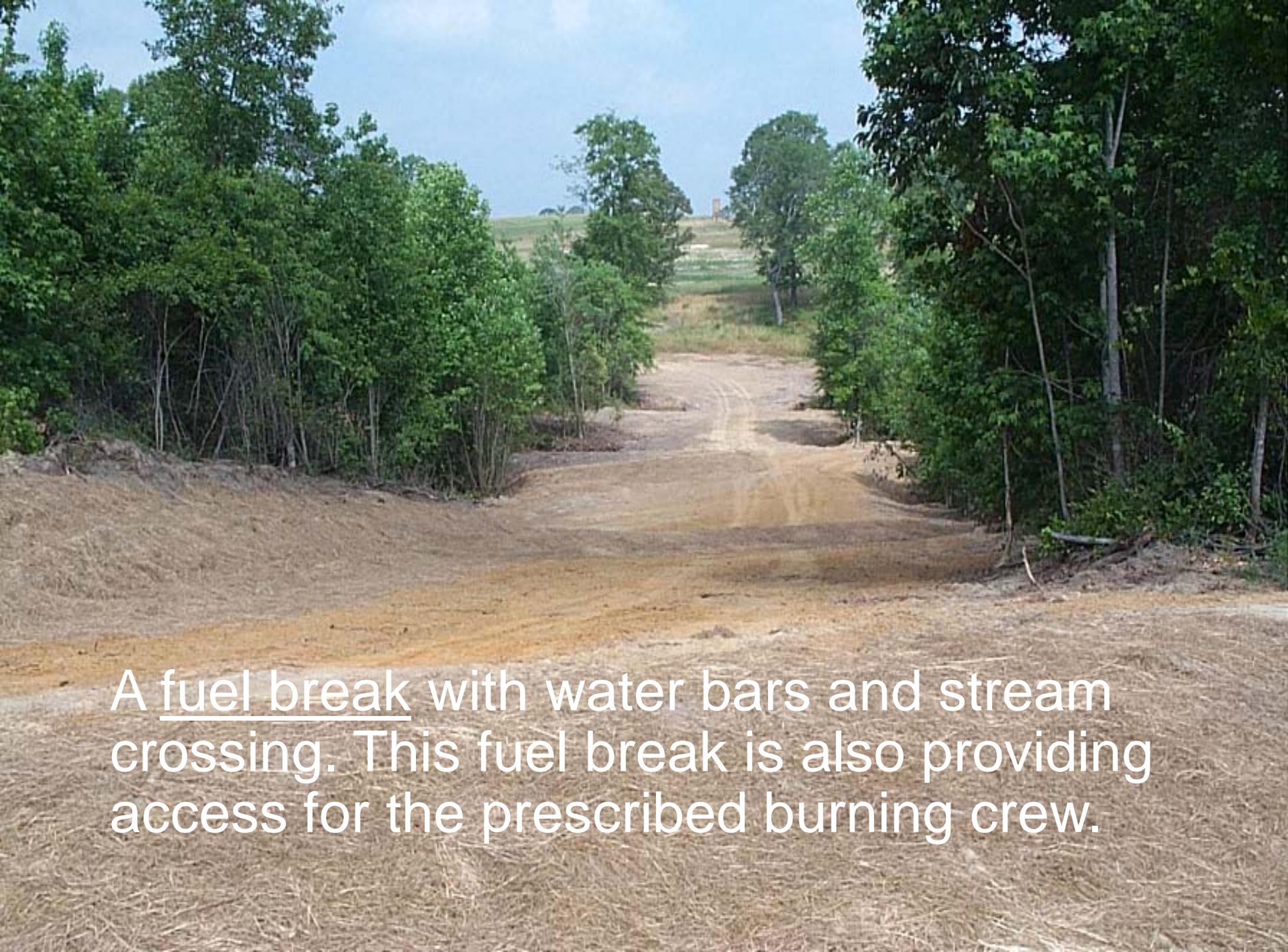
# AL EWP Debris Removal

Item	Completed	Remaining Work	Total
Acres	322,000	165,000	467,000
# of Contracts	945	711*	1656
Dollars	\$9,050,000	\$6,450,000	\$15,500,000

\* Some are partially complete

**A rock stream crossing installed because the watershed was too large for a regular sized culvert. This crossing is providing access to an additional 130 acres of forest land.**





A fuel break with water bars and stream crossing. This fuel break is also providing access for the prescribed burning crew.



- Young pine stands after first prescribed burn. The increased amount of forage on the forest floor is a secondary benefit to wildlife.



Heavy debris removal in a natural hardwood stand

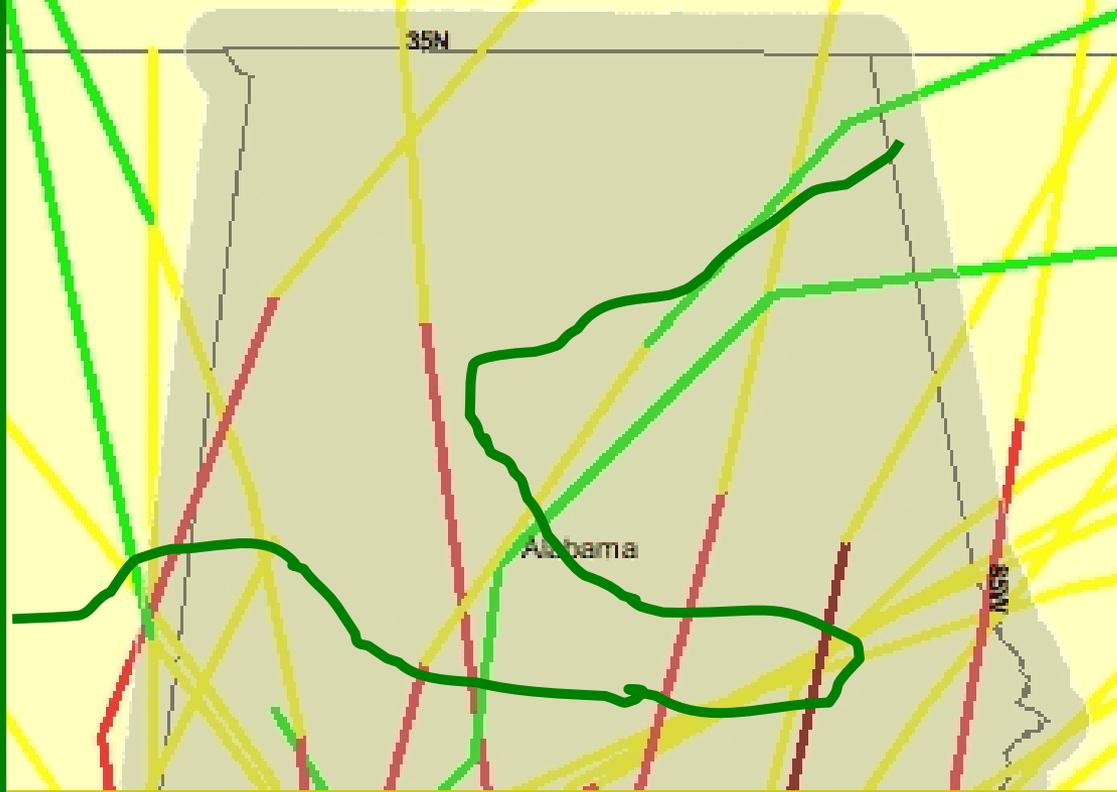
# Certified Burn Manager Workshops





# Preventive Measures

- Encourage Longleaf Pine Restoration



**Range of Longleaf Pine in Alabama**



The Longleaf pine historic range covers most of the hurricane prone areas in Alabama.

# Preventive Measures

- Encourage Longleaf Pine Restoration
- Assist with forest roads and stream crossings
- Encourage the development of biomass markets NOW, in the hurricane alleys

# Others Concerns from LA & MS

- Workman Compensation Insurance increased, can the Federal Gov. create an umbrella coverage plan?
- Timber ownership hard to distinguish due to obliterated property lines
- How to market downed timber?



**Questions**