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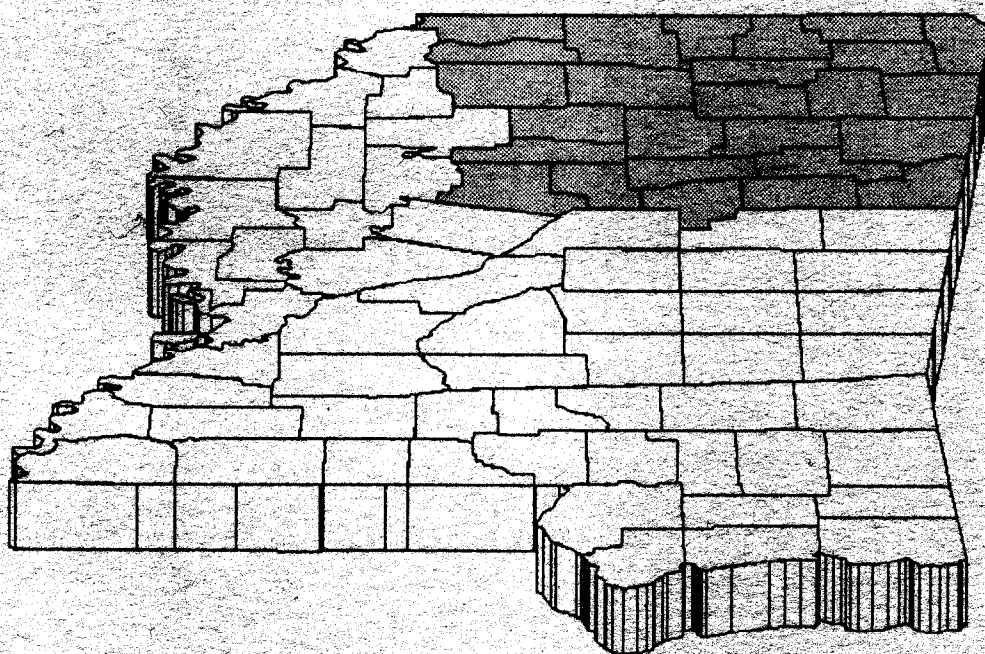
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# Forest Statistics for North Mississippi Counties-1987

John F. Kelly and F. Dee Hines



## SUMMARY

For the ten year period since the previous survey in 1977, the 1987 survey indicated the following changes:

- \* Timberland area increased by about 4 percent.
- \* Forest industry owned land increased by 11 percent.
- \* Pine forest types decreased by 14 percent.
- \* Oak-pine and oak-hickory forest types increased by 2 percent and 20 percent respectively.
- \* Sapling-seedling stands decreased by 8 percent; poletimber stands decreased by 9 percent.
- \* Sawtimber stands increased by 20 percent.
- \* Softwood growing stock volume increased by 9 percent.
- \* Hardwood growing stock volume increased by 21 percent.
- \* Net growth of softwood growing stock has decreased slightly-about 3 percent.
- \* Net growth of hardwood growing stock has increased by 17 percent.
- \* Removals of growing stock have increased by 84 percent; softwood removals have more than doubled, while hardwood removals have increased 49 percent.
- \* Mortality of growing stock has increased 51 percent; softwood mortality has surpassed hardwood mortality.

## FOREWORD

The Southern Forest Survey, an activity of the Southern Forest Experiment Station Forest Inventory and Analysis work unit, covers the States of Alabama, Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, and East Texas, and the island of Puerto Rico.

This survey is part of the nationwide Forest Survey originally authorized by the McSweeney-McNary Act of 1928. More recent legislation pertinent to the survey mission includes the Forest and Rangeland Renewable Resources Planning Act of 1974 and the Forest and Rangeland Renewable Resources Research Act of 1978. The survey mission is to develop, analyze, and maintain renewable forest resource information. This information is essential for formulation of forest policies and programs.

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\*Core tables are presented in response to the Southern Industrial Forestry Research Council's recommendations. These tables are identical among Forest Inventory and Analysis units in the eastern United States.

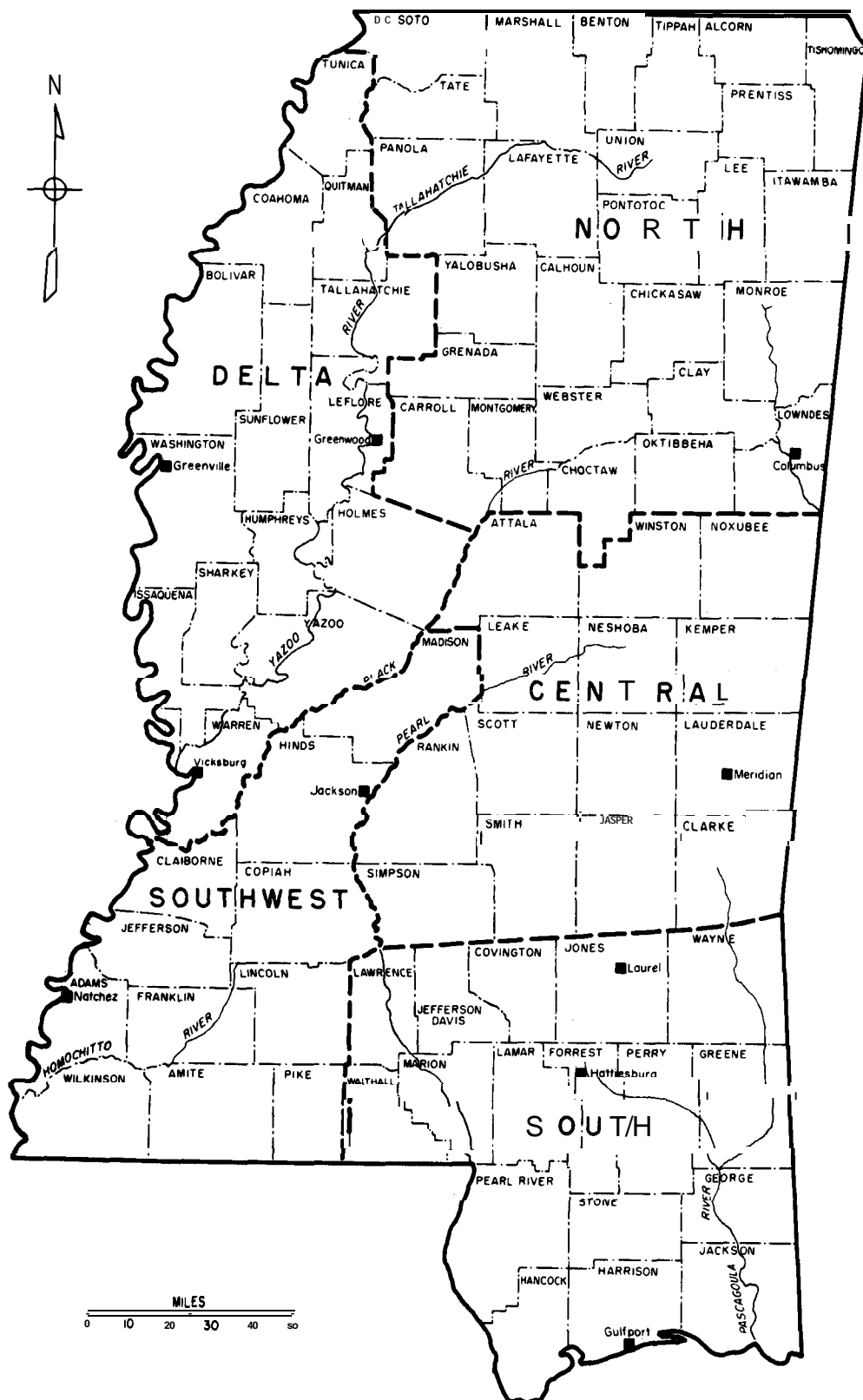


Figure 1.--The forest survey regions of Mississippi.

# Forest Statistics for North Mississippi Counties-1 9 8 7

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## INTRODUCTION

The tables in this report were derived from data obtained from an inventory of **26** counties comprising the North Unit of Mississippi (Fig. 1). The data on forest acreage and timber volume were secured by a three-step process. A forest-nonforest classification was accomplished on aerial photographs for points representing approximately 230 acres. These photo classifications were adjusted on the basis of ground observations at sample locations representing approximately 3,840 acres. Finally, forest locations at the intersections of a grid of lines spaced 3 miles apart were subjected to **on-the-ground** measurements. At these forest locations, per-acre estimates were obtained from trees measured on ten 37.5 basal area factor prism points.

The sampling methods were designed to achieve suitable sampling errors for estimates of area and volume at the State level. Sampling error increases as the area or volume considered decreases. The sampling errors presented in Table I, equal to one standard deviation for the sample data, may be used to construct confidence intervals for population parameters. For example, at the 95% confidence level, the confidence interval for growing-stock volume (in million cubic feet) in North Mississippi (with a sampling error of 3.1%) is

$$4,674.7 \pm 1.96(0.031 \times 4,674.7) = 4,674.7 \pm 284.0$$

where **1.96** is the number of standard deviations. This confidence interval indicates that the actual growing-stock volume lies in the range **4,390.7** to **4,958.7** million cubic feet, unless a **1** in 20 chance has occurred.

Sampling errors for sub-groups of counties in the unit may be estimated by the following:

$$SE_g = \frac{SE_t \sqrt{X_t}}{\sqrt{X_g}}$$

where:

SE = standard error of estimate  
(expressed as a percent)

X = variable of interest (area or volume)

**g** = group of counties to be combined

t = total for the unit

For comparative' purposes, the 1977 survey data, collected from the last complete forest survey of Mississippi, was reprocessed according to current procedures. These procedures included the reclassification of **151.3** thousand acres from reserved timberland to timberland, and the use of the same procedures for estimating growth and removals. Thus, differences between the 1977 and 1987 data should reflect resource changes and not data processing differences. The results from the reprocessed 1977 survey data were used for comparison to the 1987 data in the Highlights that follow.

## HIGHLIGHTS

### Timberland Area

Total timberland in Mississippi's North Unit has increased from **4,251.4** thousand acres in **1977** to **4,401.2** thousand acres in 1987. With this 4 percent increase in timberland the unit is now 53 percent forested.

Ownership of timberland shows a shift toward forest industry with an 11 percent increase, or 68.1 thousand acres, over 1977. The current forest industry ownership is 669.3 thousand acres; this includes land under **long-term** lease. Other private timberland increased

**Table I - Sampling errors<sup>1</sup> for timberland, growing stock, and sawtimber, North Mississippi, 1987**

County	Timberland	Growing stock			Sawtimber volume
		Volume	Growth	Removals	
		----- Percent -----			
Alcorn	2.0	11.5	10.4	26.7	17.5
Benton	2.8	16.2	18.0	35.2	20.1
Calhoun	1.2	9.3	11.3	15.5	13.3
Carroll	2.2	14.9	11.9	26.2	20.3
Chickasaw	2.6	17.1	15.2	(2)	20.1
Choctaw	2.4	14.9	10.3	16.6	20.7
Clay	2.1	13.8	19.9	15.1	18.3
De Soto	1.6	22.2	27.4	(2)	29.5
Grenada	3.2	18.2	17.8	38.7	23.0
Itawamba	3.1	15.6	9.1	15.1	21.2
Lafayette	1.9	10.3	9.7	18.5	14.8
Lee	2.5	24.2	29.6	33.5	34.4
Lowndes	3.6	20.2	19.7	11.5	27.3
Marshall	2.4	15.4	15.5	31.9	20.7
Monroe	2.3	8.8	10.9	16.1	12.0
Montgomery	2.7	15.2	15.0	20.8	19.4
Oktibbeha	2.7	12.5	13.3	28.7	15.5
Panola	1.9	15.0	27.3	35.2	21.0
Pontotoc	2.7	14.0	10.9	13.6	20.2
Prentiss	2.7	16.7	6.5	31.6	20.6
Tate	3.5	29.6	18.4	29.0	39.5
Tippah	2.9	10.8	11.2	28.3	14.8
Tishomingo	2.5	15.1	13.4	21.8	19.3
Union	3.6	26.9	20.6	37.3	34.2
Webster	2.6	11.3	15.0	17.2	16.1
Yalobusha	2.3	10.6	14.1	15.7	14.1
All counties	0.5	3.1	3.0	5.1	4.1

<sup>1</sup> By random-sampling formula.

<sup>2</sup> Sampling error greater than 50.

by **110.6** thousand acres, or **3** percent. Other ownership categories remained relatively stable.

Changes in several forest types have occurred since the 1977 survey. The oak-pine and oak-hickory types are up 2 percent and 20 percent respectively. Bottomland hardwoods showed a slight decrease of **41** thousand acres. A decrease in the loblolly-shortleaf type, down from **1,111.1** thousand acres in 1977 to **954.0** in 1987, a drop of 14 percent, could have implications for future pine timber supplies.

A maturing forest in North Mississippi is evident by changes in stand-size class. **Sawtimber** stands increased 20 percent from **1,618.0**

thousand acres to **1,934.0** thousand acres. On the other hand, sapling-seedling stands decreased by 8 percent, and poletimber stands decreased by 9 percent.

The decrease in sapling-seedling stands occurred in spite of an increase in plantation area. Planted stands increased **227.9** thousand acres, from **671.1** thousand acres in 1977 to **899.0** thousand acres in 1987.

### Number of Trees

The shift towards sawtimber stands is also reflected in the number of live trees. The

number of sapling-size softwood live trees has decreased 37 percent since the 1977 survey. The same change is seen in sapling-size hardwood live trees, which show a 21 percent decrease. This decline in number of live trees is evident up through the lo-inch class in both softwoods and hardwoods. Accordingly, both softwoods and hardwoods show an increase in the number of live trees in the larger size classes. This same trend is apparent in the number of **growing-stock** trees for both softwoods and hardwoods. However, the decline in sapling-size trees is even more pronounced at 45 percent for softwoods and 69 percent for hardwoods.

### Timber Volume

Softwood volumes have increased in the survey period from 1977 to 1987, although to a lesser degree than the pervious survey period. The 1977 survey shows an increase of 78 percent for growing-stock volume and 93 percent for sawtimber volume over the 1967 survey. The current survey shows softwood growing-stock volumes up 164.3 million cubic feet, or 9 percent since 1977. Sawtimber volume is up 27 percent, an increase from 5,909.0 million board feet in 1977 to 7,470.1 million board feet currently.

Conversely, hardwood volumes in 1987 are expanding at a greater rate than in the previous survey period. In 1977 hardwood volumes increased 18 and 27 percent for growing stock and sawtimber respectively. Hardwood growing-stock volume has increased 21 percent in 1987, from 2,250.5 million cubic feet to 2,718.9 million cubic feet. Hardwood sawtimber volume is now at 8,358.2 million board feet, a 36 percent increase from 6,158.4 million board feet in 1977.

The volume of cull trees has increased by 108.8 million cubic feet since 1977. Softwood cull volume has increased 75 percent to 70.4 million cubic feet. Hardwood cull volume has increased 14 percent to 661.6 million cubic feet.

### Growth, Removals, and Mortality

Average net annual growth of softwood growing stock is 122.1 million cubic feet. This is a small decrease of 3 percent from 125.6 million cubic feet in 1977. Average net annual growth on hardwood growing stock is currently at 115.2 million cubic feet, up 17 percent from 98.3 million cubic feet in 1977. The hardwood growth increase contributes to a 6 percent increase in total net growth.

Removals and mortality are up dramatically for softwoods since 1977. Softwood removals from growing stock jumped 117 percent to 109.6 million cubic feet from 50.4 million cubic feet in 1977. Average annual mortality of softwood is also up from 9.8 million cubic feet in 1977 to 21 million cubic feet.

Removals from hardwood growing stock, now at 72.5 million cubic feet, are up 49 percent from 48.7 million cubic feet measured by the previous survey. Hardwood mortality showed a small increase of 2.1 million cubic feet, or 13 percent, to 18.7 million cubic feet.

Tables 1-26 were developed to provide compatibility among Forest Inventory and Analysis Projects. Tables 26-36 are supplementary tables and may change from unit to unit or state to state to address specific resource issues.

### DEFINITION OF TERMS

**Average net annual growth.** — Average net annual volume increase for the inter-survey period.

**Average annual mortality.** — Average annual sound-wood volume of live trees dying from natural causes.

**Average annual removals.** — Average net annual volume of growing-stock trees removed from the inventory by harvesting, cultural operations (such as timber-stand improvement), land clearing, or changes in land use.

**Forest type.** — A classification of forest land based upon the species forming a plurality of live-tree stocking.

**Growing-stock trees.** — Live trees of commercial species. Rough and rotten trees are excluded.

**Growing-stock volume.** — The cubic-foot volume of sound wood in growing-stock trees at least 5.0 inches in diameter at breast height, from a 1-foot stump to a minimum 4.0-inch top diameter outside bark of the central stem, or to the point where the central stem breaks into limbs.

**Noncommercial species.** — Tree species of typically small size, poor form, or inferior quality which normally do not develop into trees suitable for industrial wood products.

**Poletimber trees.** — Growing-stock trees of commercial species at least 5.0 inches in diameter at breast height, but smaller than sawtimber size.

**Rotten trees.** — Live trees of commercial species that do not contain at least one 12-foot saw log, now or prospectively, primarily because of rot.

**Reserved timberland.** — Productive public forest land withdrawn from timber utilization through statute or administrative regulations.

**Rough trees.** — Live trees of commercial species that do not contain at least one 12-foot saw log, now or prospectively, primarily because of roughness or poor form. Also included are all live trees of noncommercial species.

**Sawtimber trees.** — Live trees that are of commercial species, contain at least a 12-foot saw log, and meet regional specifications for freedom from defect. Softwoods must be at least 9.0 inches in diameter at breast height and hardwoods at least 11.0 inches in diameter at breast height.

**Sawtimber volume.** — Sound-wood volume of the saw-log portion of live sawtimber trees in board feet, International 1/4-inch rule and in cubic feet.

**Site class.** — A classification of forest land in terms of inherent capacity to grow crops of industrial wood.

**Stand-size class.** — A classification of forest land based on the size class of growing-stock trees on the sampled area; that is, sawtimber, poletimber, or sapling and seedling.

**Timberland.** — Forest land that is producing, or is capable of producing, crops of industrial wood and not withdrawn from timber utilization. Timberland is synonymous with "commercial forest land" in prior reports.

**Tree grade.** — A classification of the volume of the saw-log portion of sawtimber trees, based on the log grade of the butt log.

**Woodland.** — Forest land incapable of yielding crops of industrial wood because of adverse site conditions.



Table 1 - *Area by county and land class, North Mississippi, 1987*

County	All land <sup>1</sup>	Forest land			Reserved timberland	Nonforest land
		Total	Timberland <sup>2</sup>	Woodland <sup>3</sup>		
		<i>Thousand acres</i>				
<b>Alcorn</b>	256.5	138.7	138.7	...	...	117.8
<b>Benton</b>	260.8	177.3	177.3	...	...	83.5
Calhoun	366.9	212.5	212.5	...	...	154.5
Carroll	405.6	223.8	223.8	...	...	181.8
Chickasaw	322.2	138.2	138.2	...	...	184.0
Choctaw	268.6	205.4	205.4	...	...	63.2
Clay	265.9	113.8	113.8	...	...	152.1
<b>De Soto</b>	309.0	93.6	93.6	...	...	215.4
Grenada	269.4	140.7	140.7	...	...	128.6
Itawamba	345.9	233.4	233.4	...	...	112.5
Lafayette	428.1	285.0	285.0	...	...	143.1
Lee	288.4	73.3	73.3	...	...	215.1
Lowndes	331.0	137.8	137.8	...	...	193.2
Marshall	453.6	243.1	243.1	...	...	210.5
Monroe	494.1	240.6	240.6	...	...	253.5
Montgomery	261.0	156.7	156.7	...	...	104.3
Oktibbeha	293.9	165.8	164.6	...	1.2	128.1
Panola	444.5	145.2	145.2	...	...	299.2
Pontotoc	319.4	146.3	146.3	...	...	173.1
Prentiss	267.2	151.9	151.9	...	...	115.3
Tate	259.6	82.7	82.7	...	...	176.9
Tippah	293.3	196.1	196.1	...	...	97.2
Tishomingo	277.7	193.7	193.7	...	...	84.0
Union	266.5	120.7	120.7	...	...	145.8
Webster	271.4	185.7	185.7	...	...	85.7
Yalobusha	305.7	200.6	200.6	...	...	105.1
<b>All counties</b>	8326.1	4402.4	4401.2	...	1.2	3923.7

<sup>1</sup> From U.S. Bureau of the Census.<sup>2</sup> Forest land (formerly termed commercial forest land) that is producing or capable of producing at least 20 cubic feet of industrial wood per acre per year. Includes areas which may be inaccessible or inoperable by current standards. Excludes reserved timberlands.<sup>3</sup> Forest land incapable of producing 20 cubic feet of industrial wood per acre per year under natural conditions because of adverse site condition.

**Table 2 — Area of timberland by county and ownership class, North Mississippi, 1987**

County	All ownerships	National forest	Misc. federal	State	County and municipal	Forest industry <sup>1</sup>	Farmer	Corporate <sup>2</sup>	Individual <sup>2</sup>
----- Thousand acres -----									
Alcorn	138.7	...	...	...	...	...	66.9	...	71.7
Benton	177.3	50.7	...	...	...	6.3	63.3	...	57.0
Calhoun	212.5	...	...	...	...	85.0	63.7	...	63.7
Carroll	223.8	...	...	...	...	32.9	32.9	6.6	151.4
Chickasaw	138.2	36.4	...	...	...	14.5	21.8	...	65.4
Choctaw	205.4	10.8	...	...	...	48.6	37.8	...	108.1
Clay	113.8	...	...	...	...	28.4	42.7	...	42.7
De Soto	93.6	...	15.6	...	7.8	...	31.2	...	39.0
Grenada	140.7	...	13.4	...	...	26.8	67.0	...	33.5
Itawamba	233.4	...	15.6	...	...	41.5	46.7	...	<b>129.7</b>
Lafayette	285.0	42.5	30.3	...	...	24.3	127.4	...	60.6
Lee	73.3	...	...	...	...	...	22.0	...	51.3
Lowndes	137.8	...	...	...	...	6.6	<b>19.7</b>	...	111.5
Marshall	243.1	60.8	20.3	...	...	...	54.0	...	108.1
Monroe	240.6	...	...	...	...	58.7	58.7	29.3	93.9
Montgomery	156.7	...	...	...	...	48.6	27.0	...	81.0
Oktibbeha	164.6	...	8.2	12.3	...	8.2	32.9	...	102.9
Panola	145.2	...	21.8	...	...	...	65.3	...	58.1
Pontotoc	146.3	...	...	...	...	18.3	42.7	...	85.3
Prentiss	<b>151.9</b>	...	5.2	...	...	15.7	52.4	...	78.6
Tate	82.7	...	6.9	...	...	...	6.9	...	68.9
Tippah	<b>196.1</b>	5.3	...	...	...	53.0	53.0	...	84.8
Tishomingo	<b>193.7</b>	...	6.7	...	...	40.1	13.4	...	133.6
Union	<b>120.7</b>	...	...	...	9.3	9.3	37.1	...	65.0
Webster	<b>185.7</b>	...	...	...	...	80.7	24.2	...	80.7
Yalobusha	200.6	21.7	27.1	...	5.4	21.7	97.6	...	27.1
<b>All counties</b>	<b>4401.2</b>	<b>228.0</b>	<b>171.1</b>	<b>12.3</b>	<b>22.5</b>	<b>669.3</b>	<b>1208.4</b>	<b>35.9</b>	<b>2053.7</b>

<sup>1</sup> Includes land leased to forest industry.

<sup>2</sup> Indian land will be classed as corporate or individual as defined by the Bureau of Indian Affairs.

**Table 3 – Area of timberland by county and forest type group, North Mississippi, 1987**

County	Forest type group									
	Longleaf-slash pine		Loblolly-shortleaf pine		o a k - Oak- pine hickory		Oak-gum- cypress	Elm-ash- cottonwood	Nontyped <sup>1</sup>	
	Total	Planted	Natural	Planted	Natural					
----- Thousand acres -----										
Alcorn	138.7	...	...	9.6	19.1	19.1	81.3	9.6	...	...
Benton	177.3	...	...	12.7	31.7	25.3	82.3	25.3	...	...
Calhoun	212.5	...	...	35.4	7.1	92.1	77.9	...	...	...
Carroll	223.8	...	...	13.2	32.9	32.9	111.9	32.9	...	...
Chickasaw	138.2	...	...	7.3	29.1	43.6	58.2	...	...	...
Choctaw	205.4	...	...	10.8	43.2	75.7	70.3	5.4	...	...
Clay	113.8	...	...	...	14.2	14.2	49.8	35.5	...	...
De Soto	93.6	...	...	...	...	7.8	62.4	15.6	7.8	...
Grenada	140.7	...	...	26.8	20.1	33.5	46.9	13.4	...	...
Itawamba	233.4	...	...	15.6	25.9	51.9	93.4	46.7	...	...
Lafayette	285.0	...	...	18.2	84.9	72.8	72.8	36.4	...	...
Lee	73.3	...	...	7.3	...	7.3	36.7	22.0	...	...
Lowndes	137.8	...	...	6.6	...	26.2	19.7	78.7	6.6	...
Marshall	243.1	...	...	27.0	13.5	47.3	67.5	74.3	13.5	...
Monroe	240.6	...	...	17.6	17.6	29.3	135.0	41.1	...	...
Montgomery	156.7	...	...	5.4	27.0	43.2	75.6	5.4	...	...
Oktibbeha	164.6	...	...	8.2	45.3	28.8	57.6	24.7	...	...
Panola	145.2	...	...	21.8	...	14.5	65.3	43.6	...	...
Pontotoc	146.3	...	...	12.2	18.3	36.6	73.1	6.1	...	...
Prentiss	151.9	5.2	...	10.5	15.7	36.7	73.3	10.5	...	...
Tate	82.7	...	...	6.9	...	6.9	68.9	...	...	...
Tippah	196.1	...	...	37.1	37.1	10.6	84.8	21.2	5.3	...
Tishomingo	193.7	...	...	26.7	33.4	40.1	73.5	20.0	...	...
Union	120.7	...	...	...	9.3	27.9	74.3	9.3	...	...
Webster	185.7	...	...	24.2	24.2	56.5	72.7	...	...	8.1
Yalobusha	200.6	...	...	10.8	32.5	48.8	92.2	16.3	...	...
All counties	4401.2	5.2	...	371.8	582.2	929.6	1877.2	593.9	33.2	8.1

<sup>1</sup> Timberland with no current stocking.

**Table 4 -- Area of timberland by county and stand-size class,  
North Mississippi, 1987**

County	Stand-size class				Nonstocked <sup>1</sup> areas
	All classes	Sawtimber	Poletimber	Sapling- seedling	
-----Thousand acres-----					
Alcorn	138.7	62.2	38.3	38.3	...
Benton	177.3	107.6	57.0	...	12.7
Calhoun	212.5	77.9	49.6	85.0	...
Carroll	223.8	118.5	59.2	39.5	6.6
Chickasaw	138.2	65.4	43.6	29.1	
Choctaw	205.4	86.5	70.3	48.6	
Clay	113.8	64.0	14.2	35.5	...
De Soto	93.6	62.4	15.6	7.8	7.8
Grenada	140.7	87.1	33.5	20.1	...
Itawamba	233.4	93.4	77.8	62.2	...
Lafayette	285.0	163.7	91.0	18.2	12.1
Lee	73.3	29.3	29.3	14.7	...
Lowndes	137.8	65.6	45.9	26.2	...
Marshall	243.1	87.8	81.0	60.8	13.5
Monroe	240.6	117.4	93.9	29.3	...
Montgomery	156.7	48.6	43.2	59.4	5.4
Oktibbeha	164.6	90.6	28.8	45.3	...
Panola	145.2	58.1	65.3	14.5	7.3
Pontotoc	146.3	30.5	61.0	54.9	...
Prentiss	151.9	52.4	57.6	41.9	...
Tate	82.7	34.4	13.8	27.6	6.9
Tippah	196.1	68.9	74.2	53.0	...
Tishomingo	193.7	73.5	80.1	26.7	13.4
Union	120.7	55.7	18.6	46.4	...
Webster	185.7	40.4	56.5	80.7	8.1
Yalobusha	200.6	92.2	59.6	48.8	
All counties	4401.2	1934.0	1359.0	1014.6	93.7

<sup>1</sup> Timberland less than 16.7 percent stocked.

**Table 5 — Area of timberland by county and site class,  
North Mississippi, 1987**

County	Site class (cubic feet/acre/year)					
	All classes	>165	120-165	85-120	50-85	<50
----- <i>Thousand acres</i> -----						
<b>Alcorn</b>	138.7	...	38.3	33.5	66.9	...
<b>Benton</b>	177.3	25.3	44.3	88.7	19.0	...
<b>Calhoun</b>	212.5	7.1	77.9	77.9	49.6	...
<b>Carroll</b>	223.8	46.1	65.8	72.4	39.5	...
<b>Chickasaw</b>	138.2	14.5	80.0	29.1	14.5	...
<b>Choctaw</b>	205.4	32.4	70.3	70.3	32.4	...
<b>Clay</b>	113.8	...	71.1	35.5	7.1	...
<b>De Soto</b>	93.6	23.4	15.6	46.8	7.8	...
<b>Grenada</b>	140.7	20.1	20.1	80.4	13.4	6.7
<b>Itawamba</b>	233.4	15.6	108.9	67.4	41.5	...
<b>Lafayette</b>	285.0	48.5	66.7	121.3	48.5	...
<b>Lee</b>	73.3	22.0	22.0	22.0	7.3	.
<b>Lowndes</b>	137.8	19.7	45.9	65.6	6.6	...
<b>Marshall</b>	243.1	13.5	47.3	155.3	27.0	...
<b>Monroe</b>	240.6	23.5	70.4	111.5	29.3	5.9
<b>Montgomery</b>	156.7	16.2	21.6	86.4	27.0	5.4
<b>Oktibbeha</b>	164.6	8.2	65.9	53.5	28.8	8.2
<b>Panola</b>	145.2	14.5	21.8	29.0	79.9	...
<b>Pontotoc</b>	146.3	6.1	36.6	79.2	24.4	.
<b>Prentiss</b>	151.9	15.7	36.7	41.9	57.6	...
<b>Tate</b>	82.7	27.6	13.8	27.6	13.8	.
<b>Tippah</b>	196.1	10.6	31.8	111.3	42.4	...
<b>Tishomingo</b>	193.7	6.7	66.8	100.2	20.0	...
<b>Union</b>	120.7	9.3	37.1	65.0	9.3	.
<b>Webster</b>	185.7	8.1	40.4	104.9	32.3	...
<b>Yalobusha</b>	200.6	27.1	48.8	81.3	43.4	...
All counties	4401.2	461.8	1265.7	1858.1	789.4	26.2

**Table 6 - Area of timberland by county and stocking *classes* of growing-stock trees, North *Mississippi*, 1987**

County	Stocking class (percent)					
	All classes	>130	100-130	60-100	16.7-60	<16.7
<i>----- Thousand acres -----</i>						
<b>Alcorn</b>	138.7	...	19.1	90.9	28.7	...
<b>Benton</b>	177.3	...	25.3	120.3	19.0	12.7
Calhoun	212.5	28.3	7.1	134.6	42.5	...
Carroll	223.8	...	26.3	125.1	65.8	6.6
Chickasaw	138.2	7.3	14.5	94.5	21.8	...
Choctaw	205.4	5.4	43.2	129.7	27.0	...
Clay	113.8	...	21.3	56.9	35.5	...
<b>De Soto</b>	93.6	...	15.6	39.0	31.2	7.8
Grenada	140.7	6.7	46.9	67.0	20.1	...
Itawamba	233.4	5.2	72.6	124.5	31.1	...
Lafayette	285.0	6.1	72.8	157.7	36.4	12.1
Lee	73.3	...	22.0	22.0	29.3	...
Lowndes	137.8	...	13.1	78.7	45.9	...
Marshall	243.1	6.8	27.0	87.8	108.1	13.5
Monroe	240.6	...	58.7	123.2	58.7	...
Montgomery	156.7	...	27.0	70.2	54.0	5.4
Oktibbeha	164.6	4.1	28.8	98.8	32.9	...
Panola	145.2	7.3	14.5	79.9	36.3	7.3
<b>Pontotoc</b>	146.3	18.3	36.6	73.1	18.3	...
Prentiss	151.9	...	21.0	89.1	41.9	...
Tate	82.7	...	13.8	27.6	34.4	6.9
Tippah	196.1	5.3	37.1	106.0	47.7	...
Tishomingo	193.7	6.7	33.4	106.9	33.4	13.4
Union	120.7	...	27.9	65.0	27.9	...
Webster	185.7	24.2	40.4	80.7	32.3	8.1
Yalobusha	200.6	5.4	43.4	130.1	21.7	...
All counties	4401.2	137.0	809.4	2379.2	982.0	93.7

Table 7 – *Area of timberland by forest type and ownership class, North Mississippi, 1987*

Forest type <sup>1</sup>	All ownerships	National forest	Other public	Forest industry	Forest industry- leased	Other private
<b>----- Thousand acres -----</b>						
Longleaf-slash pine	5.2	...	...	...	...	5.2
Loblolly-shortleaf pine	954.0	67.1	21.0	225.2	11.7	628.9
Softwood total	959.2	67.1	21.0	225.2	11.7	634.1
Oak-pine	929.6	61.3	27.5	173.2	5.4	662.2
Oak-hickory	1877.2	87.4	64.9	192.4	11.7	1520.7
Oak-gum-cypress	593.9	5.4	77.9	36.1	...	474.4
Elm-ash-cottonwood	33.2	6.8	14.6	5.3	...	6.6
Hardwood total	3433.9	160.9	184.9	407.1	17.1	2663.9
Nontyped <sup>2</sup>	8.1	...	...	8.1	...	...
All types	4401.2	228.0	205.9	640.4	28.9	3298.0

<sup>1</sup> Forest type is based on species plurality of all live trees. Mixed types that in combination contain a majority of hardwood stocking are hardwood types.

<sup>2</sup> Timberland with no current stocking.

Table 8 – *Area of timberland by ownership and stocking classes of growing-stock trees, North Mississippi, 1987*

Ownership class	Stocking class (percent)					
	All classes	>130	100-130	60-100	16.7-60	<16.7
<b>----- Thousand acres -----</b>						
National forest	228.0	6.8	26.4	168.7	19.4	6.8
Other public	205.9	...	20.2	136.0	28.6	21.1
Forest industry	640.4	79.9	183.0	243.0	120.9	13.5
Forest industry-leased	28.9	5.4	5.9	17.6	...	...
Other private	3298.0	44.9	573.9	1813.8	813.1	52.3
All ownerships	4401.2	137.0	809.4	2379.2	982.0	93.7

Table 9 - **Area of timberland by forest type and stand-size class,  
North Mississippi, 1987**

Forest type <sup>1</sup>	All classes	Stand-size class			Nonstocked <sup>2</sup> areas
		Sawtimber	Poletimber	Sapling- seedling	
----- <b>Thousand acres</b> -----					
Longleaf-slash pine	5.2	...	5.2	...	...
Loblolly-shortleaf pine	954.0	492.6	290.1	164.7	6.6
Softwood total	959.2	492.6	295.4	164.7	6.6
Oak-pine	929.6	354.3	298.7	276.2	.
Oak-hickory	1877.2	767.4	585.9	485.2	38.7
Oak-gum-cypress	593.9	319.2	172.2	76.7	25.7
Elm-ash-cottonwood	33.2	...	6.8	11.9	14.6
Hardwood total	3433.9	1441.4	1063.6	849.9	79.0
Nontyped <sup>3</sup>	8.1	...	...	...	8.1
AU types	4401.2	1934.0	1359.0	1014.6	93.7

<sup>1</sup> Forest type is based on species plurality of all live trees. Mixed types that in combination contain a majority of hardwood stocking are hardwood type.

<sup>2</sup> Timberland less than 16.7 percent stocked.

<sup>3</sup> Timberland with no current stocking.



10 - Number of live trees on timberland by species and diameter class, North Mississippi, 1987

	Diameter <b>class</b> (inchw <b>at breast</b> height)															
<b>Species</b>	<b>All classes</b>	<b>1.0- 2.9</b>	<b>3.0- 4.9</b>	<b>5.0- 6.9</b>	<b>7.0- 8.9</b>	<b>9.0- 10.9</b>	<b>11.0- 12.9</b>	<b>13.0- 14.9</b>	<b>15.0- 16.9</b>	<b>17.0- 18.9</b>	<b>19.0- 20.9</b>	<b>21.0- 22.9</b>	<b>23.0- 24.9</b>	<b>25.0- 26.9</b>	<b>27.0- 28.9</b>	<b>28.9 larger</b>
-----Thousand trees-----																
<b>Longleaf-slash pines</b>	1007	...	480	128	210	140	29	14	...	...	...	...	...	...	...	...
Shortleaf-loblolly pine	463833	142266	111807	73784	68097	31426	20187	9812	4800	2280	928	562	30	...	...	...
<b>Cypress</b>	2742	619	1176	127	221	<b>313</b>	62	41	68	66	13	34	<b>14</b>	...	...	...
Other roftwoob	84670	67214	17096	6667	2168	937	419	284	...	16	...	9	...	...	...	...
<b>Total softwoods</b>	642262	200089	130818	80696	68686	32822	20898	10131	4668	2368	941	<b>605</b>	43	...	...	...
Select white oakr	127114	66791	<b>27130</b>	13040	6984	4320	3166	2696	1986	1012	622	638	62	...	...	...
Select red <b>oaks</b>	<b>44864</b>	24230	6844	3827	2974	1437	1766	1287	1136	673	242	473	84	...	...	...
Other white <b>oaks</b>	76979	31103	14882	8190	7667	6328	<b>3764</b>	2441	1200	630	307	373	93	...	...	...
Other red oaks	212403	101688	38107	21699	16977	12201	8699	6681	3820	1914	1130	1364	233	...	...	...
Hickory	167908	108018	23763	9686	6072	4276	3086	2077	820	618	289	280	23	...	...	...
Hard maple	4304	3291	638	279	146	...	39	...	11	...	...	...	...	...	...	...
Soft maple	182280	131178	36110	8616	3917	1424	1042	632	221	116	<b>60</b>	<b>60</b>	<b>4</b>	...	...	...
Beech	8408	4303	498	671	82	231	76	92	88	124	40	193	14	...	...	...
<b>Sweetgum</b>	417789	<b>249485</b>	88216	41367	17784	10866	4883	2720	1316	681	226	346	...	...	...	...
<b>Tupelo-blackgum</b>	112192	88262	9491	6604	4443	1982	1188	701	401	102	76	49	3	...	...	...
Ash	62924	34462	8006	4846	2397	1769	1123	292	168	48	10	33	...	...	...	...
Cottonwood-aspen	69	...	...	...	...	...	36	30	...	...	...	...	4	...	...	...
Basswood	113	...	...	77	...	...	36	...	...	...	...	...	...	...	...	...
Yellow-poplar	<b>43899</b>	28708	4202	4403	2043	1191	896	1073	628	296	164	261	37	...	...	...
Black walnut	1487	612	...	492	126	160	33	20	19	16	20	...	...	...	...	...
Other <b>hardwoods</b>	807180	440970	122618	24136	8619	4986	2437	1829	884	286	306	284	46	...	...	...
<b>Total hardwoods</b>	2046913	1311981	379302	148432	78132	60130	32268	21469	12888	6314	3391	4244	693	...	...	...
Noncommercial	169230	114968	28748	8927	3818	1676	484	227	266	81	44	10	...	...	...	...
All species	2748396	1627028	638888	236964	140836	84628	63438	31828	17679	8763	4377	4869	637	...	...	...

**Table 11** – Number of growing-stock trees on timberland by species and diameter class, North Mississippi, 1987

Species	Diameter class (inches at breast height)												
	All classes	1.0- 2.9	3.0- 4.9	5.0- 0.9	7.0- 8.9	9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 & larger
-----Thousand trees-----													
Longleaf-slashpines	1007	...	480	128	210	146	29	14	...	...	...	...	...
Shortleaf-loblollypine	368219	92742	88927	05275	52967	30584	19933	9683	4521	2201	878	499	8
cypress	1327	...	619	127	221	150	62	22	42	24	13	34	14
Other softwoods	54950	35995	10900	5374	1655	582	277	151	...	16	...	...	...
Total softwoods	425503	128737	100926	70903	55053	31462	20301	9870	4563	2241	891	533	22
Select white oaks	61780	16120	15668	11063	6497	4161	2684	2200	1699	889	367	427	6
Select red oaks	19505	4976	3339	2827	2554	1325	1409	1163	955	428	188	317	24
Other white oaks	34231	5419	6085	5957	6061	4092	2977	1837	1009	390	220	176	9
Other red oaks	106069	23147	23095	16728	14402	10979	7219	4478	3091	1365	752	787	27
Hickory	62211	27079	15059	6680	4095	3815	2517	1624	634	402	148	146	12
Hard maple	1617	604	638	279	146	...	39	...	11	...	...	...	...
Soft maple	45022	21872	14269	4864	2116	708	682	328	86	62	29	6	...
Beech	1708	486	...	546	82	199	75	69	70	83	12	86	...
Sweetgum	182408	69743	49287	30905	14915	9649	3942	2197	974	397	180	220	...
Tupelo-blackgum	15720	5201	2119	2123	2929	1670	908	409	259	56	23	23	...
Ash	15901	5921	2189	2970	2188	1453	866	211	71	14	...	18	...
Cottonwood-aspen	69	...	...	...	...	...	35	30	...	...	...	...	4
Basswood	113	...	...	77	...	...	36	...	...	...	...	...	...
Yellow-poplar	29781	17411	3142	3455	1829	1023	796	917	565	282	111	218	33
Black walnut	651	...	...	492	62	...	33	20	19	15	11	...	...
Other hardwoods	121934	55273	44092	11177	4976	2797	1341	1288	494	184	163	118	29
Total hardwoods	698720	253249	178881	100143	62851	41871	25558	16770	9939	4568	2206	2541	144
AU species	1124223	381986	279807	171047	117904	73333	45859	26641	14502	6808	3097	3074	166

Table 12 - Volume of growing stock on timberland by species and diameter class, North Mississippi, 1987

Species	Diameter class (inches at breast height)										
	All classes	5.0- 6.9	7.0- 8.9	9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 & larger
----- Million cubic feet -----											
Longleaf-slash pines	4.0	0.2	1.4	1.5	0.4	0.5	...	...	...	...	...
Shortleaf-loblolly pine	1908.6	171.8	334.2	375.1	375.8	272.0	171.8	109.0	55.2	42.6	1.2
Cypress	12.8	0.3	1.5	1.8	0.8	0.3	1.1	0.9	0.3	3.2	2.5
Other softwoods	30.3	10.0	8.5	5.0	3.3	2.9	...	0.6	...	...	...
Total softwoods	1955.7	182.3	345.6	383.4	380.4	275.7	172.9	110.4	55.6	45.8	3.7
Select white oaks	370.2	28.1	41.6	46.1	47.6	57.1	59.2	38.0	20.1	31.1	1.2
Select red oaks	172.5	7.1	15.7	13.6	25.1	28.6	30.7	17.2	9.4	21.0	4.0
Other white oaks	228.0	14.7	30.3	38.4	43.5	37.7	27.9	14.1	9.8	10.3	1.2
Other red oaks	712.3	43.7	85.6	117.2	117.2	102.9	93.5	53.5	38.8	57.0	3.0
Hickory	217.4	15.3	22.5	37.9	39.7	40.7	22.6	17.5	8.3	12.0	0.9
Hard maple	2.5	0.8	0.7	...	0.7	...	0.4	...	...	...	...
Soft maple	56.0	11.4	12.5	7.1	10.9	7.4	2.5	2.2	1.4	0.7	...
Beech	19.6	0.9	0.3	2.1	1.0	1.6	2.3	3.9	0.6	6.8	...
Sweetgum	472.0	68.0	82.1	105.3	70.9	57.7	37.8	20.0	11.4	18.9	...
Tupelo-blackgum	75.8	4.7	15.8	18.1	15.4	9.3	8.0	1.5	1.4	1.7	...
Ash	61.0	8.6	13.7	14.8	14.4	4.9	2.9	0.6	...	1.2	...
Cottonwood-aspen	1.3	...	...	...	0.4	0.5	...	...	...	...	0.3
Basswood	1.2	0.3	...	...	0.8	...	...	...	...	...	...
Yellow-poplar	139.2	8.5	11.2	11.7	15.1	24.6	22.5	13.5	6.5	19.2	6.5
Black walnut	3.7	0.7	0.3	...	0.5	0.7	0.5	0.6	0.4	...	...
Other hardwoods	186.2	26.1	29.8	32.6	23.7	30.2	15.9	7.8	8.6	7.7	3.9
Total hardwoods	2718.9	238.8	362.0	444.9	426.8	403.8	326.8	190.4	116.7	187.6	21.1
All species	4674.7	421.1	707.6	828.3	807.2	679.5	499.7	300.8	172.3	233.4	24.8

**Table 13 – Volume of growing stock in the saw-log portion of sawtimber<sup>1</sup> trees on timberland by species and diameter class, North Mississippi, 1987**

Species	Diameter class (inches at breast height)								
	AU classes	9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 10.9	17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 & larger
-----Million cubic feet-----									
Longleaf-slash pines	1.9	1.1	0.4	0.4	...	...	...	...	...
Shortleaf-loblolly pine	1242.1	297.9	337.0	252.7	159.7	102.4	52.2	39.3	0.9
Cypress	9.7	1.2	0.7	0.2	1.1	0.8	0.3	3.0	2.4
Other softwoods	9.6	4.2	2.5	2.4	...	0.4	...	...	...
<b>Total softwoods</b>	<b>1263.2</b>	<b>304.4</b>	<b>340.6</b>	<b>255.8</b>	<b>160.7</b>	<b>103.7</b>	<b>52.5</b>	<b>42.3</b>	<b>3.3</b>
Select white oaks	219.0	...	35.2	49.0	52.3	34.5	18.5	28.6	1.0
Select red oaks	114.8	...	17.8	24.8	27.1	14.7	8.3	18.8	3.4
Other white oaks	122.7	...	33.0	32.6	25.5	12.6	8.6	9.1	1.0
Other red oaks	387.0	...	83.6	86.6	81.4	46.2	35.5	51.1	2.7
Hickory	117.8	...	29.8	34.4	20.1	15.5	6.9	10.2	0.8
Hard maple	1.0	...	0.6	...	0.4	...	...	...	...
Soft maple	18.7	...	7.7	5.9	1.9	1.7	1.2	0.4	...
Beech	13.8	...	0.8	1.3	1.9	3.2	0.6	6.0	...
Sweetgum	175.8	...	48.0	47.6	34.0	17.9	10.8	17.6	...
Tupelo-blackgum	30.7	...	11.6	7.4	7.2	1.4	1.4	1.7	...
Ash	18.7	...	10.3	4.1	2.5	0.6	...	1.1	...
Cottonwood-aspen	0.8	...	0.2	0.3	...	...	...	...	0.3
Basswood	0.6	...	0.6	...	...	...	...	...	...
Yellow-poplar	92.6	...	10.7	20.5	19.7	12.3	6.0	17.7	5.7
Black walnut	2.0	...	0.4	0.4	0.5	0.5	0.3	...	...
Other hardwoods	79.9	...	17.0	24.7	13.2	6.9	7.5	6.9	3.6
<b>Total hardwoods</b>	<b>1395.8</b>	<b>...</b>	<b>307.3</b>	<b>339.4</b>	<b>287.6</b>	<b>168.1</b>	<b>105.7</b>	<b>169.2</b>	<b>18.5</b>
All species	2659.0	304.4	647.8	595.2	448.3	271.7	158.2	211.5	21.9

<sup>1</sup> That part of the bole of sawtimber trees between the 1-foot stump and the saw-log top, including the portion of the forks large enough to contain a saw log.

**Table 14 - Volume of sawtimber on timberland by species and diameter class, North Mississippi, 1987**

Species	Diameter class (inches at breast height)								
	All classes	9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 & larger
-m_a- - Million board feet -									
Longleaf-slash pines	10.0	5.1	2.0	2.9	...	...	...	...	...
Shortleaf-loblolly pine	7359.0	1604.5	1953.5	1540.4	1003.5	651.0	337.5	261.7	7.0
Cypress	50.9	6.0	3.2	1.1	5.6	5.2	1.4	18.4	16.0
Other softwoods	48.9	20.4	12.8	13.1	...	2.7	...	...	...
<b>Total softwoods</b>	<b>7474.9</b>	<b>1636.0</b>	<b>1971.5</b>	<b>1557.5</b>	<b>1009.0</b>	<b>658.9</b>	<b>338.9</b>	<b>280.0</b>	<b>23.1</b>
Select white oaks	1358.8	...	193.7	291.9	325.9	220.7	122.6	196.2	7.9
Select red oaks	695.0	...	97.0	147.5	160.7	91.7	51.9	123.4	22.9
Other white oaks	711.2	...	175.0	187.1	153.4	77.1	53.8	57.5	7.3
Other red oaks	2285.8	...	448.1	495.3	485.9	282.5	227.5	328.9	17.7
Hickory	722.5	...	165.0	207.8	126.2	100.2	46.4	70.9	6.0
Hard maple	5.8	...	3.6	...	2.2	...	...	...	...
Soft maple	108.7	...	42.5	34.5	10.8	10.7	7.0	3.1	...
Beech	92.7	...	4.7	7.6	11.7	22.1	4.3	42.3	...
Sweetgum	1040.2	...	263.0	275.9	208.7	110.2	69.9	112.4	...
Tupelo-blackgum	171.3	...	63.4	39.3	40.7	7.9	8.1	11.9	...
Ash	107.7	...	57.8	24.6	15.5	3.5	...	6.2	...
Cottonwood-aspen	4.0	...	1.1	1.5	...	...	...	...	1.5
Basswood	3.4	...	3.4	...	...	...	...	...	...
Yellow-poplar	563.1	...	60.3	119.0	120.9	73.6	35.3	115.2	38.8
Black walnut	12.8	...	2.0	2.6	3.1	3.1	2.1	...	...
Other hardwoods	475.4	...	97.0	145.6	79.2	42.2	46.1	42.7	22.5
<b>Total hardwoods</b>	<b>8358.2</b>	<b>...</b>	<b>1677.6</b>	<b>1980.3</b>	<b>1744.8</b>	<b>1045.5</b>	<b>674.8</b>	<b>1110.7</b>	<b>124.5</b>
<b>All species</b>	<b>15833.1</b>	<b>1636.0</b>	<b>3649.1</b>	<b>3537.7</b>	<b>2753.9</b>	<b>1704.4</b>	<b>1013.7</b>	<b>1390.7</b>	<b>147.6</b>

Table 16 - Volume of growing stock and sawtimber on timberland by county and species group, North Mississippi, 1987

county	Growing rtock						Sawtimber					
	Softwood			Hardwood			Softwood			Hardwood		
	All species	Pine		Other	Soft'	Hard"	All species	Pine		Other	Soft'	Hard <sup>2</sup>
		Planted	Natural					Planted	Natural			
		-----Million cubic feet-----Million board feet-----										
Alcorn	127.4	9.9	31.1	0.7	16.5	69.3	381.6	33.3	116.0	1.1	23.8	207.5
Benton	236.6	25.2	52.2	1.2	33.7	124.2	916.4	57.8	277.8	2.9	120.4	457.6
Calhoun	175.4	65.1	36.8	3.4	17.0	53.1	636.9	211.3	157.1	8.2	21.2	139.1
Carroll	234.9	14.6	74.1	1.7	47.2	97.3	794.9	59.9	244.5	5.3	117.1	368.0
Chickasaw	161.8	25.8	61.9	1.7	25.2	57.2	572.0	86.0	232.4	3.8	50.6	199.1
Choctaw	251.2	25.4	132.7	0.7	30.1	62.4	930.6	127.7	571.4	1.5	59.9	170.1
Clay	124.7	...	37.7	0.5	21.2	65.3	441.9	...	157.9	...	57.3	226.6
De Soto	123.0	2.8	1.9	2.2	41.3	75.4	606.8	2.1	6.0	8.7	165.9	324.1
Grenada	169.9	32.8	43.3	1.2	34.3	58.3	585.4	85.6	172.9	2.5	94.3	230.1
Itawamba	281.8	29.2	84.2	1.8	64.0	102.6	953.9	107.3	362.5	11.0	175.2	297.9
Lafayette	383.4	39.0	164.0	2.7	46.1	131.7	1318.7	97.1	646.3	3.3	116.6	455.4
Lee	80.4	15.2	11.4	...	10.4	43.5	220.5	13.1	54.2	...	17.9	135.3
Lowndes	168.8	14.7	27.5	5.9	41.8	78.9	588.0	36.4	148.7	30.6	92.0	280.3
Marshall	237.8	68.2	23.1	3.9	68.3	74.3	810.2	226.7	114.3	4.0	210.4	254.7
Monroe	276.9	21.0	54.8	0.8	78.2	122.1	844.7	38.8	252.2	...	174.4	379.3
Montgomery	113.6	...	58.1	0.3	18.1	37.0	360.0	...	206.3	1.6	36.9	115.2
Oktibbeha	212.2	19.1	87.2	2.4	25.6	77.8	860.4	82.2	423.4	2.8	84.7	267.4
Panola	178.0	58.8	1.3	1.7	48.6	67.7	589.0	223.5	...	1.4	159.4	204.8
Pontotoc	107.6	6.1	32.9	1.5	19.0	48.1	291.1	11.4	139.5	1.6	22.0	116.6
Prentiss	140.6	7.7	39.7	2.0	25.6	65.6	454.4	16.8	164.5	0.8	50.5	221.9
Tate	67.1	5.6	7.3	0.8	20.7	32.9	227.9	21.2	27.8	1.3	55.9	121.8
Tippah	185.0	32.3	45.4	0.4	33.5	73.2	533.3	66.0	162.5	2.0	87.9	215.0
Tiuhomingo	214.3	40.4	65.9	0.5	31.9	75.7	616.2	115.5	209.6	1.7	91.9	197.5
Union	103.8	0.4	31.4	0.8	36.4	34.8	336.8	...	114.6	...	97.6	124.7
Webster	105.4	5.4	42.8	1.4	7.0	48.7	350.2	5.7	197.8	5.4	23.2	118.1
Yalobueha	212.3	34.1	75.5	2.7	26.3	73.7	811.1	149.4	334.1	4.6	61.4	261.5
All counties	4674.7	598.4	1314.3	43.1	868.0	1850.9	15833.1	1874.7	5494.4	105.9	2268.2	6090.0

<sup>1</sup> Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwood, red maple, basswood, aspen, and willow.

<sup>2</sup> Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maple, hickories, and green and white ash.

**Table 16** — Volume of timber on timberland by class of timber and **species** group, North Mississippi, 1987

Class of timber	All species	Softwood			Hardwood	
		Pine			Soft <sup>1</sup>	Hard <sup>2</sup>
		Planted	Natural	Other		
----- Million cubic feet -----						
Sawtimber trees:						
Saw-log portion	2659.0	324.7	919.3	19.2	382.2	1013.5
Upper-stem portion	442.1	48.1	113.0	3.5	81.8	195.7
Total	3101.0	372.7	1032.3	22.8	464.1	1209.2
Poletimber trees	1573.6	225.6	282.0	20.3	404.0	641.7
All growing-stock trees	4674.7	598.4	1314.3	43.1	868.0	1850.9
Rough trees:						
Sawtimber size	350.4	5.6	17.2	8.1	85.8	233.7
Poletimber size	268.9	15.3	18.4	3.8	86.0	145.4
Total	619.3	20.9	35.6	11.9	171.9	379.0
Rotten trees:						
Sawtimber size	101.6	...	1.7	...	30.3	69.6
Poletimber size	11.0	...	0.2	...	5.2	5.6
Total	112.6	...	2.0	...	35.5	75.2
Salvable dead trees:						
Sawtimber size	29.9	4.4	17.8	...	1.5	6.2
Poletimber size	22.6	2.0	8.8	0.5	1.0	10.2
Total	52.5	6.4	26.6	0.5	2.5	16.5
All classes	5459.2	625.7	1378.5	55.5	1077.8	2321.6

<sup>1</sup> Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwood, red maple, basswood, aspen, and willow.

<sup>2</sup> Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maple, hickories, and green and white ash.

Table 17 - *Volume of live trees and growing stock on timberland by ownership class and species group, North Mississippi, 1987*

Ownership class	Live trees						Growing stock							
	All species	Softwood			Hardwood		All species	Softwood			Hardwood			
		Pine	Planted	Natural	Other	Soft'		Hard <sup>2</sup>	Pine	Planted	Natural	Other	Soft'	Hard <sup>2</sup>
.....Million cubic feet.....														
National forest	383.4	58.3	129.6	1.9	47.5	146.1	349.4	55.7	126.1	1.9	42.8	122.9		
Other public	288.6	6.9	60.1	8.0	98.5	116.0	248.8	6.9	58.8	6.3	80.8	96.0		
Forest industry	544.4	201.4	123.4	3.7	87.2	128.6	483.7	195.9	119.5	3.2	68.6	96.6		
Forest industry-leased	29.5	4.6	9.1	...	2.4	13.4	27.3	4.4	9.1	...	2.0	11.7		
Other private	4160.7	348.1	1029.6	41.4	839.7	1902.0	3665.4	335.4	1000.8	31.7	673.8	1523.7		
Allownerships	5406.6	619.3	1351.8	66.0	1075.4	2305.1	4674.7	598.4	1314.3	43.1	868.0	1850.9		

<sup>1</sup> Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwood, red maple, basswood, aspen, and willow.

<sup>2</sup> Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maple, hickories, and green and white ash.

Table 18 - *Average net annual growth of growing stock and rawtimber on timberland by county and species group, North Mississippi, 1987*

County	Growing stock						Sawtimber					
	Softwood			Hardwood			Softwood			Hardwood		
	All species	Pine		Other	Soft <sup>1</sup>	Hard <sup>2</sup>	All species	Pine		Other	Soft <sup>1</sup>	Hard <sup>2</sup>
		Planted	Natural					Planted	Natural			
		-----Million cubic feet-----						-----Million board feet-----				
Alcorn	7.0	0.8	2.3	0.1	0.6	3.3	29.4	3.2	10.8	...	1.4	14.0
Benton	6.8	1.9	0.3	0.1	0.8	3.7	34.6	6.1	4.9	0.2	3.0	20.5
Calhoun	14.0	3.8	5.5	0.1	1.0	3.6	69.1	17.2	28.9	0.7	2.0	10.2
Carroll	11.7	0.6	5.3	0.1	1.7	4.0	50.2	5.3	23.4	0.5	4.6	16.4
Chickasaw	9.5	2.1	2.9	0.1	1.0	3.4	41.3	8.2	15.9	...	1.9	15.3
Choctaw	13.8	1.5	8.1	...	1.2	3.0	66.7	8.4	42.2	0.2	3.6	12.4
Clay	5.5	...	2.0	...	0.8	2.7	27.5	...	10.2	...	3.4	14.0
De Soto	4.5	0.3	0.1	...	1.0	3.2	25.7	0.2	0.4	0.1	8.0	17.1
Grenada	8.3	2.9	2.4	0.1	1.3	1.6	33.1	7.4	10.9	...	3.4	11.3
Itawamba	13.1	0.8	4.9	...	2.4	4.9	80.6	6.4	20.8	...	6.6	16.9
Lafayette	15.9	1.8	7.8	0.1	1.7	4.6	57.8	8.1	29.7	0.2	4.5	15.3
Lee	4.7	1.6	0.9	...	0.5	1.8	13.8	1.4	4.1	...	1.6	6.7
Lowndes	6.3	0.6	1.5	0.1	1.3	3.0	33.6	2.9	0.5	0.2	4.6	16.8
Marshall	12.6	4.1	2.3	0.1	2.4	3.7	48.8	17.3	7.2	0.1	8.6	15.8
Monroe	12.0	1.1	2.6	0.1	3.0	6.4	47.3	3.4	12.8	...	8.5	22.6
Montgomery	6.4	...	4.1	...	0.7	1.6	25.0	...	18.7	0.1	1.8	4.3
Oktibbeha	10.8	1.2	5.4	0.2	0.7	3.3	52.6	5.5	30.4	0.1	3.8	12.7
Panola	6.1	3.0	0.3	0.1	0.7	2.0	31.8	16.8	0.9	0.1	5.7	8.5
Pontotoc	8.1	0.2	3.1	0.1	1.2	3.5	30.7	0.4	16.6	...	2.7	12.0
Prentiss	7.2	0.5	3.2	0.1	1.3	2.1	28.6	2.0	15.7	0.1	2.3	8.6
Tate	4.0	0.5	0.4	0.1	1.2	1.9	20.1	2.2	3.8	...	5.2	8.8
Tippah	11.6	2.2	3.6	0.1	1.2	4.4	43.6	7.0	14.1	0.6	4.0	17.9
Tiuhomingo	11.8	2.6	4.9	...	1.0	3.3	41.4	9.1	17.9	0.1	1.8	12.6
Union	8.0	...	3.3	...	2.4	2.2	36.1	...	14.8	...	8.1	13.1
Webster	7.3	...	3.1	...	0.5	3.6	31.5	...	18.5	...	2.1	10.9
Yalobusha	10.3	2.3	4.0	0.1	1.1	2.8	54.0	12.1	23.7	0.1	4.2	14.0
All counties	237.3	36.4	84.2	1.6	32.7	82.5	1015.0	150.7	405.7	2.7	107.3	348.7

<sup>1</sup> Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwood, red maple, basswood, aspen, and willow.

<sup>2</sup> Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maple, hickories, and green and white ash.



Table 19 – *Average annual removals of growing stock and sawtimber on timberland by county and species group, North Mississippi, 1987*

County	Growing stock						Sawtimber							
	All species	Softwood			Hardwood		All species	Softwood			Hardwood			
		Planted	Pine		Other	Soft'		Hard'	Planted	Pine		Other	Soft'	Hard'
-----Million cubic feet-----														
Alcom	4.9	...	2.8	...	0.3	1.8	15.0	...	9.8	...	0.4	4.9		
Benton	2.3	...	0.7	...	0.7	0.9	6.4	...	1.2	...	1.6	3.6		
Calhoun	18.2	...	14.0	...	0.9	3.3	73.8	...	60.9	...	1.7	11.2		
Carroll	7.5	...	5.1	0.2	1.1	1.1	18.8	...	14.2	0.7	0.9	3.0		
Chickasaw	5.2	...	3.9	...	...	1.2	20.3	...	15.0	...	...	5.3		
Choctaw	11.1	...	8.5	...	0.6	2.0	43.0	...	36.9	...	0.9	5.1		
Clay	2.8	...	0.6	...	0.5	1.8	13.3	...	2.4	...	2.4	8.5		
De Soto	0.9	...	...	0.2	0.4	0.3	2.3	...	...	0.6	0.7	1.0		
Grenada	2.4	...	1.6	...	0.1	0.8	5.2	...	2.3	...	0.3	2.5		
Itawamba	12.5	...	7.4	...	1.6	3.4	32.6	...	22.5	...	2.9	7.2		
Lafayette	3.3	...	2.2	0.1	0.3	0.6	9.3	...	7.2	0.2	0.2	1.7		
Lee	2.1	...	0.9	...	0.2	1.0	8.8	...	3.6	...	1.6	3.7		
Lowndes	5.3	...	1.6	0.7	1.3	1.6	15.2	...	4.1	2.7	3.1	5.3		
Marshall	7.8	...	4.3	0.1	1.6	1.7	28.2	...	12.1	0.4	7.3	8.3		
Monroe	12.0	...	7.3	...	2.0	3.3	so.7	...	35.2	...	5.5	10.0		
Montgomery	9.6	...	6.1	...	0.3	3.2	35.0	...	26.0	...	0.3	9.7		
Oktibbeha	5.6	...	2.6	...	0.5	2.6	24.1	...	10.8	...	2.7	10.6		
Panola	2.7	...	1.0	...	0.4	1.3	8.6	...	3.3	...	0.7	4.5		
Pontotoc	9.1	...	5.1	...	0.6	3.4	33.4	...	20.1	...	2.0	11.2		
Prentiss	8.0	...	5.9	...	1.1	1.0	29.3	...	21.7	...	3.5	4.0		
Tate	2.5	...	...	...	1.6	0.9	7.0	...	...	...	5.2	1.8		
Tippah	7.9	...	4.4	0.1	0.9	2.6	25.8	...	13.7	0.6	3.3	8.3		
Tishomingo	8.4	...	5.7	...	1.1	1.6	23.1	...	15.2	...	3.3	4.7		
Union	4.0	...	2.8	...	...	1.1	10.1	...	6.7	...	...	3.4		
Webster	17.3	...	7.8	0.1	1.1	8.2	60.3	...	27.2	...	3.6	29.5		
Yalobusha	8.2	...	5.7	0.1	0.6	1.8	so.0	...	21.9	...	2.1	6.0		
All counties	182.1	...	108.0	1.6	20.1	52.4	629.7	...	393.0	5.3	56.3	175.1		

<sup>1</sup> Hardwood species with an average specific gravity of 0.50 or less such as gumr, yellow-poplar, cottonwood, red maple, basswood, aspen, and willow.

<sup>2</sup> Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maple, hickories, and green and white ash.

**Table 20 – Average net annual growth and average annual removals of growing stock on timberland by species, North Mississippi, 1987**

Species		Growth	Removals
- - - - - Million cubic feet - - - - -			
Yellow pines		120.5	108.0
Other softwoods		1.6	1.6
Total softwoods		122.1	109.6
Select white-red oaks		20.0	18.8
Other white-red oaks		41.4	25.6
Hickory		8.3	4.9
Hard maple		0.2	...
Sweetgum		20.2	9.9
Ash-walnut-black cherry		2.4	1.6
Yellow-poplar		7.9	4.1
Other hardwoods		8.8	7.6
Total hardwoods		115.2	72.5
AU species		237.3	182.1

**Table 21 – Average net annual growth and average annual removals of sawtimber on timberland by species, North Mississippi, 1987**

Species		Growth	Removals
- - - - - Million board feet - - - - -			
Yellow pines		556.4	393.0
Other softwoods		2.7	5.3
Total softwoods		559.1	398.3
Select white-red oaks		118.1	75.2
Other white-red oaks		177.8	77.4
Hickory		33.2	15.3
Hard maple		0.3	0.2
Sweetgum		54.2	20.7
Ash-walnut-black cherry		7.8	2.3
Yellow-poplar		35.6	16.5
Other hardwoods		29.0	23.8
Total hardwoods		456.0	231.4
All species		1015.0	629.7

**Table 22 – Average annual mortality of growing stock and sawtimber on timberland by species, North Mississippi, 1987**

Species		Growing stock	Sawtimber
- - Million cubic feet - - Million board feet - - - - -			
Yellow pines		20.5	40.8
Other softwoods		0.5	0.8
Total softwoods		21.0	41.6
Select white-red oaks		2.3	8.5
Other white-red oaks		6.4	13.2
Hickory		0.9	2.6
Sweetgum		2.3	5.7
Ash-walnut-black cherry		1.2	1.6
Other hardwoods		5.6	13.3
Total hardwoods		18.7	44.9
All species		39.8	86.5

**Table 23 — Average net annual growth and average annual removals of growing stock on timberland by ownership class and species group, North Mississippi, 1987**

Ownership class	Growth							Removals					
	All species	Softwood			Hardwood			All species	Softwood			Hardwood	
		Pine			Soft'	Hard'	Pine			Soft'	Hard <sup>2</sup>		
		Planted	Natural	Other			Planted		Natural			Other	
----- Million cubic feet -----													
National forest	11.7	...	7.1	0.1	1.2	3.3	5.3	...	6.1	...	0.1	0.2	
Other public	5.8	...	2.6	0.2	0.7	2.3	8.5	...	1.9	0.2	2.5	3.9	
Forest industry	40.2	...	28.7	0.3	4.1	7.0	58.0	...	35.5	0.9	5.1	10.6	
Forest industry-leased	1.2	...	0.5	...	0.2	0.4	3.0	...	2.9	...	0.1	...	
Other private	178.4	...	81.6	0.9	26.4	69.5	107.3	...	62.6	0.5	12.4	31.7	
All ownerships	237.3	...	120.5	1.6	32.7	82.5	182.1	...	108.0	1.6	20.1	52.4	

<sup>1</sup> Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwood, red maple, basswood, aspen, and willow.

<sup>2</sup> Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maple, hickories, and green and white ash.

**Table 24 — Average net annual growth and average annual removals of sawtimber on timberland by ownership class and species, North Mississippi, 1987**

Ownership class	Growth						Removals						
	All species	Softwood			Hardwood			All species	Softwood			Hardwood	
		Pine			Soft'	Hard <sup>2</sup>	Pine			Soft'	Hard <sup>2</sup>		
		Planted	Natural	Other			Planted		Natural			Other	
----- Million board feet -----													
National forest	53.6	...	35.0	0.1	2.2	16.2	20.0	...	19.6	...	...	0.4	
Other public	34.9	...	17.2	0.4	3.7	13.6	34.7	...	9.1	0.6	8.6	16.6	
Forest industry	160.7	...	116.6	1.2	10.2	22.6	196.6	...	128.0	2.9	11.3	54.3	
Forest industry-leased	3.6	...	1.4	...	0.4	1.8	11.6	...	11.6	...	...	...	
Other private	772.3	...	386.2	0.9	90.8	294.4	366.8	...	224.7	1.8	36.5	103.9	
All ownemhipr	1015.0	...	556.4	2.7	107.3	348.7	629.7	...	393.0	5.3	56.3	175.1	

<sup>1</sup> Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwood, red maple, basswood, aspen, and willow.

<sup>2</sup> Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maple, hickories, and green and white ash.

**Table 25 — Volume of sawtimber on timberland by species and tree grade,  
North Mississippi, 1987**

Species	All grades	Grade 1	Grade 2	Grade 3	Grade 4
----- Million board feet -----					
Yellow pines	7369.0	886.2	918.3	5504.5	...
Cypress	56.9	14.3	15.1	27.0	...
Redcedar	48.9	48.9	...	...	...
Total softwoods	7474.9	949.4	933.4	5592.1	...
Select white-red oaks	2053.8	264.5	610.7	884.1	294.5
Other white-red oaks	2997.0	137.5	568.5	1493.2	797.8
Hickory	722.5	36.2	153.0	411.5	121.8
Hard maple	5.8	...	...	2.2	3.6
Sweetgum	1040.2	38.1	171.5	503.8	326.8
Tupelo and blackgum	171.3	7.0	30.1	113.8	20.4
Ash-walnut-black cherry	125.0	15.3	11.5	81.4	16.8
Yellow-poplar	563.1	95.8	140.8	217.5	108.9
Other hardwoods	679.6	59.5	103.3	311.6	205.2
Total hardwoods	8358.2	653.9	1789.4	4019.1	1895.8
All species	15833.1	1603.3	2722.8	9611.2	1895.8

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**Table 26 — Area of timberland by stand age, forest type group and type of regeneration,  
North Mississippi, 1987**

Stand age class	Pine		Oak-pine		Other hardwood types	
	Artificial	Natural	Artificial	Natural	Artificial	Natural
----- Thousand acres -----						
1-10	126.0	37.9	192.2	14.6	155.0	64.6
11-20	29.1	64.6	27.0	102.9	...	487.6
21-30	121.6	5.3	18.9	...	...	19.5
31-40	52.2	11.5	6.1	...	...	44.3
41-50	...	...	...	...	...	...
>50	...	10.6	...	5.4	7.8	5.3
Mixed	48.2	452.4	89.8	472.7	25.2	1695.2
Total	377.0	582.2	334.0	595.6	187.9	2316.4

Table 27 — Volume of softwood growing stock on timberland by forest type, North Mississippi, 1987

County	Total	Forest type group							
		Longleaf-slash pine		Loblolly-shortleaf pine		oak- pine	Oak- hickory	Oak-gum cypress	Elm-ash cottonwood
		Planted	Natural	Planted	Natural				
----- Million cubic feet -----									
Alcorn	41.7	...	...	9.7	16.2	7.5	8.3	...	...
Benton	78.0	...	...	19.3	33.0	18.3	8.1	...	...
Calhoun	105.3	...	...	44.6	14.1	38.8	7.8	...	...
Carroll	90.4	...	...	14.1	39.7	18.2	17.3	1.1	...
Chickasaw	79.4	...	...	16.3	38.1	21.0	4.0	...	...
Choctaw	158.7	...	...	17.7	83.3	44.5	13.2	...	...
Clay	38.2	...	...	...	23.4	12.5	2.4	...	...
De Soto	6.9	...	...	...	...	2.8	2.5	...	1.6
Grenada	77.2	...	...	27.1	25.1	14.5	10.5	...	...
Itawamba	115.2	...	...	25.4	46.9	27.8	12.8	2.2	...
Lafayette	205.7	...	...	30.9	92.3	58.9	22.8	0.9	...
Lee	20.5	...	...	15.2	...	7.4	3.4	0.6	...
Lowndes	48.1	...	...	13.5	...	19.2	1.7	13.2	0.4
Marshall	95.2	...	...	50.1	15.3	19.8	6.4	3.6	...
Monroe	76.6	...	...	14.6	26.3	17.4	16.3	1.9	...
Montgomery	58.5	...	...	...	26.7	22.5	9.3	...	...
Oktibbeha	108.8	...	...	19.1	48.6	26.8	11.9	2.4	...
Panola	61.8	...	...	54.7	...	5.8	0.9	0.3	...
Pontotoc	40.4	...	...	6.1	15.2	8.5	9.8	0.9	...
Prentiss	49.4	5.3	...	3.9	22.0	10.5	7.7	...	...
Tate	13.6	...	...	5.5	...	7.3	0.8	...	...
Tippah	78.2	...	...	32.3	30.6	4.2	10.1	1.0	...
Tishomingo	106.7	...	...	36.4	20.9	30.6	17.9	0.9	...
Union	32.6	...	...	...	9.7	12.4	10.6	...	...
Webster	49.6	...	...	5.4	22.3	16.6	5.4	...	...
Yalobusha	112.2	...	...	25.5	57.1	18.6	10.8	0.3	...
All counties	1955.7	5.3	...	487.4	706.6	492.5	232.5	29.3	2.1

**Table 28 - Volume hardwood growing stock on timberland by forest type, North Mississippi, 1987**

County	Total	Forest type group					
		Loblolly-shortleaf pine		oak- pine	Oak- hickory	Oak-gum cypress	Elm-ash cottonwood
		Planted	Natural				
----- Million cubic feet -----							
Alcorn	85.8	1.2	2.0	4.2	66.5	11.8	...
Benton	157.9	1.1	6.2	18.5	90.5	41.7	...
Calhoun	70.1	6.0	4.0	19.2	40.8	...	...
Carroll	144.5	1.1	5.5	12.1	90.7	35.0	...
Chickasaw	82.4	...	6.1	28.3	48.0	...	...
Choctaw	92.5	0.7	8.1	28.4	54.0	1.3	...
Clay	80.5	...	4.3	2.9	54.6	24.7	...
De Soto	116.7	...	...	7.0	74.1	35.5	...
Grenada	92.6	1.7	7.2	17.6	43.7	22.5	...
Itawamba	166.6	3.5	7.5	21.7	56.3	77.6	...
Lafayette	177.7	2.0	17.4	43.9	101.9	12.5	...
Lee	53.9	...	...	10.9	20.2	22.8	...
Lowndes	120.7	0.5	...	7.6	9.4	103.2	...
Marshall	142.6	4.8	5.7	16.4	21.8	85.5	8.4
Monroe	200.3	4.0	8.5	13.3	116.9	57.7	...
Montgomery	55.1	...	4.6	13.3	37.2	...	...
Oktibbeha	103.4	0.9	10.8	14.9	47.3	29.5	...
Panola	116.3	7.5	...	8.6	54.0	46.1	...
Pontotoc	67.1	0.4	2.9	7.9	49.8	6.1	...
Prentiss	91.2	0.3	3.8	6.7	63.7	16.7	...
Tate	53.0	0.8	...	0.2	52.5	...	...
Tippah	106.7	3.2	7.5	8.2	68.7	16.8	2.5
Tishomingo	107.6	0.9	5.1	28.1	46.1	27.4	...
Union	71.2	...	0.8	10.9	55.2	4.4	...
Webster	55.8	0.4	3.8	14.6	36.9	...	...
Yalobusha	100.0	1.7	8.7	13.9	69.1	6.6	...
All counties	2718.9	42.6	130.4	379.7	1469.9	685.5	10.9

**Table 29 - Volume of softwood growing *stock* in the saw-log portion of sawtimber trees on timberland by forest type, North Mississippi, 1987**

county	Total	Forest type group							
		Longleaf-slash pine		Loblolly-shortleaf pine		Oak- pine	Oak- hickory	Oak-gum cypress	Elm-ash cottonwood
		Planted	Natural	Planted	Natural				
----- Million cubic feet -----									
Alcorn	27.1			6.2	10.8	4.8	5.4	...	...
Benton	55.0	...	...	9.5	26.9	12.7	6.5	...	...
Calhoun	63.9	...	...	25.4	12.4	21.8	4.3	...	
Carroll	52.6	...	...	9.9	18.6	13.8	9.6	0.8	...
Chickasaw	56.0	...	...	6.8	28.4	18.3	2.5	...	
Choctaw	115.0	...	...	14.9	60.2	34.1	5.9		...
Clay	26.4	...	...	...	14.6	10.3	1.5		...
De Soto	3.1			...	...	0.4	1.5	...	1.1
Grenada	48.0			13.0	15.7	10.5	8.8	...	...
Itawamba	78.1	...		15.9	33.3	17.8	9.1	2.1	...
Lafayette	130.6	...	...	14.0	55.9	40.7	19.3	0.7	...
Lee	11.8	...	...	2.8	...	6.9	1.8	0.4	...
Lowndes	35.3	...	...	5.3	...	16.5	1.4	11.6	0.4
Marshall	55.8	...	...	28.6	12.2	9.2	4.9	0.8	...
Monroe	47.7	...	...	3.1	18.5	11.6	13.1	1.4	.
Montgomery	35.1	...	...	...	14.5	14.8	5.8	.	...
Oktibbeha	82.7	...		13.6	33.8	24.6	8.8	2.0	...
Panola	36.8	...	...	35.6	...	0.9	.	0.3	...
Pontotoc	26.0	...	...	2.2	11.0	5.4	6.7	0.8	...
Prentiss	32.4	1.6	...	1.8	18.2	5.0	5.8		...
Tate	8.7	...	...	3.7	...	4.8	0.3	...	.
Tippah	41.5	.	...	12.7	17.6	2.7	7.9	0.7	.
Tishomingo	58.2	...	...	20.7	11.4	15.8	10.3		
Union	20.0	...	...	...	7.0	6.7	6.2	...	
Webster	34.8			0.7	15.1	15.1	3.8		
Yalobusha	79.8			17.7	42.1	12.2	7.8	...	...
All counties	1263.2	1.6	...	263.8	478.1	337.3	159.2	21.6	1.6

**Table SO -** Volume of hardwood growing **stock** in the saw-log portion of sawtimber trees on timberland by forest type, North Mississippi, 1987

County	Total	Forest type group					
		Loblolly-shortleaf pine		oak- pine	Oak- hickory	Oak-gum cypress	Elm-ash cottonwood
		Planted	Natural				
----- Million cubic feet -----							
Alcorn	40.1	0.3	...	1.6	32.1	6.2	...
Benton	94.0	...	2.4	9.1	50.1	33.0	...
Calhoun	27.5	2.0	1.4	5.9	18.2	...	
Carroll	77.3	0.4	1.7	4.8	54.1	16.4	
Chickasaw	42.0	...	2.4	12.9	26.8		
Choctaw	39.6	0.3	1.6	12.9	24.9	...	...
Clay	48.9		1.1	1.4	31.1	15.3	
De Soto	78.5	...	...	4.4	46.7	27.5	...
Grenada	55.7	0.7	4.6	8.9	23.1	18.5	...
Itawamba	76.8	1.9	2.4	7.1	19.5	45.9	...
Lafayette	94.3	1.8	4.7	24.5	59.0	4.4	...
Lee	25.7	...	...	5.4	10.5	9.8	...
Lowndes	03.5	...	...	3.4	2.2	58.0	...
Marshall	77.3	1.2	1.8	10.4	12.1	49.0	2.7
Monroe	95.1	0.8	4.2	6.1	54.5	29.5	
Montgomery	24.6	...	0.6	4.3	19.8	...	
Oktibbeha	58.6	...	5.2	7.3	26.5	19.7	
Panola	60.5	6.0	...	0.7	27.9	25.9	
Pontotoc	24.1	0.3	1.0	1.5	20.4	0.8	...
Prentiss	45.7	...	2.3	1.9	30.8	10.6	...
Tate	29.5	0.7	...	...	28.7	...	...
Tippah	51.5	1.8	3.2	5.7	32.3	8.4	...
Tishomingo	48.7	...	2.2	9.9	22.6	14.1	...
Union	36.7	...	0.7	3.1	30.9	2.0	...
Webster	24.2	...	1.8	7.2	15.2	...	...
Yalobusha	54.8	1.4	4.3	7.9	38.0	3.2	...
All counties	1395.8	19.6	49.6	168.0	757.8	398.1	2.7



**Table 31 – Volume of timber on timberland by county, class of timber and species group, North Mississippi, 1987**

County	All classes ,	Growing stock		Rough		Rotten	
		Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood,
----- Million cubic feet -----							
Alcorn	149.7	41.7	85.8	0.7	17.7	...	3.8
Benton	269.0	78.6	157.9	3.0	20.9	...	8.5
Calhoun	200.1	105.3	70.1	1.0	18.6	...	5.1
Carroll	296.1	90.4	144.5	6.1	40.6	0.3	14.2
Chickasaw	181.3	79.4	82.4	2.0	15.5	...	1.8
Choctaw	279.2	158.7	92.5	4.4	21.9	...	1.7
Clay	154.4	38.2	86.5	4.0	22.0	...	3.6
De Soto	148.4	6.9	116.7	0.4	23.2	...	1.1
Grenada	187.5	77.2	92.6	0.5	12.4	...	4.8
Itawamba	329.9	115.2	166.6	5.5	29.7	0.4	12.4
Lafayette	419.4	205.7	177.7	5.9	21.9	0.4	7.7
Lee	94.4	26.5	53.9	2.0	10.7	..	1.2
Lowndes	209.8	48.1	120.7	4.4	31.8	..	4.8
Marshall	283.8	95.2	142.6	4.7	38.0	..	3.3
Monroe	318.9	76.6	200.3	1.9	34.1	..	6.1
Montgomery	136.6	58.5	55.1	2.3	17.4	...	3.3
Oktibbeha	233.0	108.8	103.4	3.4	13.7	0.8	2.9
Panola	207.2	61.8	116.3	0.6	27.4	..	1.3
Pontotoc	122.2	40.4	67.1	1.1	11.4	..	2.2
Prentiss	160.3	49.4	91.2	1.1	14.7	..	3.8
Tate	84.8	13.6	53.6	2.4	15.0	..	0.1
Tippah	210.7	78.2	106.7	5.1	17.1	..	3.5
Tishomingo	243.7	106.7	107.6	2.3	23.0	..	4.1
Union	114.7	32.6	71.2	...	10.6	..	0.3
Webster	132.1	49.6	55.8	1.3	22.3	..	3.1
Yalobusha	239.6	112.2	100.0	2.3	19.3	..	5.7
All counties	5406.6	1955.7	2718.9	68.4	550.9	2.0	110.7

Table 22 -- Number of live trees on timberland by detailed species and diameter class, North Mississippi, 1987

Species	Diameter class (inches at breast height)												
	All classes	1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	29.0 & L larger
..... Thousand trees .....													
Slashpine	1007	...	480	128	210	146	29	14	...	...	...	...	...
Shortleafpine	180556	67841	39876	28701	21334	14639	9991	4758	2248	846	303	122	...
Loblollypine	273277	84415	71992	45083	34764	16886	10196	5054	2352	1440	626	439	30
Redcedar	84670	57214	17095	6557	2158	937	419	264	...	16	...	9	...
Cypress	2742	619	1175	127	221	313	62	41	58	65	13	34	14
<b>Total softwoods</b>	<b>542252</b>	<b>200989</b>	<b>139618</b>	<b>80596</b>	<b>58685</b>	<b>32822</b>	<b>20696</b>	<b>10131</b>	<b>4658</b>	<b>2368</b>	<b>941</b>	<b>605</b>	<b>43</b>
Select white oaks	127114	65791	27130	13040	6984	4320	3166	2595	1965	1012	522	538	52
Select red oaks	44864	24230	6844	3827	2974	1437	1756	1287	1136	573	242	473	84
Other white oaks	75979	31103	14882	8190	7667	5328	3764	2441	1200	630	307	373	93
Other red oaks	212403	101688	38107	21699	15977	12201	8699	5681	3820	1914	1130	1354	233
Sweet pecan	130	...	...	...	...	44	31	44	...	12	...	...	...
Waterhickory	1426	...	1229	...	118	44	...	...	...	14	11	10	...
Other hickories	156352	108018	22534	9586	4954	4188	3055	2032	820	593	278	270	23
Persimmon	64886	53839	8992	2243	494	142	67	...	...	9	...	...	...
Hard maple	4304	3291	538	279	146	...	39	...	11	...	...	...	...
Soft maple	167481	118994	33622	8273	3614	1181	862	508	201	116	60	47	4
Boxelder	14798	12185	1488	242	303	243	180	124	20	...	...	13	...
Beech	6408	4303	496	671	82	231	75	92	88	124	40	193	14
Sweetgum	417789	249485	88216	41367	17784	10866	4883	2720	1316	581	226	346	...
Blackgum	108849	87600	8540	4789	4079	1737	1062	611	324	102	54	49	...
Other gums/tupelos	3343	652	951	715	363	245	125	190	76	...	22	...	3
White ash	24182	17459	3165	1714	712	555	372	115	46	19	10	15	...
Other ashes	28742	16994	4840	2932	1685	1205	751	177	112	29	...	18	...
sycamore	4309	497	1696	187	659	323	243	329	152	13	93	98	20
Cottonwood	69	...	...	...	...	...	35	30	...	...	...	...	4
Basswood	113	...	...	77	...	...	36	...	...	...	...	...	...
Yellow-poplar	43899	28706	4202	4403	2043	1191	896	1073	628	295	164	261	37
Magnolia	199	...	...	137	...	40	...	22	...	...	...	...	...
Sweetbay	12869	7081	4265	997	317	81	91	23	14	...	...	...	...
Willow	28482	24711	1708	967	475	278	144	119	56	...	25	...	...
Black walnut	1487	612	...	492	126	150	33	20	19	15	20	...	...
Black cherry	40594	30468	6896	1618	837	544	87	26	57	29	32	...	...
American elm	18786	13093	1882	1709	523	566	262	425	202	45	37	23	18
Other elms	147989	109989	27695	5507	2306	1364	592	351	109	12	26	38	...
River birch	12286	8683	1095	303	614	576	418	278	190	112	61	52	6
Hackberry	9958	4572	2393	899	979	379	339	167	103	56	20	52	...
Black locust	13120	8295	3496	797	302	212	...	18	...	...	...	...	...
Other locusts	828	715	...	...	76	...	36	...	...	...	...	...	...
Sassafras	15756	9894	4869	892	48	190	37	27	...	...	...	...	...
Dogwood	211703	149426	55855	5663	668	91	...	...	...	...	...	...	...
Holly	2411	2301	...	110	...	...	...	...	...	...	...	...	...
Other commercial	23003	17606	2579	2106	322	179	121	44	...	11	11	21	3
<b>Total hardwoods</b>	<b>2046913</b>	<b>1311981</b>	<b>379302</b>	<b>146432</b>	<b>78132</b>	<b>50130</b>	<b>32258</b>	<b>21469</b>	<b>12666</b>	<b>6314</b>	<b>3391</b>	<b>4244</b>	<b>593</b>
Noncommercial	159230	114958	28748	8927	3818	1676	484	227	255	81	44	10	...
All species	2748395	1627028	538668	235954	140636	84628	53438	31828	17579	8763	4377	4859	637

**Table 33 — Number of growing-stock trees on timberland by detailed species and diameter class,  
North Mississippi, 1987**

Species	Diameter class (inches at breast height)										
	All classes	5.0- 6.9	7.0- 8.9	9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 & larger
.....-Million cubic feet-.....											
Slashpine	527	128	210	<b>146</b>	29	14	...	...	...	...	...
Shortleaf pine	77078	24468	20849	14298	9861	<b>4687</b>	2230	804	274	108	...
Loblolly pine	109472	<b>40806</b>	32618	16286	10072	<b>4996</b>	2292	1397	604	391	8
Redcedar	8056	5374	1655	582	277	151	...	<b>16</b>	...	...	...
Cypress	708	127	221	150	62	<b>22</b>	42	24	13	34	14
<b>Total softwoods</b>	<b>195840</b>	<b>70903</b>	<b>55053</b>	<b>31462</b>	<b>20301</b>	<b>9870</b>	<b>4563</b>	<b>2241</b>	<b>891</b>	<b>533</b>	<b>22</b>
Select white oaks	<b>29992</b>	<b>11063</b>	<b>6497</b>	4161	2684	2200	1699	889	367	427	6
Select red oaks	11190	2827	2554	1325	1409	1163	955	428	188	317	24
Other white oaks	22727	5957	6061	4092	2977	1837	1009	390	220	<b>176</b>	9
Other red oaks	<b>59828</b>	<b>16728</b>	<b>14402</b>	10979	7219	<b>4478</b>	3091	1365	752	787	27
Sweet pecan	74	...	...	44	31	...	...	...	...	...	...
Waterhickory	125	...	60	44	...	...	...	...	11	10	...
Other hickories	19876	6680	4035	3727	2487	1624	<b>634</b>	402	137	137	12
Pemimmon	1681	1238	361	44	29	...	...	9	...	...	...
Hard maple	476	279	146	...	39	...	11	...	...	...	...
Soft maple	8342	4725	1992	604	587	251	86	62	29	6	...
Boxeldu	538	139	124	105	96	77	...	...	...	...	...
Beech	1222	546	82	199	75	69	70	83	12	86	...
Sweetgum	<b>63378</b>	<b>30906</b>	14915	9649	3942	2197	974	397	180	220	...
Blackgum	7215	1737	2566	1470	863	276	213	66	13	23	...
Other gums/tupelos	1185	386	363	200	45	133	46	...	11	...	...
White ash	2033	631	638	419	232	95	18	...	...	...	...
Other ashes	5758	2389	1549	1034	634	117	53	14	...	18	...
Sycamore	1490	187	389	189	181	281	138	13	58	35	20
Cottonwood	69	...	...	...	35	80	...	...	...	...	4
Basswood	113	77	...	...	36	...	...	...	...	...	...
Yellow-poplar	9229	3455	1829	1023	796	917	665	282	111	218	33
Magnolia	177	137	...	40	...	...	...	...	...	...	...
Sweetbay	1391	997	248	81	27	23	14	...	...	...	...
Wiiow	1140	664	328	159	60	28	...	...	...	...	...
Black walnut	651	492	62	...	33	20	19	15	11	...	...
Blackcherry	1429	956	280	154	29	...	...	...	11	...	...
American elm	2416	1088	319	373	99	358	104	32	24	10	9
Other elmr	<b>7274</b>	<b>3906</b>	1694	989	443	207	16	...	13	6	...
River birch	1946	211	438	431	322	231	153	89	36	34	...
Hackberry	1502	278	680	126	113	142	68	41	20	34	...
Black locust	500	224	47	212	...	18	...	...	...	...	...
Other locusts	76	...	76	...	...	...	...	...	...	...	...
Sassafras	318	281	...	...	37	...	...	...	...	...	...
Dogwood	760	760	...	...	...	...	...	...	...	...	...
Other commercial	467	350	117	...	...	...	...	...	...	...	...
<b>Total hardwoods</b>	<b>266591</b>	<b>100143</b>	<b>62861</b>	<b>41871</b>	<b>25558</b>	<b>16770</b>	<b>9989</b>	<b>4568</b>	<b>2206</b>	<b>2541</b>	<b>144</b>
<b>All species</b>	<b>462431</b>	<b>171047</b>	<b>117904</b>	<b>73333</b>	<b>45859</b>	<b>26641</b>	<b>14502</b>	<b>6808</b>	<b>3097</b>	<b>3074</b>	<b>166</b>

**Table 34 — Volume of growing-stock trees on timberland by species and diameter class, North Mississippi, 1987**

Species	Diameter class (inches at breast height)										
	All classes	5.0- 6.9	7.0- 8.9	9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 & larger
-----Million cubic feet-----											
Slash pine	4.0	0.2	1.4	1.5	0.4	0.5	...	...	...	...	...
Shortleaf pine	858.8	08.2	135.2	179.5	188.6	134.1	85.4	39.9	18.1	9.7	...
Loblolly pine	1049.9	103.7	199.0	195.6	187.2	137.9	86.4	69.0	37.1	32.9	1.2
Redcedar	30.3	<b>10.0</b>	8.5	5.0	3.3	2.9	...	0.6	...	...	...
Cypress	12.8	0.3	1.5	1.8	0.8	0.3	1.1	0.9	0.3	3.2	2.5
<b>Total softwoods</b>	<b>1955.7</b>	<b>182.3</b>	<b>345.6</b>	<b>383.4</b>	<b>380.4</b>	<b>275.7</b>	<b>172.9</b>	<b>110.4</b>	<b>55.6</b>	<b>45.8</b>	<b>3.7</b>
Select white oaks	370.2	28.1	41.6	46.1	47.6	57.1	<b>59.2</b>	38.0	20.1	31.1	1.2
Select red oaks	172.5	7.1	15.7	13.6	25.1	28.6	30.7	17.2	9.4	21.0	4.0
Other white oaks	228.0	14.7	30.3	38.4	43.5	37.7	27.9	14.1	9.8	10.3	1.2
Other red oaks	712.3	43.7	85.6	117.2	117.2	102.9	93.5	53.5	38.8	57.0	3.0
Sweet pecan	0.9	...	...	0.5	0.4	...	...	...	...	...	...
Water hickory	2.1	...	0.4	0.4	...	...	...	...	0.6	0.6	...
Other hickories	214.5	15.3	22.2	37.0	39.3	40.7	22.6	17.5	7.7	11.4	0.9
Persimmon	6.9	2.9	2.5	0.7	0.3	...	...	0.6	...	...	...
Hard maple	2.5	0.8	0.7	...	0.7	...	0.4	...	...	...	...
Soft maple	51.0	11.1	11.9	6.0	9.3	5.9	2.5	2.2	1.4	0.7	...
Boxelder	5.0	0.3	0.6	1.1	1.5	1.5	...	...	...	...	...
Beech	19.6	0.9	0.3	2.1	1.0	1.6	2.3	3.9	0.6	6.8	...
Sweetgum	472.0	68.0	82.1	105.3	70.9	57.7	37.8	20.0	11.4	18.9	...
Blackgum	64.3	3.8	14.1	15.4	14.7	6.1	6.4	1.5	0.6	1.7	...
Other gums/tupelos	11.5	0.9	1.7	2.7	0.7	3.2	1.5	...	0.8	...	...
White ash	16.6	2.2	4.2	3.5	3.6	2.1	1.0	...	...	...	...
Other ashes	44.3	6.4	9.4	11.3	10.7	2.8	1.9	0.6	...	1.2	...
Sycamore	33.5	0.6	3.1	3.5	3.5	7.4	5.7	0.7	3.4	2.7	2.7
Cottonwood	1.3	...	...	...	0.4	0.5	...	...	...	...	0.3
Basswood	1.2	0.3	...	...	0.8	...	...	...	...	...	...
Yellow-poplar	139.2	8.5	11.2	11.7	15.1	24.6	22.5	13.5	6.5	19.2	6.5
Magnolia	0.9	0.4	...	0.6	...	...	...	...	...	...	...
Sweetbay	6.1	2.4	1.4	1.1	0.7	0.4	0.1	...	...	...	...
Willow	6.4	1.2	2.2	1.3	1.1	0.6	...	...	...	...	...
Black walnut	3.7	0.7	0.3	...	0.5	0.7	0.5	0.6	0.4	...	...
Black cherry	6.8	2.4	1.4	1.8	0.7	...	...	...	0.4	...	...
American elm	25.3	2.7	1.7	4.6	1.7	7.9	2.8	1.4	0.7	0.6	1.1
Other elms	43.5	8.8	10.4	10.9	7.3	4.4	0.4	...	1.0	0.2	...
River birch	33.0	0.8	2.6	4.8	5.7	5.9	5.1	3.8	2.0	2.2	...
Hackberry	16.3	0.7	2.9	1.4	2.2	3.2	1.7	1.3	0.9	1.9	...
Black locust	3.5	0.9	0.4	1.9	...	0.3	...	...	...	...	...
Other locusts	0.5	...	0.5	...	...	...	...	...	...	...	...
Sassafras	1.2	0.7	...	...	0.6	...	...	...	...	...	...
Dogwood	0.9	0.9	...	...	...	...	...	...	...	...	...
Other commercial	1.4	0.8	0.7	...	...	...	...	...	...	...	...
<b>Total hardwoods</b>	<b>2718.9</b>	<b>238.8</b>	<b>362.0</b>	<b>444.9</b>	<b>426.8</b>	<b>403.8</b>	<b>326.8</b>	<b>190.4</b>	<b>116.7</b>	<b>187.6</b>	<b>21.1</b>
All species	4674.7	421.1	707.6	828.3	807.2	679.5	499.7	300.8	172.3	233.4	24.8

**Table 35 -- Volume of growing stock in the saw-log portion of sawtimber trees on timberland by detailed species and diameter class, North Mississippi, 1987**

Species	Diameter class (inches at breast height)								
	All classes	9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 & larger
<b>----- Million cubic feet -----</b>									
Slash pine	1.9	1.1	0.4	0.4	...	...	...	...	...
Shortleaf pine	582.7	145.1	169.2	125.1	79.5	37.2	17.0	9.5	...
Loblolly pine	659.3	152.8	167.8	127.5	80.1	65.1	35.2	29.9	0.9
Redcedar	9.6	4.2	2.5	2.4	...	0.4	...	.	...
Cypress	9.7	1.2	0.7	0.2	1.1	0.8	0.3	3.0	2.4
<b>Total softwoods</b>	<b>1263.2</b>	<b>304.4</b>	<b>340.6</b>	<b>255.8</b>	<b>160.7</b>	<b>103.7</b>	<b>52.5</b>	<b>42.3</b>	<b>3.3</b>
Select white oaks	219.0	...	35.2	49.0	52.3	34.5	18.5	28.6	1.0
Select red oaks	114.8	...	17.8	24.8	27.1	14.7	8.3	18.8	3.4
Other white oaks	122.7	...	33.0	32.6	25.5	12.6	8.6	9.1	1.0
Other red oaks	387.0	...	83.6	86.6	81.4	46.2	35.5	51.1	2.7
Sweet pecan	0.3	...	0.3	...	...	...	...	...	...
Water hickory	1.1	...	...	...	...	...	0.6	0.6	...
Other hickories	116.3	...	29.5	34.4	20.1	15.5	6.4	9.6	0.8
Persimmon	0.8	...	0.2	...	...	0.5	...	...	...
Hard maple	1.0	...	0.6	...	0.4	...	...	...	...
Soft maple	16.2	...	6.5	4.5	1.9	1.7	1.2	0.4	...
Boxelder	2.5	...	1.1	1.4	...	...	...	...	...
Beech	13.8	...	0.8	1.3	1.9	3.2	0.6	6.0	...
Sweetgum	175.8	...	48.0	47.6	34.0	17.9	10.8	17.6	...
Blackgum	25.9	...	11.1	5.0	6.0	1.4	0.6	1.7	...
Other gums/tupelos	4.8	...	0.5	2.4	1.2	...	0.8	...	...
White ash	5.4	...	2.7	1.7	1.0	...	...	...	...
Other ashes	13.2	...	7.6	2.4	1.6	0.6	...	1.1	...
Sycamore	22.7	...	2.3	6.3	5.2	0.7	3.1	2.4	2.7
Cottonwood	0.8	...	0.2	0.3	...	...	...	...	0.3
Basswood	0.6	...	0.6	...	...	...	.	...	...
Yellow-poplar	92.6	...	10.7	20.5	19.7	12.3	6.0	17.7	5.7
Sweetbay	1.1	...	0.6	0.4	0.1	...	...	...	...
Willow	1.4	...	1.0	0.5	...	...	.	...	...
Black walnut	2.0	...	0.4	0.4	0.5	0.5	0.3	...	...
Black cherry	0.8	...	0.4	...	...	...	0.4	...	...
American elm	13.1	...	1.2	6.4	2.0	1.4	0.6	0.6	0.9
Other elms	10.1	...	5.0	3.7	0.4	...	0.8	0.2	...
River birch	20.5	...	4.4	4.8	4.3	3.3	1.8	1.9	.
Hackberry	8.8	...	1.5	2.3	1.3	1.1	0.8	1.8	.
Black locust	0.2	...	...	0.2	...	...	...	...	...
Sassafras	0.4	...	0.4	...	...	...	.	...	...
<b>Total hardwoods</b>	<b>1395.8</b>	<b>...</b>	<b>307.3</b>	<b>339.4</b>	<b>287.6</b>	<b>168.1</b>	<b>105.7</b>	<b>169.2</b>	<b>18.5</b>
<b>All species</b>	<b>2659.0</b>	<b>304.4</b>	<b>647.8</b>	<b>595.2</b>	<b>448.3</b>	<b>271.7</b>	<b>158.2</b>	<b>211.5</b>	<b>21.9</b>

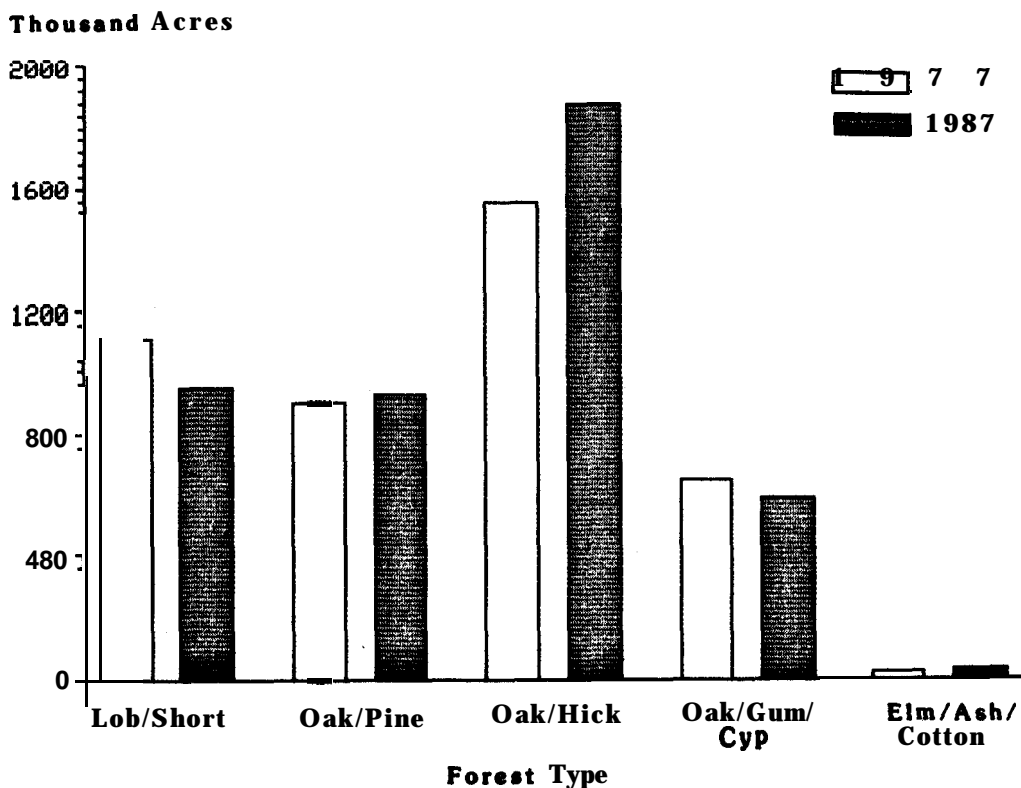
Table 36 — *Volume of timber on timberland by species and class of timber, North Mississippi, 1987*

Species	All live	Growing stock	Rough	Rotten
----- Million cubic feet -----				
Slash pine	4.0	4.0	...	...
Shortleaf pine	882.3	858.8	22.5	1.1
Loblolly pine	1084.8	1049.9	34.1	0.8
<b>Redcedar</b>	38.9	30.3	8.7	...
Cypress	16.1	12.8	3.2	...
Total softwoods	2026.1	1955.7	68.4	2.0
Select white oaks	408.7	370.2	<b>29.6</b>	<b>8.9</b>
Select red oaks	208.4	172.5	31.0	<b>4.9</b>
Other white oaks	284.2	228.0	49.6	6.5
Other red oaks	850.9	712.3	109.8	28.7
Sweet pecan	1.8	0.9	0.9	...
Water hickory	2.9	2.1	0.8	...
Other hickories	262.1	214.5	33.6	14.0
Persimmon	10.8	6.9	3.5	0.4
Hard maple	2.5	2.5	...	...
Soft maple	82.8	51.0	26.8	5.0
<b>Boxelder</b>	8.8	5.0	3.5	0.3
Beech	29.4	19.6	4.1	5.7
<b>Sweetgum</b>	550.7	472.0	70.1	14.7
<b>Blackgum</b>	87.9	64.3	17.4	6.2
Other gums/tupelos	15.5	11.5	2.4	1.6
White ash	23.9	16.6	7.1	0.1
Other ashes	52.0	44.3	7.6	0.1
Sycamore	42.4	33.5	6.9	1.9
Cottonwood	1.3	1.3	...	...
Basswood	1.2	1.2	...	...
Yellow-poplar	155.2	139.2	11.1	4.9
Magnolia	1.7	0.9	0.7	...
<b>Sweetbay</b>	6.9	6.1	0.5	0.3
Willow	12.7	6.4	6.1	0.2
Black walnut	4.8	3.7	1.1	0.1
Black cherry	17.8	6.8	10.2	0.8
American elm	35.6	25.3	9.0	1.3
Other elms	60.9	43.5	16.6	0.8
River birch	41.2	33.0	7.0	1.2
Hackberry	24.8	16.3	8.1	0.4
Black locust	5.0	3.5	1.3	0.3
Other locusts	0.6	0.5	0.1	...
Sassafras	2.9	1.2	1.4	0.2
Dogwood	9.0	0.9	7.9	0.2
Holly	0.1	...	0.1	...
Other commercial	7.8	1.4	5.4	0.9
Total hardwoods	3321.0	2718.9	491.4	110.7
Noncommercial	59.5	...	59.5	...
All species	5406.6	4674.7	619.3	112.6

# GRAPHICS

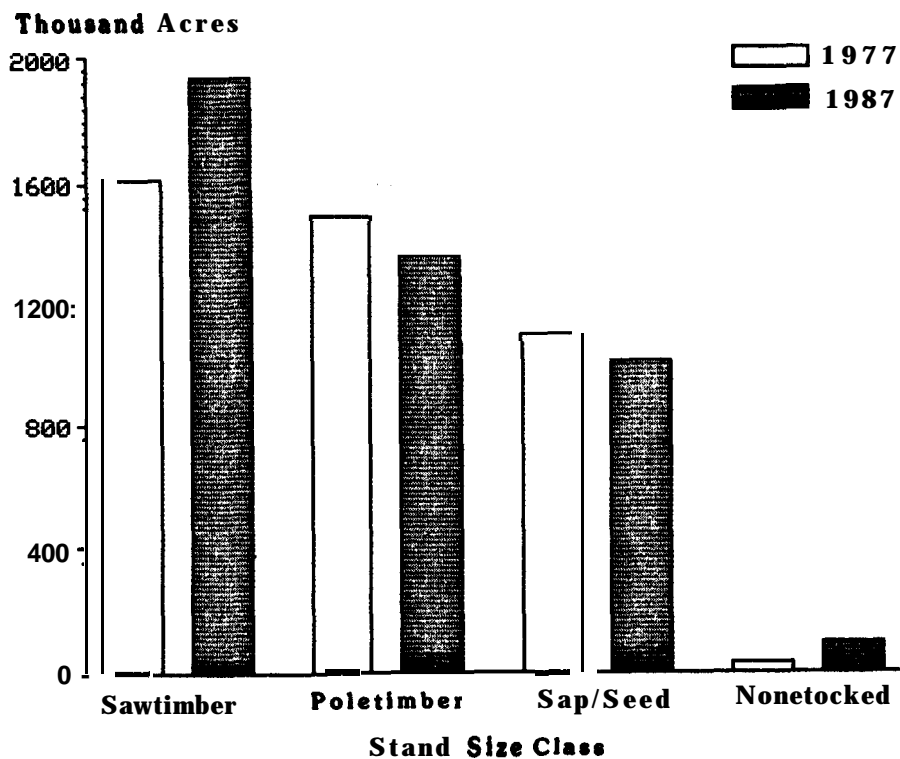
## AREA OF TIMBERLAND BY FOREST TYPE

NORTH MISSISSIPPI 1977 AND 1987



## AREA OF TIMBERLAND BY STAND-SIZE CLASS

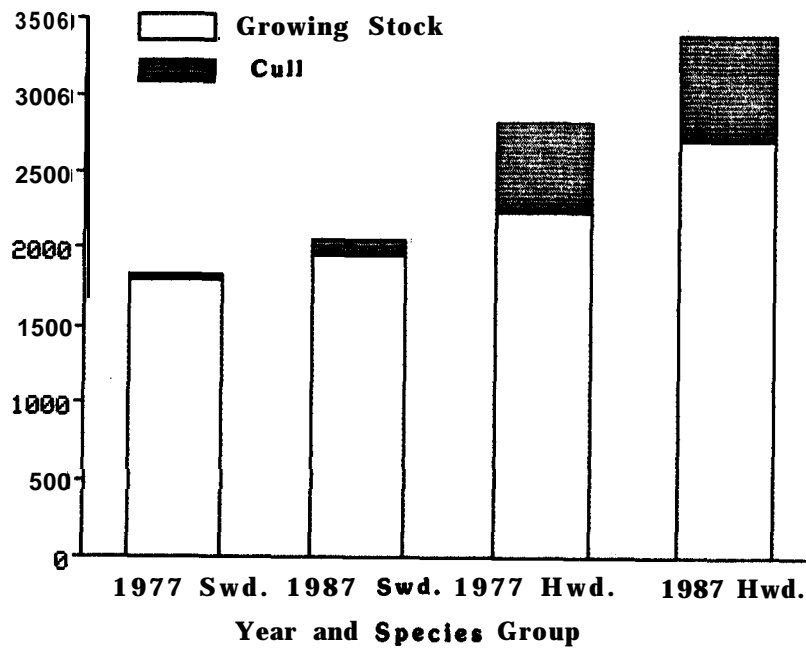
NORTH MISSISSIPPI 1977 AND 1987



# TIMBER VOLUME BY TREE CLASS AND SPECIES

NORTH MISSISSIPPI 1977 AND 1987

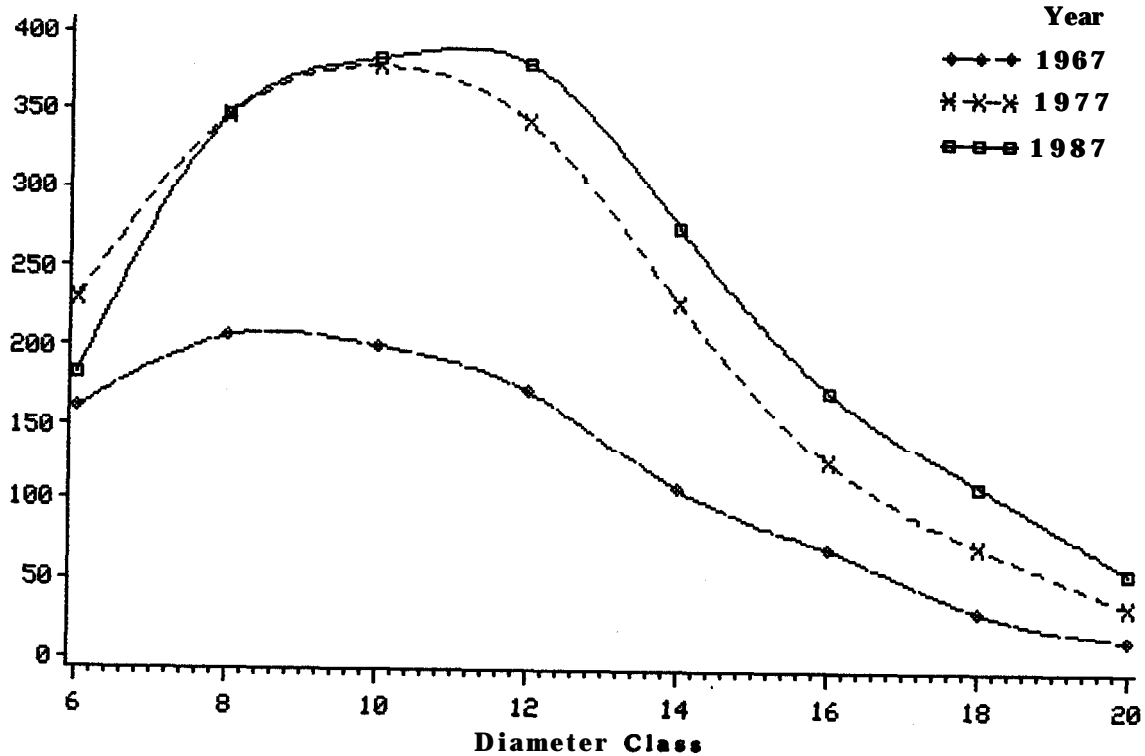
Million Cubic Feet



## SOFTWOOD GROWING STOCK VOLUME BY DBH CLASS

NORTH MISSISSIPPI 1967, 1977 AND 1987

Million Cubic Feet

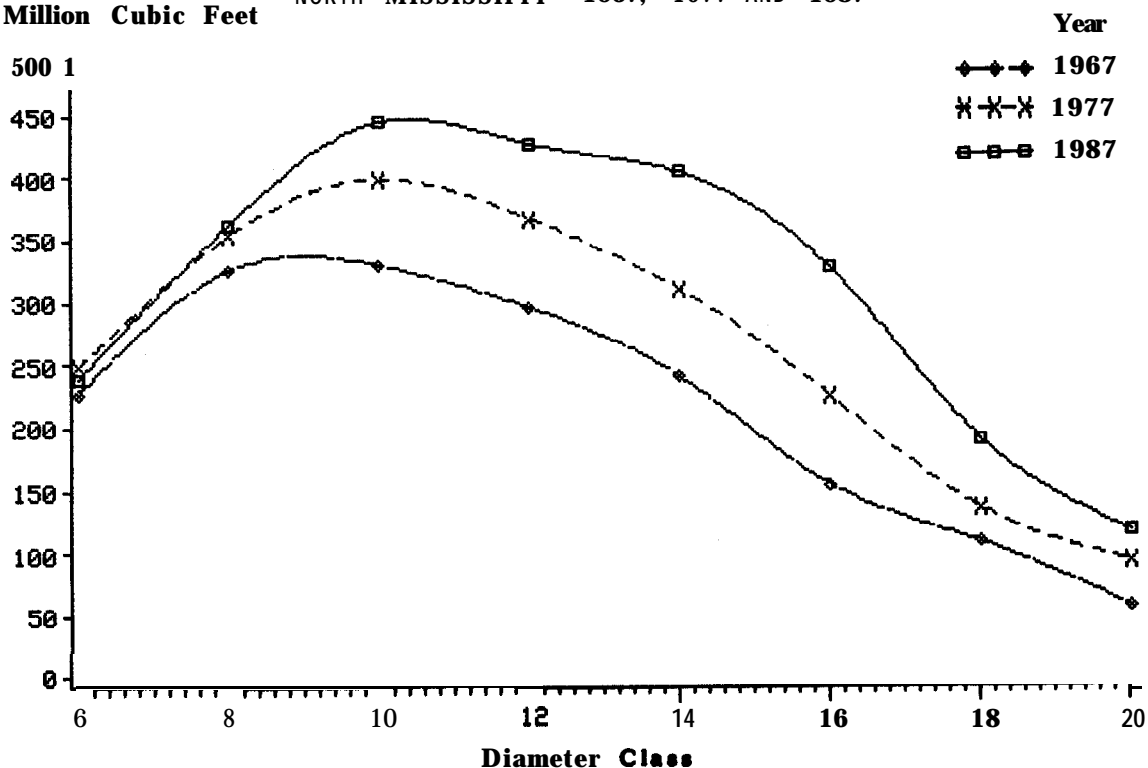




# HARDWOOD GROWING STOCK VOLUME BY DBH CLASS

NORTH MISSISSIPPI 1967, 1977 AND 1987

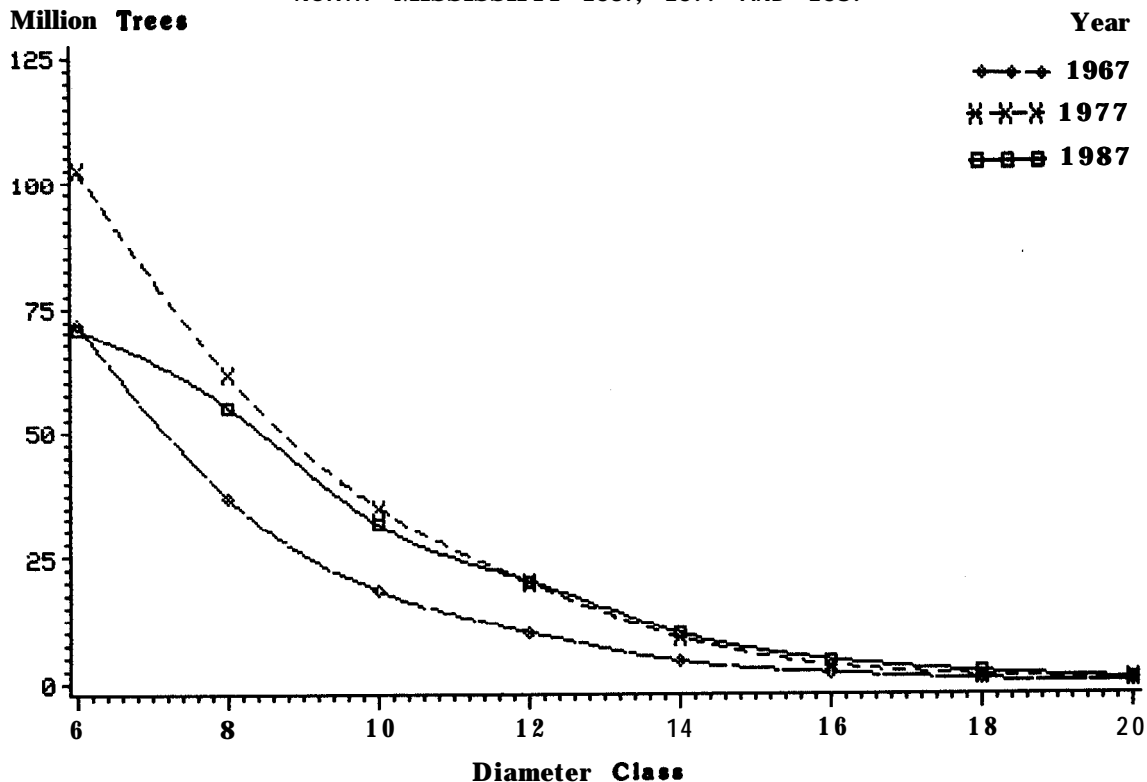
Million Cubic Feet



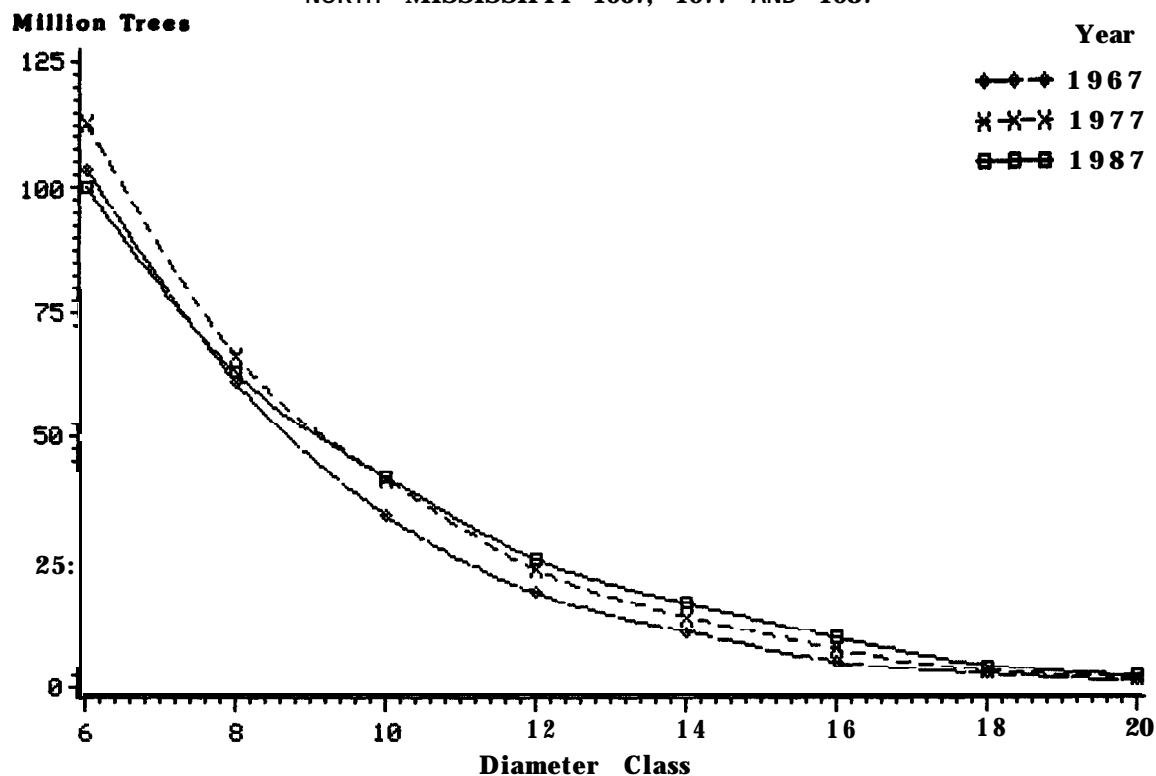
# NUMBER OF SOFTWOOD GROWING STOCK TREES BY DBH CLASS

NORTH MISSISSIPPI 1967, 1977 AND 1987

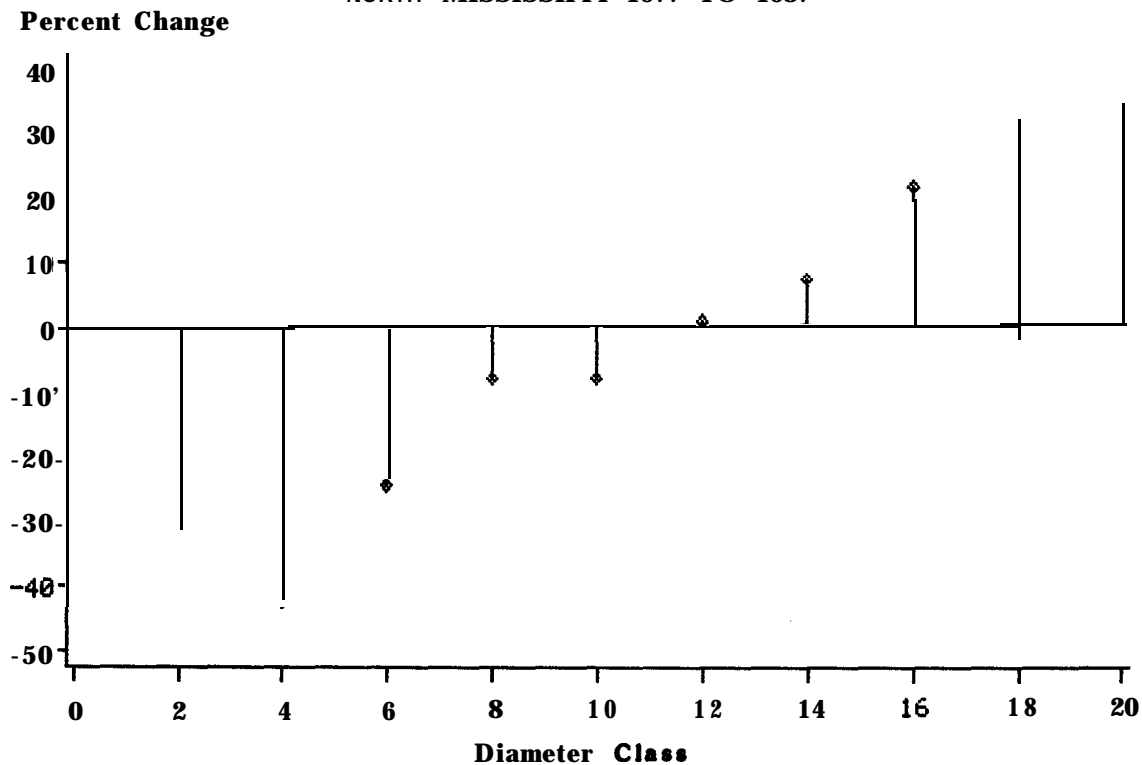
Million Trees



# NUMBER OF HARDWOOD GROWING STOCK TREES BY DBH CLASS NORTH MISSISSIPPI 1967, 1977 AND 1987

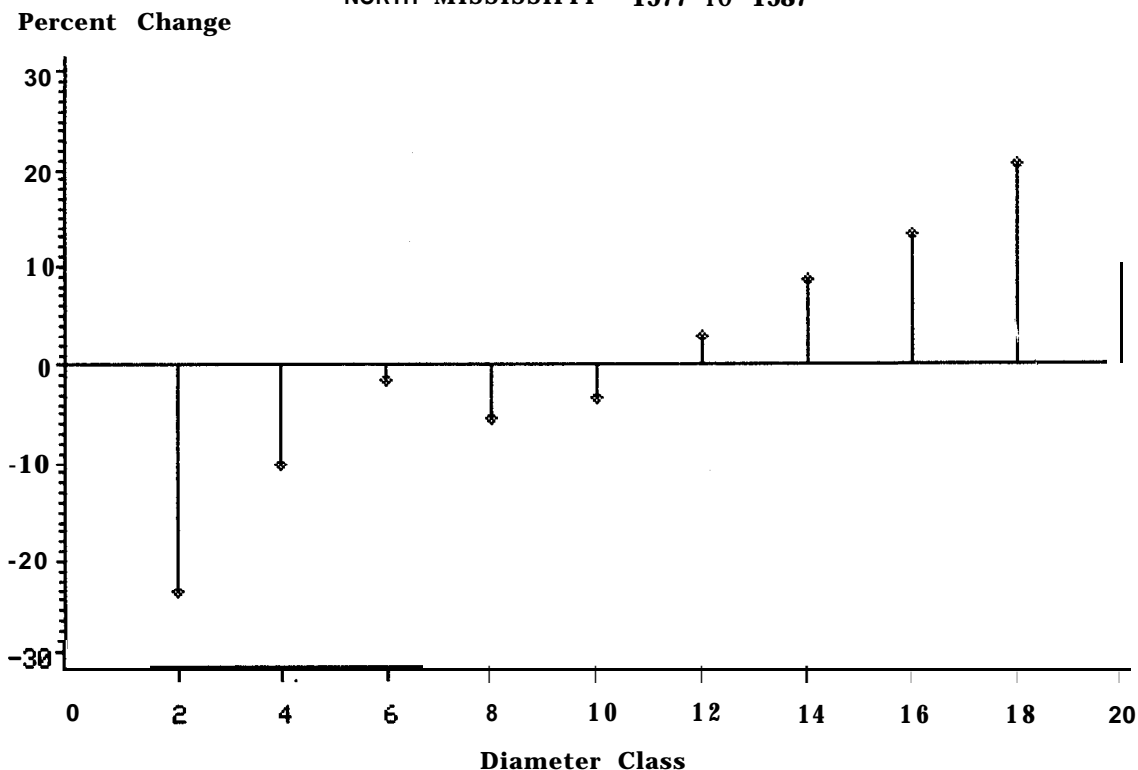


# CHANGE IN NUMBER OF LIVE SOFTWOOD TREES NORTH MISSISSIPPI 1977 TO 1987



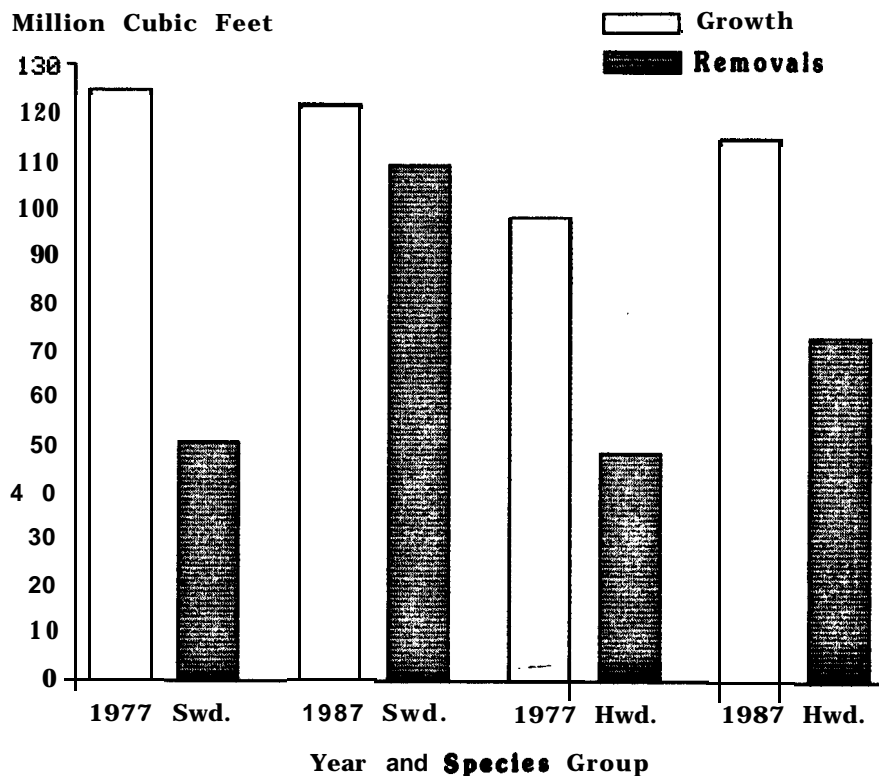
# CHANGE IN NUMBER OF LIVE HARDWOOD TREES

NORTH MISSISSIPPI 1977 TO 1987



## NET GROWTH AND REMOVALS BY SPECIES GROUP

NORTH MISSISSIPPI 1977 AND 1987





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Kelly, John F. and Hines, F. Dee, Forest statistics for North Mississippi counties - **1987**. **Resourc. Bull. SO-1** 22. New Orleans, LA: U.S. Department of Agriculture, Forest Service, Southern Forest Experiment Station; **1987.39** p.

Tabulates forest resource information from a new inventory of North Mississippi counties.

**Additional Keywords:** Area, volume, forest type, stand size, ownership.