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SOUTHEASTERN AREA
Forest Pest Status Report

March 1974

U. S. DEPT. OF AGRICULTURE
NATIONAL ACC.

APR 1 1975

SOUTHERN PINE BEETLE
Outbreak-Related Volumes Harvested

CATAL.

STATE	March		Fiscal Year 1974 Totals	
	State	Federal	State	Federal
ALABAMA	3,139 MBF 14,251 CCF	0 MBF 367 CCF	20,981 MBF 100,495 CCF	1,810 MBF 1,758 CCF
ARKANSAS	29 MBF 113 CCF	--- ---	227 MBF 1,130 CCF	--- ---
FLORIDA	0 MBF 0 CCF	--- ---	25 MBF 23 CCF	--- ---
GEORGIA	5,313 MBF ^{1/} 26,899 CCF ^{1/}	244 MBF 305 CCF	22,830 MBF 115,627 CCF	3,244 MBF 2,802 CCF
LOUISIANA	0 MBF 1 CCF	68 MBF 27 CCF	994 MBF 1,577 CCF	713 MBF 205 CCF
MISSISSIPPI	140 MBF 281 CCF	288 MBF 0 CCF	443 MBF 3,003 CCF	2,644 MBF 0 CCF
NORTH CAROLINA	7,151 MBF 8,174 CCF	1,109 MBF 2,082 CCF	30,740 MBF 46,149 CCF	2,023 MBF 6,019 CCF
SOUTH CAROLINA	0 MBF 6,090 CCF	788 MBF 699 CCF	4,377 MBF 85,888 CCF	2,759 MBF 3,021 CCF
TENNESSEE	250 MBF 0 CCF	0 MBF 163 CCF	351 MBF 86 CCF	524 MBF 863 CCF
TEXAS	<u>2/</u>	920 MBF 336 CCF	3,884 MBF ^{3/} 1,265 CCF	11,501 MBF 4,477 CCF
VIRGINIA	528 MBF 2,611 CCF	0 MBF 200 CCF	8,157 MBF 30,785 CCF	2,500 MBF 7,188 CCF
TOTAL	16,550 MBF	3,417 MBF	93,009 MBF	27,718 MBF
	58,420 CCF	4,179 CCF	386,028 CCF	26,333 CCF

Cordwood conversion: Cord equals 75 cubic feet.
 1/ Figures include salvage for both February and March.
 2/ Information not available.
 3/ Fiscal year total as of December 1973.

SOUTHEASTERN AREA

Forest Pest Status Report

April 1974

SOUTHERN PINE BEETLE

Outbreak-Related Volumes Harvested

STATE	April		Fiscal Year 1974 Totals	
	State	Federal	State	Federal
ALABAMA	2,388 MBF 20,411 CCF	0 MBF 0 CCF	23,369 MBF 120,906 CCF	1,810 MBF 1,758 CCF
ARKANSAS	72 MBF 246 CCF	--- ---	299 MBF 1,376 CCF	--- ---
FLORIDA	0 MBF 0 CCF	--- ---	25 MBF 23 CCF	--- ---
GEORGIA	107 MBF 2,409 CCF	331 MBF 154 CCF	22,937 MBF 118,036 CCF	3,575 MBF 2,956 CCF
LOUISIANA	0 MBF 0 CCF	16 MBF 38 CCF	994 MBF 1,577 CCF	729 MBF 243 CCF
MISSISSIPPI	70 MBF 384 CCF	124 MBF 0 CCF	513 MBF 3,387 CCF	2,768 MBF 0 CCF
NORTH CAROLINA	4,487 MBF 6,886 CCF	424 MBF 760 CCF	35,227 MBF 53,035 CCF	2,447 MBF 6,779 CCF
SOUTH CAROLINA	0 MBF 6,662 CCF	126 MBF 113 CCF	4,377 MBF 92,550 CCF	2,885 MBF 3,134 CCF
TENNESSEE	225 MBF 0 CCF	0 MBF 175 CCF	576 MBF 86 CCF	524 MBF 1,038 CCF
TEXAS	<u>1/</u>	1,277 MBF 389 CCF	3,384 MBF ^{2/} 1,265 CCF	12,778 MBF 4,866 CCF
VIRGINIA	1,602 MBF 3,362 CCF	0 MBF 105 CCF	9,759 MBF 34,147 CCF	2,500 MBF 7,293 CCF
TOTAL	8,951 MBF	2,298 MBF	101,460 MBF	30,016 MBF
	40,360 CCF	1,734 CCF	426,388 CCF	28,067 CCF

Cordwood conversion: Cord equals 75 cubic feet.

1/ Information not available.2/ Fiscal year total as of December 1973.

SOUTHEASTERN AREA

Forest Pest Status Report

May 1974

SOUTHERN PINE BEETLE

Outbreak-Related Volumes Harvested

STATE	May		Fiscal Year 1974 Totals	
	State	Federal	State	Federal
ALABAMA	1,988 MBF 2,201 CCF	0 MBF 48 CCF	25,357 MBF 123,107 CCF	1,810 MBF 1,806 CCF
ARKANSAS	19 MBF 171 CCF	--- ---	318 MBF 1,547 CCF	--- ---
FLORIDA	0 MBF 0 CCF	--- ---	25 MBF 23 CCF	--- ---
GEORGIA	1,345 MBF 5,714 CCF	236 MBF 151 CCF	24,282 MBF 123,750 CCF	3,811 MBF 3,107 CCF
LOUISIANA	48 MBF 1 CCF	4 MBF 2 CCF	1,042 MBF 1,578 CCF	733 MBF 245 CCF
MISSISSIPPI	304 MBF 781 CCF	251 MBF 0 CCF	817 MBF 4,168 CCF	3,019 MBF 0 CCF
NORTH CAROLINA	3,826 MBF 7,553 CCF	10 MBF 275 CCF	39,053 MBF 60,588 CCF	2,457 MBF 7,054 CCF
SOUTH CAROLINA	75 MBF 8,260 CCF	142 MBF 457 CCF	4,452 MBF 100,810 CCF	3,027 MBF 3,591 CCF
TENNESSEE	50 MBF 0 CCF	0 MBF 76 CCF	626 MBF 86 CCF	524 MBF 1,114 CCF
TEXAS	299 MBF 86 CCF	1,496 MBF 501 CCF	3,683 MBF 1,351 CCF	14,274 MBF 5,367 CCF
VIRGINIA	1,091 MBF 4,090 CCF	0 MBF 0 CCF	10,850 MBF 38,237 CCF	2,500 MBF 7,293 CCF
TOTAL	9,045 MBF	2,139 MBF	110,505 MBF	32,155 MBF
	28,857 CCF	1,510 CCF	455,245 CCF	29,577 CCF

Cordwood conversion: Cord equals 75 cubic feet.

FALL CANKERWORM

Three separate infestations of fall cankerworm, Alsophila pometaria Harr., occurred on the Wayah District of the Nantahala National Forest, North Carolina, during May and June 1974. Light to moderate defoliation resulted from the infestation on the Coweeta Experimental Forest and heavy (75% - 100%) defoliation occurred west of Franklin, N.C., on two spots of about 1,000 acres and 500 acres. These two infestations are in remote areas and will not require suppression measures.

Fall cankerworm infestations also occurred in Virginia. Defoliation was heavy in the Bull Run Mountain Area of Prince William County and in portions of Clarke County. Heavy defoliation occurred in spite of a high rate of parasitism. A limited amount of aerial spraying was done by a commercial tree company this spring. Suppression measures will probably be necessary over a wider area in 1975. (Virginia Division of Forestry).

SOUTHERN PINE BEETLE

In eastern Tennessee the outbreak shows a strong potential for increasing in 1974. The State is conducting aerial surveys and encouraging suppression measures in the outbreak areas. At least 100 spots were reported on the Central Peninsula State Forest in Union and Campbell Counties. (Tennessee Forest Pest Monitor). The outbreak has collapsed on the Hiwassee and Tellico Districts but has increased on the Nolichucky District of the Cherokee National Forest.

The Virginia Division of Forestry estimates that approximately 5 million acres of susceptible host type are involved in the outbreak. They report that the control program is going well and has helped to reduce the southern pine beetle population.

Recent surveys conducted by the South Carolina Commission of Forestry indicate that a large number of beetle infested trees exist in the 22 county outbreak area. The State found 2,425 spots containing 322,686 infested trees on their survey. They expect the outbreak to continue at a high level during 1974.

In North Carolina, the State Forest Service reported 7,000 actively infested spots. This was considered the worst situation for early spring ever encountered in the State.

Surveys conducted during May 1974 revealed declining southern pine beetle populations on the Angelina and Sabine National Forests, Texas; Kisatchie NF, Louisiana; and the Homochitto NF, Mississippi. However, subsequent service trips to all of these areas during June 1974 has shown that Districts are beginning to detect more infestations than in previous flights. The unusually late population buildup has been attributed in part to a cool spring with unusually high amounts of rainfall and very warm days during the month of June. Preliminary

aerial results from the National Forests in Alabama indicate that the southern portion of the Talladega NF is experiencing an increase in activity.

SEED ORCHARD INSECTS

Preliminary results from impact studies on the Ouachita Seed Orchard, Arkansas, indicate that a majority of the first year cones were destroyed by pine tip moth during the first two months of cone development.

DISEASES

A survey involving both limited field observations and sampling showed that a dieback of unknown cause had damaged 5 to 10 percent of a eucalyptus plantation near Lehigh Acres, Florida.

On May 1 a fumigation-fungicide study was established by the State of Georgia at the Page Forest Nursery with the Asheville Office of The Forest Pest Management Group providing technical assistance. The objective of the study is to control a nursery root rot disease. Losses from this disease amounted to \$7,000 at the Page Nursery in 1973.

Data taken in May 1974, on permanent evaluation plots in the Jefferson National Forest, Virginia, revealed that the incidence of white pine blister rust had increased since 1972 on one of the three areas examined. This evaluation will continue until 1980.

The air pollution problem is recurrent at the Beech Creek Seed Orchard again this year. The Seed Orchard Manager reported approximately 100 trees in the North Carolina white pine seed source with characteristic air pollution symptoms in mid-June, 1974.

More detailed information can be obtained by writing to the U.S. Forest Service, Forest Pest Management Group Field Offices or the Atlanta Office listed below:

P.O. Box 5895

Asheville, North Carolina 28803

2500 Shreveport Highway

Pineville, Louisiana 71360

Forest Pest Management

1720 Peachtree St., N.W. Room 702

Atlanta, Georgia 30309

U. S. DEPARTMENT OF AGRICULTURE

FOREST SERVICE

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