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FOREST STATISTICS FOR SOUTHEAST GEORGIA, 1981

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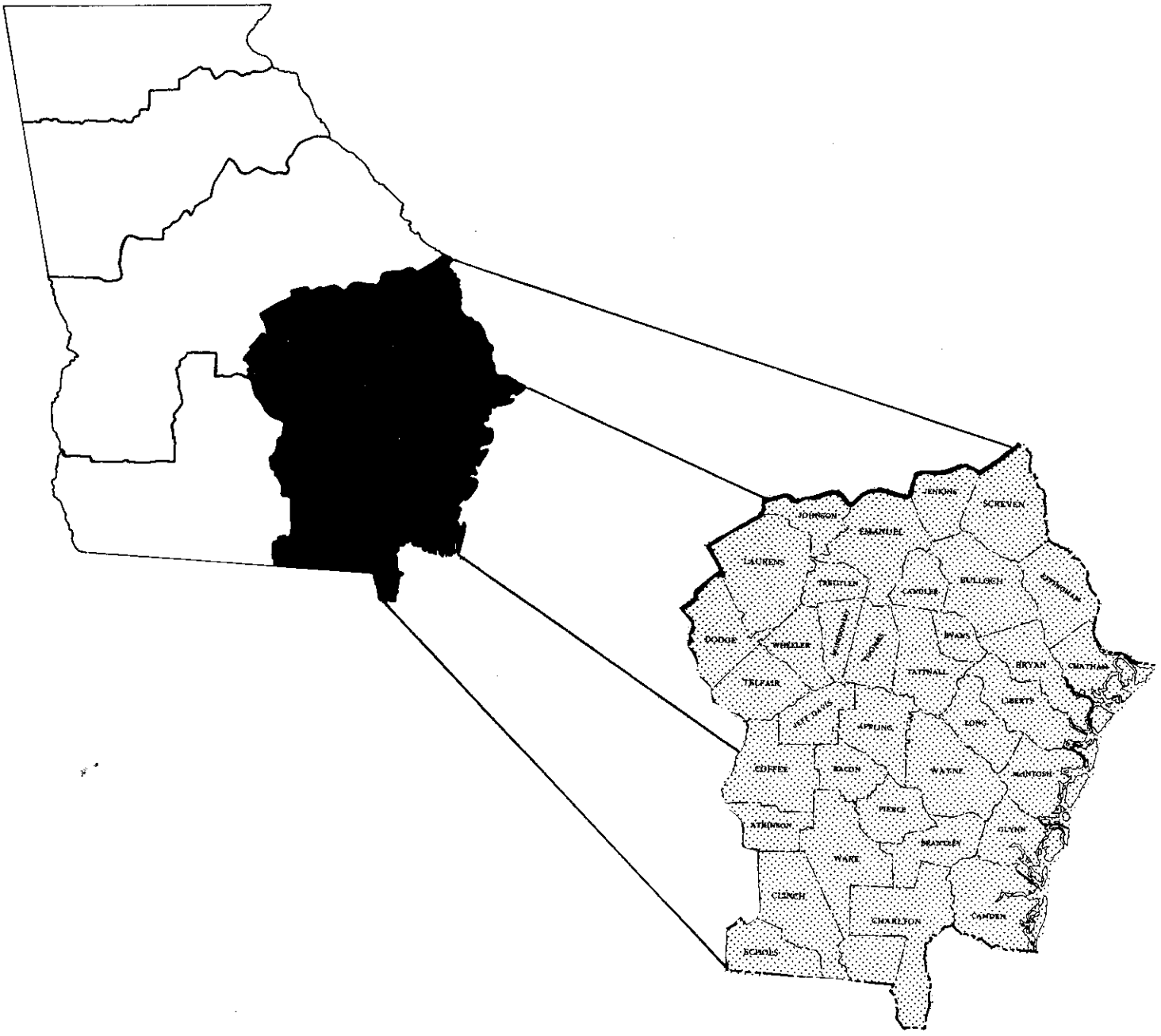

FOREWORD

This report highlights the principal findings of the fifth forest survey of Southeast Georgia. Fieldwork began in November 1980 and was completed in October 1981. Four previous surveys, completed in 1934, 1952, 1960, and 1971, provide statistics for measuring changes and trends over the past 47 years. The primary emphasis in this report is on the changes and trends since 1971. Previously reported figures have been adjusted to provide the best estimate of change.

Periodic surveys of the forest resource are authorized by the Forest and Rangeland Renewable Resources Research Act of 1978. These surveys are a continuing, nationwide undertaking by the regional experiment stations of the Forest Service, USDA. In Florida, Georgia, North Carolina, South Carolina, and Virginia, these surveys are administered by the Renewable Resources Evaluation Research Work Unit at the Southeastern Forest Experiment Station, with headquarters in Asheville, North Carolina. The primary objective of the survey is to periodically inventory and evaluate all forest and related resources. These multiresource data help provide a basis for formulating forest policies and programs and for the orderly development and use of the resources. This report deals only with the extent and condition of forest lands, associated timber volumes, and rates of timber growth and removals.

The 35-county area covered by this report is one of five survey units in Georgia. A similar report, USDA Forest Service Resource Bulletin SE-61, has been issued for Southwest Georgia. Comparable reports for the other three units will be issued as the statewide survey progresses. When completed, this survey will provide updated statistics on the forest resource for all of Georgia.

The Southeastern Station gratefully acknowledges the cooperation and assistance provided by the Georgia Forestry Commission in collecting field data. Appreciation is also expressed for the excellent cooperation of other public agencies, forest industry, and other private landowners in providing information and access to the sample locations.

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Project Leader

June 1982
Southeastern Forest Experiment Station
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FOREST STATISTICS FOR SOUTHEAST GEORGIA, 1981

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HIGHLIGHTS

Since 1971 in Southeast Georgia

•area of commercial forest land has declined by 264,000 acres, or less than 4 percent. More than 319,000 acres of commercial forest land were diverted to other land uses, while only 55,000 acres of new forest were added. About 62 percent of the diverted acreage went to agricultural uses, 23 percent to urban and other miscellaneous uses, and the remaining 15 percent to noncommercial forest. Commercial forests now cover 7.2 million acres, or 67 percent of the land in this 35-county area.

•area of commercial forest land owned by nonindustrial private forest (NIPF) landowners has declined from 5.0 to 4.5 million acres, an 11-percent reduction. Forest industries have increased their fee-simple holdings from 2.1 to 2.3 million acres. They have an additional 505,000 acres of NIPF land under long-term lease; thus, about 40 percent of the commercial forest land is under forest industry control. Public agencies control less than 5 percent of the commercial forests.

•almost 1.8 million acres have been harvested. Nearly 42 percent of the harvested acreage was on lands owned or leased by forest industry. An additional 663,000 acres experienced intermediate cuttings. Other significant treatments and disturbances, primarily prescribed burning, occurred on more than 1.1 million acres during the 10-year period. Diseases, insects, wildfire, and other natural destructive agents damaged 725,000 acres.

•about 769,000 acres, or 76,000 acres per year, have been artificially regenerated and are adequately stocked with suitable species. More than 72 percent of this regeneration was on lands owned or leased by forest industry. Between 1960 and 1971 about 93,000 acres per year were artificially regenerated. Stands originating wholly or in part from planting or direct seeding now make up 27 percent of all commercial forest land.

•area of commercial forest land classified as loblolly pine forest type has increased by 69 percent and now totals nearly 0.7 million acres. In contrast, acreage in the other major pine forest types showed substantial drops. More than 2.9 million acres are currently classified as slash pine forest type, a decline of 7 percent since 1971. Longleaf and pond pine types fell by 22 and 37 percent, respectively. These changes led to a net 3 percent drop in pine forest type acreage. Commercial forests classified as oak-pine type declined by 25 percent during the period. Hardwood types recorded a net 4 percent increase.

•average basal area of all live trees 5.0 inches d.b.h. and larger has increased from 51 to 60 square feet per acre of commercial forest land. Acreage in stands fully stocked with growing-stock trees has increased from 1.8 to 2.5 million acres, or by 38 percent. But current stocking on nearly 1.8 million acres is less than adequate; nearly 70 percent of this acreage is found on NIPF land.

•volume of softwood growing stock has increased from 4.7 to 5.1 billion cubic feet, an increase of almost 10 percent. Volume of both longleaf and pond pine growing stock declined by 21 percent. Loblolly pine accounted for 44 percent of the gain in growing-stock volume. Slash pine, the dominant softwood species in the region, accounted for 40 percent of the gain; cypress made up most of the remaining increase. About 50 percent of the softwood-volume increase occurred in the 6- and 8-inch diameter classes; another 41 percent of the increase occurred in the 16-inch and larger diameter classes. Softwood volume in the 12-inch diameter class dropped by 2 percent, while the 10-inch and 14-inch classes showed modest gains of 2 and 4 percent, respectively. The current inventory of softwood growing stock includes nearly 15.3 billion board feet of sawtimber, up by 9 percent since 1971. Volume of slash pine sawtimber changed little over the period. Loblolly pine was the only major pine species to increase in board-foot volume, accounting for over 69 percent

of the sawtimber gain. Cypress accounted for the remaining increase.

•volume of hardwood growing stock has increased from 2.8 to 3.3 billion cubic feet, an increase of 18 percent. Most of the major hardwood species increased in volume. Tupelo and blackgum and the red oak species group are the major hardwoods in the region. These species made up 57 percent of the hardwood-volume gain. The hardwood-volume increase was distributed across the entire range of diameter classes. The current inventory of hardwood growing stock includes 9.0 billion board feet of sawtimber, up by 23 percent.

•number of 2-inch pine trees has declined by 35 percent, while the number of 4-inch pines has declined by 6 percent. The decline in small pine trees was most severe on NIPF lands (excluding leased), extending into the 6-, 8-, and 10-inch diameter classes. Number of pine trees on NIPF lands declined by 46 percent in the 2-inch diameter class, by 28 percent in the 4-inch class, 21 percent in the 6-inch class, 12 percent in the 8-inch class, and 1 percent in the 10-inch class. Increases in the number of pine trees were recorded in the 12- through the 20-inch diameter classes on NIPF lands. Thus, pine volume has declined in the smaller diameters and increased in the larger diameters on this ownership group since 1971. The situation on forest lands controlled by forest industry is quite different. Large increases in the number of pine trees in the 6- and 8-inch diameter classes on this ownership accounted for almost all the net increase in pine volume in these two diameter classes.

In 1980

•net annual growth of growing stock totaled 555 million cubic feet and included nearly 2.0 billion board feet of sawtimber. Net growth per acre of all growing-stock trees has increased from 56 cubic feet in 1970 to the present 77 cubic feet. By ownership class, per acre net growth on lands owned or leased by forest industry has increased from 49 cubic feet in 1970 to 81 cubic feet in 1980, an increase of 65 percent. Net growth on NIPF lands (excluding leased) went from 58 to 74 cubic feet per acre of commercial forest land, an increase of 27 percent. About 42 percent of the current net growth occurred on lands owned or leased by forest industry, 28 percent on miscellaneous private ownerships, 25 percent on farm woodlands, and 5 percent on forests controlled by public agencies. Yellow pines accounted for 77 percent of the net growth. Across all ownerships, yellow pine growth exceeded annual removals by less than 4 percent, while hardwood growth was more than double hardwood removals. Yellow pine removals exceeded pine net growth by more than 16 percent on farm ownerships. Pine net growth exceeded removals on all other ownerships.

•removals of growing stock totaled 473 million cubic feet and included 1.7 billion board feet of sawtimber. By ownership class, 41 percent of the growing-stock removals came from lands owned or leased by forest industry, 25 percent from miscellaneous private forests, 29 percent from farmer-owned lands, and 5 percent from public forests. Yellow pines accounted for 88 percent of the removals. Yellow pine removals have increased by 34 percent since the previous inventory, but hardwood removals have declined by 2 percent. More than one-half of the increase in yellow pine removals occurred in the 8- and 10-inch diameter classes.

•mortality of growing stock totaled 66 million cubic feet and included 170 million board feet of sawtimber. Softwood species made up 65 percent of the mortality. Disease, suppression, weather, and insects were the leading identifiable causes of death. Mortality reduced gross growth by 11 percent.

HOW THE INVENTORY IS MADE

The method of the inventory is a sampling procedure designed to provide reliable statistics primarily at the State and Survey Unit levels. Individual county statistics are presented so that any combination of counties may be added together until a total is large enough to meet the desired degree of reliability. Procedures were as follows:

1. Initial estimates of forest and nonforest areas were based on the classification of 30,824 sample clusters systematically spaced on the latest aerial photographs available. A subsample of 3,978 of the 16-point clusters was ground checked, and a linear regression was fitted to the data to develop the relationship between the photo and ground classification of the subsample. This procedure provides a means for adjusting the initial estimates of area for change in land use since date of photography and for photo misclassifications.

2. Estimates of timber volume and forest classifications were based on measurements recorded at 2,603 ground sample locations systematically distributed within the commercial forest land. The plot design at each location was based on a cluster of 10 points. In most cases, variable plots, using a basal-area factor of 37.5 square feet per acre, were systematically spaced within a single forest condition at 5 of the 10 cluster points. Trees less than 5 inches d.b.h. were tallied on a fixed-radius plot around each point center.

3. Equations prepared from detailed measurements collected on standing trees in this Unit, and similar measurements taken throughout the Southeast, were used to compute the volume of individual tally trees. A mirror caliper and sectional aluminum poles were used to obtain the additional measurements on these standing trees required to construct volume equations.

4. Felled trees were measured at 27 active cutting operations. These data will be pooled with similar measurements taken in the State to supplement the standing-tree volume data and to generate utilization factors for product and species groups that will be analyzed at the State level.

5. Estimates of growth, removals, and mortality were determined from the remeasurement of 1,986 permanent sample plots established in the fourth survey.

6. Ownership information was collected from correspondence, public records, and local contacts. In those counties where the sample missed a particular ownership class, temporary sample plots were added on these lands.

7. All field data were sent to Asheville for editing and were punched into cards and stored for machine computing, sorting, and tabulation. Final estimates were based on statistical summaries of the data.

RELIABILITY OF THE DATA

Statistical analysis of these data indicates the following sampling errors in terms of one standard error (two times out of three):

	Percent
Per million acres of commercial forest land	1.07
Per billion cubic feet of growing stock	5.64
Per billion cubic feet of net annual growth	1.43
Per billion cubic feet of annual removals	3.14

SAMPLING ERRORS FOR COUNTY AND UNIT TOTALS,[1] IN TERMS OF ONE STANDARD ERROR

COUNTY	COMMERCIAL FOREST AREA	CUBIC-FOOT VOLUME OF GROWING STOCK		
		INVENTORY	GROWTH	REMOVALS
	SAMPLING ERROR[2]			
APPLING	2.10	10.75	10.27	26.31
ATKINSON	2.32	14.56	13.56	33.12
BACON	3.20	15.53	14.67	38.35
BRANTLEY	1.28	12.61	14.03	25.05
BRYAN	1.52	9.18	10.00	26.63
BULLOCH	2.03	7.93	8.32	23.27
CAMDEN	1.88	9.01	9.04	22.35
CANDLER	3.70	21.84	18.98	39.91
CHARLTON	1.28	9.38	8.53	26.83
CHATHAM	4.68	12.66	15.21	39.91
CLINCH	0.82	8.45	8.21	16.20
COFFEE	2.35	11.80	11.12	19.68
DODGE	2.32	10.62	11.79	21.88
ECHOLS	0.91	10.37	11.53	27.31
EFFINGHAM	1.38	9.22	10.11	27.65
EMANUEL	1.50	9.44	8.59	17.96
EVANS	4.81	18.22	14.31	70.88
GLYNN	3.28	17.96	13.70	31.93
JEFF DAVIS	3.24	15.40	14.36	35.60
JENKINS	3.22	14.10	12.27	32.31
JOHNSON	3.36	15.07	14.11	27.41
LAURENS	1.90	7.18	8.70	18.91
LIBERTY	1.74	8.86	10.19	29.30
LONG	0.90	9.88	10.35	33.00
MCINTOSH	6.32	11.69	12.66	33.33
MONTGOMERY	3.30	14.21	14.24	27.07
PIERCE	2.68	12.82	15.20	25.73
SCREVEN	2.66	10.63	9.04	30.79
TATTNALL	2.47	13.64	13.10	26.88
TELFAIR	1.76	10.90	9.92	28.00
TOOMBS	4.05	15.20	15.65	26.95
TREUTLEN	2.58	16.30	16.18	25.60
WARE	1.52	9.55	10.11	18.72
WAYNE	1.19	10.28	10.00	25.73
WHEELER	2.16	12.90	12.06	26.56
UNIT TOTAL	0.40	1.95	1.92	4.56

[1] SAMPLING ERROR OF BREAKDOWNS OF COUNTY AND UNIT TOTALS MAY BE COMPUTED WITH THE FOLLOWING FORMULA:

$$E = \frac{(SE)\sqrt{(\text{SPECIFIED VOLUME OR AREA})}}{\sqrt{(\text{VOLUME OR AREA TOTAL IN QUESTION})}}$$

WHERE: E = SAMPLING ERROR OF THE VOLUME OR AREA TOTAL IN QUESTION.
SE = SPECIFIED SAMPLING ERROR IN TABLE.

[2] BY RANDOM-SAMPLING FORMULA (IN PERCENT).

DEFINITIONS OF TERMS

Acceptable trees.—Growing-stock trees of commercial species that meet specified standards of size and quality, but not qualifying as desirable trees.

Basal area.—The area in square feet of the cross section at breast height of a single tree or of all the trees in a stand, usually expressed as square feet of basal area per acre.

Commercial forest land.—Forest land producing or capable of producing crops of industrial wood and not withdrawn from timber utilization.

Commercial species.—Tree species presently or prospectively suitable for industrial wood products.

Cropland.—Land under cultivation within the past 24 months, including orchards and land in soil-improving crops, but excluding land cultivated in developing improved pasture. Also includes idle farmland.

Desirable trees.—Growing-stock trees of commercial species having no serious defects in quality limiting present or prospective use for timber products, of relatively high vigor, and containing no pathogens that may result in death or serious deterioration before rotation age.

Diameter class.—A classification of trees based on diameter outside bark, measured at breast height (4½ feet above the ground). D.b.h. is the common abbreviation for "diameter at breast height." Two-inch diameter classes are commonly used in Renewable Resources Evaluation, with the even inch the approximate midpoint for a class. For example, the 6-inch class includes trees 5.0 through 6.9 inches d.b.h., inclusive.

Farm.—Lands on which agriculture operations are being conducted and sale of agriculture products totaled $1,000 or more during the year.

Farm operator.—A person who operates a farm, either doing the work himself or directly supervising the work.

Farmer-owned lands.—Lands owned by farm operators.

Forest industry lands.—Lands owned by companies or individuals operating wood-using plants.

Forest land.—Land at least 16.7 percent stocked by forest trees of any size, or formerly having had such tree cover, and not currently developed for nonforest use.

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

Longleaf-slash pine.—Forests in which longleaf or slash pine, singly or in combination, comprise a plurality of the stocking. (Common associates include oak, hickory, and gum.)

Loblolly-shortleaf pine.—Forests in which loblolly pine, shortleaf pine, or other southern yellow pines, except longleaf or slash pine, singly or in combination, comprise a plurality of the stocking. (Common associates include oak, hickory, and gum.)

Oak-pine.—Forests in which hardwoods (usually upland oaks) comprise a plurality of the stocking but in which pines comprise 25 to 50 percent of the stocking. (Common associates include gum, hickory, and yellow-poplar.)

Oak-hickory.—Forests in which upland oaks or hickory, singly or in combination, comprise a plurality of the stocking, except where pines comprise 25 to 50 percent, in which case the stand would be classified oak-pine. (Common associates include yellow-poplar, elm, maple, and black walnut.)

Oak-gum-cypress.—Bottom land forests in which tupelo, blackgum, sweetgum, oaks, or southern cypress, singly or in combination, comprise a plurality of the stocking, except where pines comprise 25 to 50 percent, in which case the stand would be classified oak-pine. (Common associates include cottonwood, willow, ash, elm, hackberry, and maple.)

Elm-ash-cottonwood.—Forests in which elm, ash, or cottonwood, singly or in combination, comprise a plurality of the stocking. (Common associates include willow, sycamore, beech, and maple.)

Gross growth.—Annual increase in net volume of trees in the absence of cutting and mortality.

Growing-stock trees.—Live trees of commercial species qualifying as desirable or acceptable trees.

Growing-stock volume.—Net volume in cubic feet of growing-stock trees 5.0 inches d.b.h. and over 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. (Net volume in primary forks is included.)

Hardwoods.—Dicotyledonous trees, usually broad-leaved and deciduous.

Soft hardwoods.—Soft-textured hardwoods such as boxelder, red and silver maple, buckeye, hackberry, loblolly-bay, silverbell (in mountains), butternut, sweetgum, yellow-poplar, cucumbertree, magnolia, sweetbay, water tupelo, blackgum, sycamore, cottonwood, black cherry, willow, basswood, and elm.

Hard hardwoods.—Hard-textured hardwoods such as Florida and sugar maple, birch, hickory, dogwood, persimmon (forest grown), beech, ash, honeylocust, holly, black walnut, mulberry, all commercial oaks, and black locust.

Idle farmland.—Includes former croplands, orchards, improved pastures and farm sites not tended within the past 2 years, and presently less than 16.7 percent stocked with trees.

Improved pasture.—Land currently improved for grazing by cultivation, seeding, irrigation, or clearing of trees or brush.

Industrial wood.—All roundwood products except fuelwood.

Land area.—The area of dry land and land temporarily or partly covered by water such as marshes, swamps, and river flood plains (omitting tidal flats below mean high tide); streams, sloughs, estuaries, and canals less than 1/8 of a statute mile in width; and lakes, reservoirs, and ponds less than 40 acres in area.

Logging residues.—The unused portions of trees cut or killed by logging.

Miscellaneous Federal lands.—Federal lands other than National Forests, lands administered by the Bureau of Land Management, and Indian lands.

Miscellaneous private lands - corporate.—Lands owned by private corporations other than forest industry.

Miscellaneous private lands - individual.—Privately owned lands other than forest-industry, farmer-owned, or corporate lands.

Mortality.—Number or sound-wood volume of live trees dying from natural causes during a specified period.

National Forest land.—Federal lands which have been legally designated as National Forests or purchase units, and other lands under the administration of the Forest Service, including experimental areas and Bankhead-Jones Title III lands.

Net annual growth.—The increase in volume for a specific year.

Net volume.—Gross volume less deductions for rot, sweep, or other defect affecting use for timber products.

Noncommercial forest land.—(a) Unproductive forest land incapable of yielding crops of industrial wood because of adverse site conditions, and (b) productive-reserved forest land.

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.

Nonforest land.—Land that has never supported forests and lands formerly forested where timber management is precluded by development for other uses.

Nonstocked land.—Commercial forest land less than 16.7 percent stocked with growing-stock trees.

Other Federal lands.—Federal lands other than National Forests, including lands administered by the Bureau of Land Management, Bureau of Indian Affairs, and other Federal agencies.

Other public lands.—Publicly owned lands other than National Forests.

Overstocked areas.—Areas where growth of trees is significantly reduced by excessive numbers of trees.

Poletimber trees.—Growing-stock trees of commercial species at least 5.0 inches in d.b.h. but smaller than sawtimber size.

Productive-reserved forest land.—Forest land sufficiently productive to qualify as commercial forest land, but withdrawn from timber utilization through statute or administrative designation.

Rangeland.—Land on which the natural plant cover is composed principally of native grasses, forbs, or shrubs valuable for forage.

Rotten trees.—Live trees of commercial species that do not contain at least one 12-foot saw log, or two noncontiguous saw logs, each 8 feet or longer, now or prospectively, primarily because of rot or missing sections, and with less than one-third of the gross tree volume in sound material.

Rough trees.—(a) Live trees of commercial species that do not contain at least one 12-foot saw log, or two noncontiguous saw logs, each 8 feet or longer, now or prospectively, primarily because of roughness, poor form, splits, and cracks, and with less than one-third of the gross tree volume in sound material; and (b) all live trees of noncommercial species.

Salvable dead trees.—Standing or down dead trees that are considered merchantable by Renewable Resources Evaluation standards.

Saplings.—Live trees 1.0 to 5.0 inches in diameter at breast height.

Saw log.—A log meeting minimum standards of diameter, length, and defect, including logs at least 8 feet long, sound and straight, and with a minimum diameter inside bark for softwoods of 6 inches (8 inches for hardwoods).

Saw-log portion.—That part of the bole of sawtimber trees between the stump and the saw-log top.

Saw-log top.—The point on the bole of sawtimber trees above which a saw log cannot be produced. The minimum saw-log top is 7.0 inches d.o.b. for softwoods and 9.0 inches d.o.b. for hardwoods.

Sawtimber trees.—Live trees of commercial species containing at least a 12-foot saw log, or two noncontiguous saw logs, each 8 feet or longer, and with at least one-third of the gross board-foot volume between the 1-foot stump and minimum saw-log top being sound. Softwoods must be at least 9.0 inches and hardwoods at least 11.0 inches in diameter at breast height.

Sawtimber volume.—Net volume of the saw-log portion of live sawtimber in board-foot International ¼-inch rule.

Seedlings.—Live trees less than 1.0 inch in diameter at breast height that are expected to survive and develop.

Site class.—A classification of forest land in terms of inherent capacity to grow crops of industrial wood based on fully stocked natural stands.

Class 1.—Sites capable of producing 165 or more cubic feet per acre annually.

Class 2.—Sites capable of producing 120 to 165 cubic feet per acre annually.

Class 3.—Sites capable of producing 85 to 120 cubic feet per acre annually.

Class 4.—Sites capable of producing 50 to 85 cubic feet per acre annually.

Class 5.—Sites incapable of producing 50 cubic feet per acre annually, but excluding unproductive sites.

Softwoods.—Coniferous trees, usually evergreen, having needles or scalelike leaves.

Pines.—Yellow pine species which include loblolly, longleaf, slash, shortleaf, pitch, Virginia, Table Mountain, sand, and spruce pine.

Other softwoods.—White pine, hemlock, cypress, eastern redcedar, white-cedar, spruce, and fir.

Stand-size class.—A classification of forest land based on the size class of growing-stock trees on the area.

Sawtimber stands.—Stands at least 16.7 percent stocked with growing-stock trees, with half or more of total stocking in sawtimber or poletimber trees, and with sawtimber stocking at least equal to poletimber stocking.

Poletimber stands.—Stands at least 16.7 percent stocked with growing-stock trees of which half or more of this stocking is in poletimber and sawtimber trees, and with poletimber stocking exceeding that of sawtimber.

Sapling-seedling stands.—Stands at least 16.7 percent stocked with growing-stock trees of which more than half of the stocking is saplings and seedlings.

State, county, and municipal lands.—Lands owned by States, counties, and local public agencies or municipalities, or lands leased to these governmental units for 50 years or more.

Stocking.—The degree of occupancy of land by trees, measured by basal area or the number of trees in a stand and spacing in the stand, compared to a minimum standard, depending on tree size, to fully utilize the growth potential of the land. (See page 7.)

Timber removals.—The net volume of growing-stock trees removed from the inventory by harvesting; cultural operations, such as stand improvement; land clearing, or changes in land use.

Unproductive forest land.—Forest land incapable of producing 20 cubic feet per acre of industrial wood under natural conditions, because of adverse site conditions.

Upper-stem portion.—That part of the main stem or fork of sawtimber trees above the saw-log top to a minimum top diameter of 4.0 inches outside bark or to the point where the main stem or fork breaks into limbs.

Urban and other areas.—Areas within the legal boundaries of cities and towns; suburban areas developed for residential, industrial, or recreational purposes; school yards; cemeteries; roads; railroads; airports; beaches; powerlines and other rights-of-way; or other nonforest land not included in any other specified land use class.

STOCKING STANDARD

D.B.H. CLASS	MINIMUM NUMBER OF TREES PER ACRE FOR FULL STOCKING	MINIMUM BASAL AREA PER ACRE FOR FULL STOCKING	PERCENT STOCKING ASSIGNED EACH TALLY TREE[1]
SEEDLINGS	600	--	5.0
2	560	--	5.4
4	460	--	6.5
6	340	67	5.8
8	240	84	4.8
10	155	85	4.3
12	115	90	4.0
14	90	96	3.8
16	72	101	3.7
18	60	106	3.5
20	51	111	3.5

[1] STOCKING PERCENTAGES BASED ON TALLY AT ALL 10 POINTS OF A 10-POINT CLUSTER OF PLOTS. TREES LESS THAN 5 INCHES D.B.H. WERE TALLIED ON CIRCULAR, 1/300-ACRE PLOTS AT EACH POINT. TREES 5.0 INCHES D.B.H. AND LARGER WERE TALLIED ON VARIABLE PLOTS USING A BASAL AREA FACTOR OF 37.5 AT EACH SAMPLE POINT.

OVERSTOCKED--OVER 130 PERCENT
FULLY STOCKED--100-130 PERCENT
MEDIUM STOCKED--60-99 PERCENT
POORLY STOCKED--16.7-59 PERCENT
NONSTOCKED--LESS THAN 16.7 PERCENT

CUBIC FEET OF WOOD PER AVERAGE CORD (EXCLUDING BARK)

D.B.H. CLASS	ALL SPECIES	PINE	OTHER SOFTWOOD	HARDWOOD
6	60.9	61.0	68.2	60.0
8	68.6	68.1	76.0	68.4
10	73.6	73.1	81.4	73.4
12	77.0	76.7	85.2	76.4
14	79.4	79.4	88.2	78.4
16	81.2	81.6	90.4	79.8
18	82.1	83.3	92.3	80.8
20	83.1	84.8	93.8	81.5
22	83.9	86.0	95.1	82.1
24+	85.0	87.8	98.2	83.2
AVERAGE	73.5	72.1	83.3	74.2

COUNTY TABLES

THE COUNTY TABLES ARE INTENDED FOR USE IN COMPILING FOREST RESOURCE ESTIMATES FOR GROUPS OF COUNTIES. BECAUSE THE SAMPLING PROCEDURE USED BY THE FOREST SURVEY WAS INTENDED PRIMARILY TO FURNISH INVENTORY DATA FOR THE SURVEY UNIT AS A WHOLE, INDIVIDUAL COUNTY ESTIMATES HAVE LIMITED AND VARIABLE ACCURACY. AS COUNTY TOTALS ARE BROKEN DOWN BY VARIOUS SUBDIVISIONS, THE POSSIBILITY OF ERROR INCREASES AND IS GREATEST FOR THE SMALLEST ITEMS. THE ORDER OF TH S INCREASE CAN BE COMPUTED WITH THE FORMULA ON PAGE **4**.

TABLE 1.--*AREA, BY LAND CLASS AND COUNTY, 1981*

COUNTY	ALL LAND[1]	FOREST LAND				NONFOREST LAND[2]
		TOTAL	COMMERCIAL FOREST	UNPRODUCTIVE FOREST	PRODUCTIVE-RESERVED	
	ACRES					
APPLING	328,320	220,632	220,632	--	--	107,688
ATKINSON	203,520	155,030	155,030	--	--	48,490
BACON	187,520	118,587	118,587	--	--	68,933
BRANTLEY	286,080	255,092	255,092	--	--	30,988
BRYAN	283,520	236,904	236,685	23	196	46,616
BULLOCH	437,760	227,709	227,709	--	--	210,051
CAMDEN	417,920	312,999	298,931	309	13,759	104,921
CANDLER	160,000	81,902	81,902	--	--	78,098
CHARLTON	509,520	488,886	318,444	--	170,442	20,634
CHATHAM	284,800	105,314	100,946	506	3,862	179,486
CLINCH	509,440	484,787	464,955	--	19,832	24,653
COFFEE	391,680	230,514	229,038	--	1,476	161,166
DODGE	318,720	193,151	193,151	--	--	125,569
ECHOLS	272,000	257,509	257,349	160	--	14,491
EFFINGHAM	307,200	240,622	240,622	--	--	66,578
EMANUEL	439,040	285,041	284,136	--	905	153,999
EVANS	119,040	70,827	70,827	--	--	48,213
GLYNN	269,610	157,021	153,208	141	3,672	112,589
JEFF DAVIS	211,840	147,124	147,124	--	--	64,716
JENKINS	224,640	130,457	129,568	--	889	94,183
JOHNSON	200,320	109,097	109,097	--	--	91,223
LAURENS	518,400	313,161	313,161	--	--	205,239
LIBERTY	328,960	255,669	255,627	--	42	73,291
LONG	257,280	235,275	234,556	--	719	22,005
MCINTOSH	272,640	204,204	190,233	2,880	11,091	68,436
MONTGOMERY	151,040	99,387	99,387	--	--	51,653
PIERCE	218,880	142,128	142,128	--	--	76,752
SCREVEN	416,640	239,148	239,148	--	--	177,492
TATTNALL	313,600	185,675	185,510	--	165	127,925
TELFAIR	281,600	197,159	197,059	--	100	84,441
TOOMBS	235,520	118,673	118,673	--	--	116,847
TREUTLEN	124,160	83,840	83,840	--	--	40,320
WARE	583,680	510,174	340,739	14,142	155,293	73,506
WAYNE	412,800	339,280	338,827	--	453	73,520
WHEELER	195,840	134,027	132,995	--	1,032	61,813
TOTAL	10,673,530	7,567,005	7,164,916	18,161	383,928	3,106,525

[1] FROM U. S. BUREAU OF THE CENSUS, LAND AND WATER AREA OF THE UNITED STATES, 1970

[2] INCLUDES 95,045 ACRES OF WATER ACCORDING TO SURVEY STANDARDS OF AREA CLASSIFICATION, BUT DEFINED BY THE BUREAU OF THE CENSUS AS LAND.

TABLE 2.--*AREA OF COMMERCIAL FOREST LAND, BY OWNERSHIP CLASS AND COUNTY, 1981*

COUNTY	ALL OWNERSHIPS	OWNERSHIP CLASS							
		NATIONAL FOREST	MISCELLANEOUS FEDERAL	STATE	COUNTY AND MUNICIPAL	FOREST INDUSTRY[1]	FARMER	MISCELLANEOUS PRIVATE	
								CORPORATE	INDIVIDUAL
	ACRES								
APPLING	220,632	--	--	25	880	69,590	70,701	6,750	72,686
ATKINSON	155,030	--	--	--	--	61,726	52,482	2,916	37,906
BACON	118,587	--	--	--	2,367	24,671	43,217	2,702	45,630
BRANTLEY	255,092	--	--	6,219	--	158,744	29,404	7,793	52,932
BRYAN	236,685	--	89,394	7,171	115	43,772	42,107	2,885	51,241
BULLOCH	227,709	--	--	125	268	22,760	146,779	5,372	52,405
CAMDEN	298,931	--	6,657	--	--	141,377	2,867	2,867	145,163
CANDLER	81,902	--	--	--	125	9,823	53,966	2,570	15,418
CHARLTON	318,444	--	5,490	--	1,145	180,901	24,947	43,658	62,303
CHATHAM	100,946	--	3,345	10,030	1,020	31,818	3,225	9,678	41,830
CLINCH	464,955	--	2,410	--	110	245,008	23,748	107,944	85,735
COFFEE	229,038	--	--	--	277	12,542	153,726	8,717	53,776
DODGE	193,151	--	--	--	--	24,463	82,509	10,944	75,235
ECHOLS	257,349	--	--	--	--	62,806	12,683	124,712	57,148
EFFINGHAM	240,622	--	5,972	--	254	56,306	63,175	15,167	99,748
EMANUEL	284,136	--	--	--	482	70,078	107,314	7,118	99,144
EVANS	70,827	--	15,858	--	178	6,458	24,167	--	24,166
GLYNN	153,208	--	1,228	1,701	965	88,160	316	32,930	27,908
JEFF DAVIS	147,124	--	--	--	9	42,843	40,550	17,379	46,343
JENKINS	129,568	--	40	14	45	46,868	61,424	--	21,177
JOHNSON	109,097	--	--	--	52	19,185	57,183	5,446	27,231
LAURENS	313,161	--	20	--	1,071	35,644	129,333	1,018	146,075
LIBERTY	255,627	--	103,221	--	264	51,047	--	6,696	94,399
LONG	234,556	--	26,406	--	--	115,137	24,663	--	68,350
MCINTOSH	190,233	--	700	8,000	82	122,177	2,776	5,553	50,945
MONTGOMERY	99,387	--	--	38	22	14,281	62,199	--	22,847
PIERCE	142,128	--	--	--	75	30,594	81,019	2,490	27,950
SCREVEN	239,148	--	--	--	1,374	58,411	111,733	20,583	47,047
TATTNALL	185,510	--	4,667	2,044	--	28,539	95,463	5,219	49,578
TELFAIR	197,059	--	--	--	6	59,066	60,791	3,813	73,383
TOOMBS	118,673	--	--	248	289	23,583	59,561	7,959	27,033
TREUTLEN	83,840	--	--	--	50	9,648	44,042	--	30,100
WARE	340,739	--	3,932	29,678	1,273	162,906	31,849	--	111,101
WAYNE	338,827	--	--	--	373	187,171	48,521	--	102,762
WHEELER	132,995	--	--	80	4	20,193	37,199	2,480	73,039
TOTAL	7,164,916	--	269,340	65,373	13,175	2,338,296	1,885,639	473,359	2,119,734

[1]NOT INCLUDING 505,013 ACRES OF FARMER-OWNED AND MISCELLANEOUS PRIVATE LANDS LEASED TO FOREST INDUSTRY.

TABLE 3.--*AREA OF COMMERCIAL FOREST LAND, BY FOREST-TYPE GROUP AND COUNTY, 1981*

COUNTY	ALL TYPE GROUPS	FOREST-TYPE GROUP								
		WHITE PINE-HEMLOCK	SPRUCE-FIR	LONGLEAF-SLASH	LOBLOLLY-SHORTLEAF	OAK-PINE	OAK-HICKORY	OAK-GUM-CYPRESS	ELM-ASH-COTTONWOOD	MAPLE-BEECH-BIRCH
	ACRES									
APPLING	220,632	--	--	124,135	16,598	12,395	11,514	55,990	--	--
ATKINSON	155,030	--	--	96,481	10,769	8,748	11,216	27,816	--	--
BACON	118,587	--	--	76,621	3,884	11,531	10,804	15,747	--	--
BRANTLEY	255,092	--	--	126,841	20,365	35,130	8,714	64,042	--	--
BRYAN	236,685	--	--	84,974	50,720	35,451	8,835	56,705	--	--
BULLOCH	227,709	--	--	54,175	21,805	47,170	35,076	69,483	--	--
CAMDEN	298,931	--	--	133,654	33,835	32,238	24,084	72,683	2,437	--
CANDLER	81,902	--	--	22,797	2,569	12,848	20,558	23,130	--	--
CHARLTON	318,444	--	--	240,732	7,537	15,075	12,474	42,626	--	--
CHATHAM	100,946	--	--	21,159	21,274	11,299	31,539	15,675	--	--
CLINCH	464,955	--	--	306,908	12,234	20,528	--	125,285	--	--
COFFEE	229,038	--	--	122,145	11,623	34,467	14,525	46,278	--	--
DODGE	193,151	--	--	97,044	15,477	21,888	25,963	28,702	4,077	--
ECHOLS	257,349	--	--	159,398	5,480	12,410	8,398	71,663	--	--
EFFINGHAM	240,622	--	--	83,415	57,112	16,055	39,074	41,980	2,986	--
EMANUEL	284,136	--	--	137,345	32,265	24,116	29,507	60,903	--	--
EVANS	70,827	--	--	19,144	10,838	3,199	14,726	22,920	--	--
GLYNN	153,208	--	--	28,156	56,664	11,416	19,916	37,056	--	--
JEFF DAVIS	147,124	--	--	71,517	12,785	29,365	3,295	30,162	--	--
JENKINS	129,568	--	--	39,969	15,167	14,992	21,189	38,251	--	--
JOHNSON	109,097	--	--	27,266	19,097	24,524	16,408	21,802	--	--
LAURENS	313,161	--	--	102,212	52,481	32,421	57,069	62,922	6,056	--
LIBERTY	255,627	--	--	98,377	49,844	21,768	46,462	39,176	--	--
LONG	234,556	--	--	78,614	27,152	35,415	21,551	68,865	2,959	--
MCINTOSH	190,233	--	--	60,946	28,734	25,786	34,289	37,702	2,776	--
MONTGOMERY	99,387	--	--	40,892	11,489	12,910	17,617	12,909	3,570	--
PIERCE	142,128	--	--	67,582	9,084	15,399	12,449	37,614	--	--
SCREVEN	239,148	--	--	49,192	40,690	14,542	58,331	73,611	2,782	--
TATTNALL	185,510	--	--	81,560	14,006	16,614	26,495	41,616	5,219	--
TELFAIR	197,059	--	--	94,682	24,500	7,079	7,828	52,829	10,141	--
TOOMBS	118,673	--	--	40,338	9,760	12,638	24,864	28,483	2,590	--
TREUTLEN	83,840	--	--	47,307	12,247	12,040	3,010	9,236	--	--
WARE	340,739	--	--	232,561	16,936	16,150	2,546	72,546	--	--
WAYNE	338,827	--	--	174,525	27,695	39,251	14,272	80,371	2,713	--
WHEELER	132,995	--	--	60,137	9,585	21,399	13,957	18,918	8,999	--
TOTAL	7,164,916	--	--	3,302,801	772,301	718,257	708,555	1,605,697	57,305	--

TABLE 4.--*AREA OF COMMERCIAL FOREST LAND, BY STAND-SIZE CLASS AND COUNTY, 1981*

COUNTY	ALL STANDS	STAND-SIZE CLASS			NONSTOCKED AREAS
		SAWTIMBER	POLETIMBER	SAPLING-SEEDLING	
			ACRES		
APPLING	220,632	60,574	78,326	62,188	19,544
ATKINSON	155,030	28,263	56,763	59,235	10,769
BACON	118,587	20,091	48,282	44,812	5,402
BRANTLEY	255,092	49,445	93,179	100,815	11,653
BRYAN	236,685	119,250	68,529	46,277	2,629
BULLOCH	227,709	128,190	53,527	43,306	2,686
CAMDEN	298,931	98,532	105,933	81,850	12,616
CANDLER	81,902	28,393	15,420	30,380	7,709
CHARLTON	318,444	79,991	132,437	85,399	20,617
CHATHAM	100,946	48,036	40,726	6,451	5,733
CLINCH	464,955	69,928	193,425	186,635	14,967
COFFEE	229,038	43,581	93,439	66,268	25,750
DODGE	193,151	92,969	58,795	31,839	9,548
ECHOLS	257,349	43,979	104,858	102,558	5,954
EFFINGHAM	240,622	105,330	85,204	34,288	15,800
EMANUEL	284,136	91,699	101,158	67,132	24,147
EVANS	70,827	36,200	23,412	11,215	--
GLYNN	153,208	54,494	41,626	46,145	10,943
JEFF DAVIS	147,124	47,153	54,525	45,446	--
JENKINS	129,568	46,746	57,695	25,127	--
JOHNSON	109,097	32,728	38,194	38,175	--
LAURENS	313,161	167,188	77,956	55,902	12,115
LIBERTY	255,627	115,443	56,626	67,685	15,873
LONG	234,556	99,826	59,841	61,005	13,884
MCINTOSH	190,233	72,286	64,166	46,017	7,764
MONTGOMERY	99,387	34,399	44,488	10,819	9,681
PIERCE	142,128	56,465	53,117	20,097	12,449
SCREVEN	239,148	130,568	53,191	55,389	--
TATTNALL	185,510	69,481	57,272	45,031	13,726
TELFAIR	197,059	96,391	56,151	37,095	7,422
TOOMBS	118,673	34,980	39,131	28,247	16,315
TREUTLEN	83,840	36,326	24,336	23,178	--
WARE	340,739	71,505	105,791	146,061	17,382
WAYNE	338,827	75,368	113,289	133,327	16,843
WHEELER	132,995	59,233	33,205	38,078	2,479
TOTAL	7,164,916	2,445,031	2,384,013	1,983,472	352,400

TABLE 5.--*AREA OF COMMERCIAL FOREST LAND, BY SITE CLASS AND COUNTY, 1981*

COUNTY	ALL CLASSES	SITE CLASS				
		1	2	3	4	5
				ACRES		
APPLING	220,632	--	8,838	46,595	148,332	16,867
ATKINSON	155,030	2,916	--	27,372	113,972	10,770
BACON	118,587	--	2,701	39,141	64,155	12,590
BRANTLEY	255,092	--	5,826	34,849	170,683	43,734
BRYAN	236,685	--	12,983	85,066	127,227	11,409
BULLOCH	227,709	2,686	19,202	78,370	127,183	268
CAMDEN	298,931	--	7,311	72,321	208,261	11,038
CANDLER	81,902	--	5,139	15,419	48,371	12,973
CHARLTON	318,444	--	5,631	63,183	235,250	14,380
CHATHAM	100,946	--	20,675	32,389	46,862	1,020
CLINCH	464,955	--	--	60,632	355,086	49,237
COFFEE	229,038	2,905	3,183	46,401	159,117	17,432
DODGE	193,151	--	10,944	72,476	106,996	2,735
ECHOLS	257,349	--	--	36,344	190,569	30,436
EFFINGHAM	240,622	--	10,533	59,386	163,495	7,208
EMANUEL	284,136	--	--	60,929	193,716	29,491
EVANS	70,827	2,643	178	25,562	39,423	3,021
GLYNN	153,208	2,672	2,671	52,776	92,052	3,037
JEFF DAVIS	147,124	--	9	26,867	111,559	8,689
JENKINS	129,568	3,233	2,604	35,074	82,191	6,466
JOHNSON	109,097	--	2,723	49,103	51,807	5,464
LAURENS	313,161	--	11,688	122,158	170,229	9,086
LIBERTY	255,627	--	10,037	102,364	133,025	10,201
LONG	234,556	--	11,383	41,966	152,740	28,467
MCINTOSH	190,233	--	5,552	41,660	129,422	13,599
MONTGOMERY	99,387	--	1,785	38,482	50,881	8,239
PIERCE	142,128	--	4,980	37,525	76,755	22,868
SCREVEN	239,148	5,881	20,422	65,745	135,340	11,760
TATTNALL	185,510	--	14,004	64,957	84,036	22,513
TELFAIR	197,059	6	15,656	76,920	88,618	15,859
TOOMBS	118,673	--	7,418	27,142	78,933	5,180
TREUTLEN	83,840	--	--	33,367	50,473	--
WARE	340,739	--	2,450	56,168	235,973	46,148
WAYNE	338,827	--	5,426	69,515	202,790	61,096
WHEELER	132,995	2,480	4,959	31,318	94,238	--
TOTAL	7,164,916	25,422	236,911	1,829,542	4,519,760	553,281

TABLE 6.--*AREA OF COMMERCIAL FOREST LAND, BY STOCKING CLASSES OF GROWING-STOCK TREES, BY COUNTY, 1981*

COUNTY	ALL CLASSES	STOCKING PERCENTAGE[1]				
		OVER 130	100-130	60-99	16.7-59	LESS THAN 16.7
				ACRES		
APPLING	220,632	5,623	85,094	76,366	34,005	19,544
ATKINSON	155,030	--	38,139	78,304	27,818	10,769
BACON	118,587	2,242	46,499	38,225	26,219	5,402
BRANTLEY	255,092	2,886	74,618	116,264	49,671	11,653
BRYAN	236,685	8,835	77,344	93,016	54,861	2,629
BULLOCH	227,709	8,217	55,654	113,506	47,646	2,686
CAMDEN	298,931	23,654	113,227	113,162	36,272	12,616
CANDLER	81,902	2,570	22,672	17,989	30,962	7,709
CHARLTON	318,444	14,455	123,081	121,402	38,889	20,617
CHATHAM	100,946	4,779	24,633	44,589	21,212	5,733
CLINCH	464,955	28,260	139,982	183,186	98,560	14,967
COFFEE	229,038	2,905	68,002	58,202	74,179	25,750
DODGE	193,151	2,736	40,986	98,844	41,037	9,548
ECHOLS	257,349	5,481	90,272	108,393	47,249	5,954
EFFINGHAM	240,622	5,267	74,626	79,640	65,289	15,800
EMANUEL	284,136	10,751	52,765	121,430	75,043	24,147
EVANS	70,827	4,795	12,083	27,895	26,054	--
GLYNN	153,208	27,659	37,281	52,333	24,992	10,943
JEFF DAVIS	147,124	5,803	42,945	38,451	59,925	--
JENKINS	129,568	7,812	28,741	64,688	28,327	--
JOHNSON	109,097	8,187	30,007	57,270	13,533	--
LAURENS	313,161	15,581	85,936	152,411	47,118	12,115
LIBERTY	255,627	11,932	89,305	95,184	43,333	15,873
LONG	234,556	16,388	100,821	77,225	26,238	13,884
MCINTOSH	190,233	7,480	90,523	55,733	28,733	7,764
MONTGOMERY	99,387	--	17,943	56,726	15,037	9,681
PIERCE	142,128	4,980	35,048	57,903	31,748	12,449
SCREVEN	239,148	23,205	66,199	106,274	43,470	--
TATTNALL	185,510	26,512	39,549	64,261	41,462	13,726
TELFAIR	197,059	13,953	67,187	69,967	38,530	7,422
TOOMBS	118,673	8,547	22,883	44,852	26,076	16,315
TREUTLEN	83,840	--	23,021	39,337	21,482	--
WARE	340,739	4,511	128,168	132,412	58,266	17,382
WAYNE	338,827	22,126	101,500	133,700	64,658	16,843
WHEELER	132,995	11,478	33,701	62,380	22,957	2,479
TOTAL	7,164,916	349,610	2,180,435	2,851,520	1,430,951	352,400

[1] SEE STOCKING STANDARDS ON PAGE 8

TABLE 7.--*VOLUME OF SAWTIMBER AND GROWING STOCK ON COMMERCIAL FOREST LAND, BY SPECIES GROUP AND COUNTY, 1981*

COUNTY	SAWTIMBER					GROWING STOCK				
	ALL SPECIES	PINE	OTHER SOFTWOOD	SOFT HARDWOOD	HARD HARDWOOD	ALL SPECIES	PINE	OTHER SOFTWOOD	SOFT HARDWOOD	HARD HARDWOOD
	THOUSAND BOARD FEET					*THOUSAND CUBIC FEET*[1]				
APPLING	729,248	457,750	90,505	124,791	56,202	259,966	165,060	18,947	57,740	18,219
ATKINSON	369,456	266,089	23,047	73,798	6,522	135,961	88,172	9,092	35,469	3,228
BACON	264,425	190,974	25,756	36,009	11,686	117,976	79,559	9,233	24,260	4,924
BRANTLEY	449,213	242,515	42,892	125,800	38,006	198,500	110,425	17,486	56,720	13,869
BRYAN	1,081,815	731,848	11,797	207,971	130,199	339,840	215,561	5,206	80,522	38,551
BULLOCH	1,065,717	569,770	13,025	353,668	129,254	328,479	156,306	4,476	127,906	39,791
CAMDEN	994,006	421,218	102,751	236,622	233,415	369,004	174,599	24,284	105,140	64,981
CANDLER	317,805	159,161	11,542	119,823	27,279	104,072	40,115	2,351	49,494	12,112
CHARLTON	662,997	514,235	59,925	73,586	15,251	291,164	230,415	21,768	33,598	5,383
CHATHAM	562,254	296,123	17,994	130,865	117,272	171,081	75,093	6,481	55,654	33,853
CLINCH	768,074	419,332	158,126	158,590	32,026	397,303	228,038	74,128	87,756	7,381
COFFEE	546,278	381,688	27,998	104,042	32,550	219,465	148,381	9,883	48,672	12,529
DODGE	762,135	498,974	15,915	158,765	88,481	246,807	156,872	3,309	58,556	28,070
ECHOLS	378,771	193,646	73,607	100,155	11,363	207,780	108,965	31,913	58,076	8,826
EFFINGHAM	1,018,114	631,500	20,898	170,994	194,722	324,471	177,583	7,071	73,061	66,756
EMANUEL	955,035	613,055	9,658	238,223	94,099	310,318	181,483	1,942	99,317	27,576
EVANS	297,439	142,522	15,262	103,868	35,787	104,106	37,382	5,170	51,126	10,428
GLYNN	603,801	219,829	73,291	122,710	187,971	191,512	74,578	19,722	42,941	54,271
JEFF DAVIS	552,145	459,051	16,636	38,746	37,712	166,189	132,598	4,924	16,230	12,437
JENKINS	579,067	207,412	32,297	173,074	166,284	193,950	70,102	7,800	62,590	53,458
JOHNSON	379,634	190,251	--	124,622	64,761	128,174	64,841	--	47,310	16,023
LAURENS	1,456,510	806,829	31,971	307,769	309,941	465,130	228,763	8,028	136,018	92,321
LIBERTY	1,288,104	775,100	33,026	233,850	246,128	362,645	219,809	8,744	77,327	56,765
LONG	966,578	403,208	105,456	209,487	248,427	298,714	133,094	28,425	80,345	56,850
MCINTOSH	709,685	308,897	71,327	127,978	201,483	244,559	114,905	19,265	58,127	52,262
MONTGOMERY	388,453	222,655	2,093	86,551	77,154	118,279	69,837	373	25,247	22,822
PIERCE	507,507	328,622	59,649	111,250	7,986	182,393	106,486	18,398	51,482	6,027
SCREVEN	1,549,960	545,242	145,337	596,698	262,683	424,226	132,124	31,910	178,672	81,520
TATTNALL	687,148	418,866	18,927	146,349	103,006	218,833	127,474	7,029	59,219	25,111
TELFAIR	969,011	574,345	37,048	155,106	202,512	298,282	180,065	8,005	59,647	50,565
TOOMBS	303,468	166,578	3,399	98,458	35,033	128,573	69,957	756	47,644	10,216
TREUTLEN	258,089	204,794	--	34,759	18,536	89,819	64,288	--	19,175	6,356
WARE	621,749	490,155	59,484	60,371	11,739	249,584	184,363	24,363	37,006	3,852
WAYNE	765,741	423,802	122,816	161,754	57,369	304,082	184,651	36,884	69,239	13,308
WHEELER	524,197	284,379	1,920	185,372	52,526	166,946	94,535	1,246	54,494	16,671
TOTAL	24,333,629	13,760,415	1,535,375	5,492,474	3,545,365	8,358,183	4,626,479	478,612	2,225,780	1,027,312

[1] FACTORS FOR CONVERTING TO CORDS ARE SHOWN ON PAGE 8.

TABLE 8.--*NET ANNUAL GROWTH OF SAWTIMBER AND GROWING STOCK ON COMMERCIAL FOREST LAND, BY SPECIES GROUP AND COUNTY, 1980*

COUNTY	SAWTIMBER					GROWING STOCK				
	ALL SPECIES	PINE	OTHER SOFTWOOD	SOFT HARDWOOD	HARD HARDWOOD	ALL SPECIES	PINE	OTHER SOFTWOOD	SOFT HARDWOOD	HARD HARDWOOD
	THOUSAND BOARD FEET					*THOUSAND CUBIC FEET*				
APPLING	60,883	51,059	2,252	5,884	1,688	18,977	16,095	407	1,751	724
ATKINSON	29,423	26,334	742	2,184	163	9,094	7,777	174	911	232
BACON	31,189	26,582	1,118	1,950	1,539	8,804	7,416	349	810	229
BRANTLEY	44,623	37,710	1,220	4,193	1,500	14,366	11,784	550	1,487	545
BRYAN	82,541	69,656	330	5,805	6,750	22,258	18,449	108	1,963	1,738
BULLOCH	70,185	50,755	384	14,335	4,711	17,520	11,517	98	3,981	1,924
CAMDEN	72,888	54,880	3,147	7,589	7,272	25,006	17,713	646	3,805	2,842
CANDLER	23,624	17,791	257	4,120	1,456	4,641	2,703	41	1,292	605
CHARLTON	62,144	56,545	1,823	3,057	719	28,562	26,176	598	1,068	720
CHATHAM	39,704	25,052	947	7,082	6,623	9,828	6,342	185	1,931	1,370
CLINCH	75,388	62,513	6,190	5,474	1,211	32,416	27,713	2,008	2,415	280
COFFEE	66,862	59,943	814	4,751	1,354	17,409	14,372	210	2,152	675
DODGE	74,012	63,028	627	5,114	5,243	16,465	12,784	102	2,115	1,464
ECHOLS	33,541	22,372	3,085	4,240	3,844	18,181	14,837	821	2,041	482
EFFINGHAM	90,811	69,941	783	7,078	13,009	20,137	14,922	124	2,062	3,029
EMANUEL	81,671	64,786	220	12,532	4,133	20,058	14,882	35	3,719	1,422
EVANS	21,324	14,568	545	4,940	1,271	4,766	3,010	83	1,286	387
GLYNN	44,996	28,090	3,569	5,257	8,080	10,936	7,612	731	828	1,765
JEFF DAVIS	47,577	44,495	439	905	1,738	11,600	9,979	129	778	714
JENKINS	45,750	29,200	810	6,427	9,313	11,265	6,343	149	2,359	2,414
JOHNSON	33,233	23,637	--	6,038	3,558	9,292	7,061	--	1,426	805
LAURENS	110,083	78,846	764	14,303	16,170	27,591	17,824	140	5,430	4,197
LIBERTY	89,173	72,803	1,437	6,642	8,291	21,182	16,849	211	2,221	1,901
LONG	66,450	49,395	3,235	5,967	7,853	17,361	12,475	843	2,350	1,693
MCINTOSH	55,638	40,936	2,330	5,006	7,366	16,092	11,664	653	1,881	1,894
MONTGOMERY	34,078	28,595	46	2,563	2,874	7,306	5,834	7	781	684
PIERCE	41,956	35,157	1,574	4,163	1,062	10,694	8,545	365	1,430	354
SCREVEN	84,733	43,853	3,919	26,034	10,927	18,490	9,112	735	5,203	3,440
TATTNALL	52,017	40,880	531	7,091	3,515	12,604	9,766	153	1,785	900
TELFAIR	73,323	59,472	1,359	5,808	6,684	18,615	14,787	242	1,825	1,761
TOOMBS	27,979	22,442	101	4,208	1,228	9,407	7,399	63	1,582	363
TREUTLEN	24,863	22,395	--	1,461	1,007	6,246	5,465	--	527	254
WARE	65,776	60,992	2,285	2,075	424	22,832	21,125	629	922	156
WAYNE	63,474	52,594	3,668	5,161	2,051	25,142	22,004	823	1,636	679
WHEELER	41,473	34,513	93	4,708	2,159	9,886	7,772	51	1,419	644
TOTAL	1,963,385	1,541,810	50,644	214,145	156,786	555,029	430,108	12,463	69,172	43,286

TABLE 9.--*ANNUAL REMOVALS OF SAWTIMBER AND GROWING STOCK ON COMMERCIAL FOREST LAND, BY SPECIES GROUP AND COUNTY, 1980*

COUNTY	SAWTIMBER					GROWING STOCK				
	ALL SPECIES	PINE	OTHER SOFTWOOD	SOFT HARDWOOD	HARD HARDWOOD	ALL SPECIES	PINE	OTHER SOFTWOOD	SOFT HARDWOOD	HARD HARDWOOD
	THOUSAND BOARD FEET					*THOUSAND CUBIC FEET*				
APPLING	63,009	59,852	1,693	323	1,141	17,777	16,770	571	255	181
ATKINSON	37,161	37,161	--	--	--	8,865	8,751	--	114	--
BACON	28,471	28,471	--	--	--	9,982	9,884	--	98	--
BRANTLEY	45,943	36,545	1,836	1,312	6,250	12,333	10,486	409	296	1,142
BRYAN	56,042	40,113	--	13,257	2,672	16,058	12,734	--	2,849	475
BULLOCH	70,807	63,524	--	3,759	3,524	15,145	12,852	--	883	1,410
CAMDEN	94,058	85,835	--	2,383	5,840	25,604	22,342	--	1,448	1,814
CANDLER	15,734	12,866	--	2,073	795	4,533	3,697	--	554	282
CHARLTON	73,979	70,711	--	2,735	533	19,938	18,197	--	887	854
CHATHAM	33,239	28,761	--	547	3,931	7,158	5,500	--	627	1,031
CLINCH	91,692	90,629	405	658	--	27,830	27,590	114	126	--
COFFEE	59,925	52,852	373	5,247	1,453	19,842	17,327	211	1,751	553
DODGE	43,029	38,660	--	3,686	683	11,964	10,317	--	1,510	137
ECHOLS	45,716	44,306	1,410	--	--	12,204	11,827	377	--	--
EFFINGHAM	43,937	32,080	--	4,969	6,888	12,318	9,224	148	1,075	1,871
EMANUEL	74,930	55,871	--	10,081	8,978	18,415	13,675	--	2,676	2,064
EVANS	2,693	2,693	--	--	--	1,051	896	155	--	--
GLYNN	78,873	76,472	--	2,401	--	18,290	16,344	--	1,604	342
JEFF DAVIS	23,606	21,809	--	595	1,202	8,154	7,198	--	268	688
JENKINS	17,547	17,547	--	--	--	6,281	5,911	--	176	194
JOHNSON	22,666	16,523	--	2,493	3,650	7,267	5,787	--	762	718
LAURENS	78,052	59,276	--	8,855	9,921	24,198	20,025	--	2,238	1,935
LIBERTY	56,930	50,434	--	4,855	1,641	17,243	14,639	--	2,049	555
LONG	33,301	26,258	--	4,626	2,417	9,447	7,751	--	1,245	451
MCINTOSH	40,259	24,800	1,121	3,308	11,030	12,405	8,909	312	1,373	1,811
MONTGOMERY	33,257	16,748	1,865	3,495	11,149	7,620	4,304	336	601	2,379
PIERCE	27,538	24,504	324	1,660	1,050	7,760	7,113	96	286	265
SCREVEN	30,541	25,116	3,108	--	2,317	9,363	8,496	448	--	419
TATTNALL	54,115	48,518	--	5,597	--	13,796	12,148	103	1,244	301
TELFAIR	52,726	48,403	--	3,419	904	13,588	12,388	--	1,024	176
TOOMBS	36,073	33,119	--	2,128	826	12,183	10,756	--	1,018	409
TREUTLEN	34,114	32,978	--	1,136	--	8,754	7,619	--	296	839
WARE	84,094	81,708	--	2,386	--	24,371	23,496	--	875	--
WAYNE	73,458	70,865	335	2,258	--	20,014	18,864	110	901	139
WHEELER	39,862	34,116	--	1,384	4,362	11,454	10,336	--	399	719
TOTAL	1,697,377	1,490,124	12,470	101,626	93,157	473,205	414,153	3,390	31,508	24,154

TABLE 10.--*AREA OF COMMERCIAL FOREST LAND, BY FOREST TYPE AND OWNERSHIP CLASS, 1981*

FOREST TYPE	ALL OWNERSHIPS	OWNERSHIP CLASS				
		NATIONAL FOREST	OTHER PUBLIC	FOREST INDUSTRY	FARMER	MISC. PRIVATE
			ACRES			
SOFTWOOD TYPES:						
WHITE PINE-HEMLOCK	--	--	--	--	--	--
SPRUCE-FIR	--	--	--	--	--	--
LONGLEAF PINE	357,551	--	31,871	33,135	114,176	178,369
SLASH PINE	2,945,250	--	125,441	1,185,332	653,728	980,749
LOBLOLLY PINE	663,880	--	47,818	260,982	125,235	229,845
SHORTLEAF PINE	5,161	--	--	2,438	2,723	--
VIRGINIA PINE	--	--	--	--	--	--
SAND PINE	2,469	--	--	2,469	--	--
EASTERN REDCEDAR	--	--	--	--	--	--
POND PINE	100,791	--	13,172	32,231	13,565	41,823
SPRUCE PINE	--	--	--	--	--	--
PITCH PINE	--	--	--	--	--	--
TABLE-MOUNTAIN PINE	--	--	--	--	--	--
TOTAL	4,075,102	--	218,302	1,516,587	909,427	1,430,786
HARDWOOD TYPES:						
OAK-PINE	718,257	--	46,035	158,619	247,076	266,527
OAK-HICKORY	573,450	--	15,506	137,719	213,256	206,969
CHESTNUT OAK	--	--	--	--	--	--
SOUTHERN SCRUB OAK	135,105	--	3,310	10,113	51,647	70,035
OAK-GUM-CYPRESS	1,605,697	--	61,749	489,311	461,205	593,432
ELM-ASH-COTTONWOOD	57,305	--	2,986	25,947	3,028	25,344
MAPLE-BEECH-BIRCH	--	--	--	--	--	--
TOTAL	3,089,814	--	129,586	821,709	976,212	1,162,307
ALL TYPES	7,164,916	--	347,888	2,338,296	1,885,639	2,593,093

TABLE 11.--*AREA OF COMMERCIAL FOREST LAND, BY OWNERSHIP AND STOCKING CLASSES OF GROWING-STOCK TREES, 1981*

OWNERSHIP CLASSES	ALL CLASSES	STOCKING PERCENTAGE[1]				
		OVER 130	100-130	60-99	16.7-59	LESS THAN 16.7
			ACRES			
NATIONAL FOREST	--	--	--	--	--	--
OTHER PUBLIC	347,888	13,246	91,680	142,990	90,434	9,538
FOREST INDUSTRY	2,338,296	128,519	876,756	891,634	344,161	97,226
FARMER	1,885,639	83,152	476,491	765,886	461,552	98,558
MISC. PRIVATE	2,593,093	124,693	735,508	1,051,010	534,804	147,078
ALL OWNERSHIPS	7,164,916	349,610	2,180,435	2,851,520	1,430,951	352,400

[1] SEE STOCKING STANDARDS ON PAGE 8.

TABLE 12.--*VOLUME OF TIMBER ON COMMERCIAL FOREST LAND, BY CLASS AND SPECIES GROUP, 1981*

CLASS OF TIMBER	ALL SPECIES	PINE	OTHER SOFTWOOD	SOFT HARDWOOD	HARD HARDWOOD
			THOUSAND CUBIC FEET		
SAWTIMBER TREES:					
SAW-LOG PORTION	4,662,302	2,613,456	321,961	1,109,055	617,830
UPPER-STEM PORTION	588,188	277,535	34,191	177,552	98,910
TOTAL	5,250,490	2,890,991	356,152	1,286,607	716,740
POLETIMBER TREES	3,107,693	1,735,488	122,460	939,173	310,572
ALL GROWING-STOCK TREES	8,358,183	4,626,479	478,612	2,225,780	1,027,312
ROUGH TREES:					
SAWTIMBER-SIZE TREES	212,435	5,360	4,510	97,323	105,242
POLETIMBER-SIZE TREES	275,611	6,464	3,065	142,438	123,644
TOTAL	488,046	11,824	7,575	239,761	228,886
ROTTEN TREES:					
SAWTIMBER-SIZE TREES	91,546	--	8,475	52,278	30,793
POLETIMBER-SIZE TREES	17,371	361	269	11,119	5,622
TOTAL	108,917	361	8,744	63,397	36,415
SALVABLE DEAD TREES:					
SAWTIMBER-SIZE TREES	20,133	8,845	315	5,954	5,019
POLETIMBER-SIZE TREES	15,982	11,997	328	2,312	1,345
TOTAL	36,115	20,842	643	8,266	6,364
TOTAL, ALL TIMBER	8,991,261	4,659,506	495,574	2,537,204	1,298,977

TABLE 13.--*NUMBER OF GROWING-STOCK TREES ON COMMERCIAL FOREST LAND, BY SPECIES AND DIAMETER CLASS, 1981*

SPECIES	ALL CLASSES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)									
		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 AND LARGER
	THOUSAND TREES										
SOFTWOOD:											
LONGLEAF PINE	39,576	9,906	9,173	9,153	6,184	3,448	1,151	425	114	22	--
SLASH PINE	425,485	235,541	108,020	44,729	21,463	9,633	3,816	1,370	614	287	12
SHORTLEAF PINE	1,012	694	111	40	123	--	14	11	10	9	--
LOBLOLLY PINE	88,835	35,178	23,367	13,066	7,191	4,605	2,474	1,572	771	583	28
POND PINE	17,075	6,417	4,457	2,779	1,729	859	536	176	99	23	--
VIRGINIA PINE	--	--	--	--	--	--	--	--	--	--	--
PITCH PINE	--	--	--	--	--	--	--	--	--	--	--
TABLE MOUNTAIN PINE	--	--	--	--	--	--	--	--	--	--	--
SPRUCE PINE	675	159	120	147	80	137	14	--	--	15	3
SAND PINE	--	--	--	--	--	--	--	--	--	--	--
EASTERN WHITE PINE	--	--	--	--	--	--	--	--	--	--	--
EASTERN HEMLOCK	--	--	--	--	--	--	--	--	--	--	--
SPRUCE AND FIR	--	--	--	--	--	--	--	--	--	--	--
BALDCYPRESS	6,215	1,346	1,374	990	860	429	462	214	197	322	21
PONDCYPRESS	38,586	14,783	9,735	6,137	4,324	1,966	1,055	272	95	169	50
CEDARS	212	137	--	--	--	59	16	--	--	--	--
TOTAL SOFTWOODS	617,671	304,161	156,357	77,041	41,954	21,136	9,538	4,040	1,900	1,430	114
HARDWOOD:											
SELECT WHITE OAKS	3,088	925	851	450	242	200	156	78	87	86	13
SELECT RED OAKS	769	356	--	48	109	23	108	54	31	29	11
CHESTNUT OAK	--	--	--	--	--	--	--	--	--	--	--
OTHER WHITE OAKS	5,140	1,096	922	993	574	333	312	318	153	322	117
OTHER RED OAKS	61,458	25,160	13,159	8,787	5,869	3,034	1,973	1,391	778	1,103	204
HICKORY	4,292	2,028	668	623	334	303	103	79	61	86	7
YELLOW BIRCH	--	--	--	--	--	--	--	--	--	--	--
HARD MAPLE	--	--	--	--	--	--	--	--	--	--	--
SOFT MAPLE	34,748	15,752	7,945	4,811	2,605	1,739	793	514	288	277	24
BEECH	137	109	--	--	--	--	15	--	--	13	--
SWEETGUM	41,953	20,374	9,088	4,985	3,195	2,174	978	597	321	234	7
TUPELO AND BLACKGUM	128,068	53,496	30,877	18,249	11,952	6,606	3,274	1,915	778	834	87
ASH	5,312	2,218	1,285	824	366	315	109	112	28	46	9
COTTONWOOD	291	154	57	48	24	--	--	--	--	8	--
BASSWOOD	--	--	--	--	--	--	--	--	--	--	--
YELLOW-POPLAR	7,535	2,242	1,440	866	1,018	758	500	331	205	152	23
BAY AND MAGNOLIA	19,826	9,438	4,917	2,466	1,430	729	453	167	159	57	10
BLACK CHERRY	1,579	728	584	126	120	21	--	--	--	--	--
BLACK WALNUT	--	--	--	--	--	--	--	--	--	--	--
SYCAMORE	465	110	188	82	55	--	--	12	10	8	--
BLACK LOCUST	--	--	--	--	--	--	--	--	--	--	--
ELM	3,483	1,272	941	546	332	192	94	52	47	7	--
OTHER EASTERN HARDWOODS	3,801	2,271	648	363	334	110	48	--	18	9	--
TOTAL HARDWOODS	321,945	137,729	73,570	44,267	28,559	16,537	8,916	5,620	2,964	3,271	512
ALL SPECIES	939,616	441,890	229,927	121,308	70,513	37,673	18,454	9,660	4,864	4,701	626

TABLE 14.--*VOLUME OF ALL LIVE TREES ON COMMERCIAL FOREST LAND, BY SPECIES AND DIAMETER CLASS, 1981*

SPECIES	ALL CLASSES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)									
		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 AND LARGER
	THOUSAND CUBIC FEET										
SOFTWOOD:											
LONGLEAF PINE	525,778	28,185	66,931	125,510	131,757	102,492	43,308	20,287	5,860	1,448	--
SLASH PINE	2,943,646	640,601	721,844	574,668	437,082	281,468	153,634	69,298	39,206	23,900	1,945
SHORTLEAF PINE	7,130	1,800	750	489	1,974	--	538	401	674	504	--
LOBLOLLY PINE	988,446	87,330	149,944	165,389	147,029	135,245	104,551	83,710	52,648	57,507	5,093
POND PINE	162,672	17,186	26,596	32,455	30,422	21,669	18,752	8,222	5,537	1,833	--
VIRGINIA PINE	--	--	--	--	--	--	--	--	--	--	--
PITCH PINE	--	--	--	--	--	--	--	--	--	--	--
TABLE MOUNTAIN PINE	--	--	--	--	--	--	--	--	--	--	--
SPRUCE PINE	10,992	350	796	2,276	1,587	3,565	552	--	--	1,157	709
SAND PINE	--	--	--	--	--	--	--	--	--	--	--
EASTERN WHITE PINE	--	--	--	--	--	--	--	--	--	--	--
EASTERN HEMLOCK	--	--	--	--	--	--	--	--	--	--	--
SPRUCE AND FIR	--	--	--	--	--	--	--	--	--	--	--
BALDCYPRESS	121,051	3,970	7,594	11,688	16,710	11,741	16,185	8,935	10,375	26,094	7,759
PONDCYPRESS	371,262	45,393	68,559	74,686	71,301	45,271	31,053	10,042	4,556	12,389	8,012
CEDARS	2,618	278	--	313	204	1,413	345	--	--	65	--
TOTAL SOFTWOODS	5,133,595	825,093	1,043,014	987,474	838,066	602,864	368,918	200,895	118,856	124,897	23,518
HARDWOOD:											
SELECT WHITE OAKS	46,635	2,987	4,498	5,086	4,245	4,732	5,851	3,388	5,128	7,825	2,895
SELECT RED OAKS	16,970	831	--	378	2,124	543	4,222	2,383	2,169	2,415	1,905
CHESTNUT OAK	--	--	--	--	--	--	--	--	--	--	--
OTHER WHITE OAKS	180,626	4,967	7,920	11,823	13,172	11,204	13,701	18,254	13,561	46,103	39,921
OTHER RED OAKS	789,291	70,421	81,673	103,457	105,869	84,833	73,416	68,701	48,676	105,244	47,001
HICKORY	55,119	5,961	3,992	7,930	6,012	8,106	4,160	3,905	4,583	8,770	1,700
YELLOW BIRCH	--	--	--	--	--	--	--	--	--	--	--
HARD MAPLE	--	--	--	--	--	--	--	--	--	--	--
SOFT MAPLE	404,656	58,659	59,545	61,188	54,598	52,566	34,019	28,408	20,741	30,950	3,982
BEECH	3,466	550	--	389	--	--	601	--	103	1,823	--
SWEETGUM	397,886	43,506	54,123	60,076	60,949	63,471	39,029	31,141	20,849	23,066	1,676
TUPELO AND BLACKGUM	1,336,555	165,085	210,331	222,711	224,859	182,077	118,149	88,278	40,967	64,795	19,303
ASH	60,886	7,020	10,391	10,219	6,375	8,783	4,134	4,918	2,012	4,239	2,795
COTTONWOOD	2,886	253	473	870	627	--	--	--	--	663	--
BASSWOOD	--	--	--	--	--	--	--	--	--	--	--
YELLOW-POPLAR	132,785	6,903	9,371	10,592	19,357	21,238	18,767	16,696	12,565	13,530	3,766
BAY AND MAGNOLIA	186,083	29,259	34,729	32,240	27,281	23,306	16,625	7,542	8,859	4,741	1,501
BLACK CHERRY	9,515	1,994	3,816	1,406	1,550	749	--	--	--	--	--
BLACK WALNUT	--	--	--	--	--	--	--	--	--	--	--
SYCAMORE	5,709	296	1,467	1,026	1,129	--	--	681	666	444	--
BLACK LOCUST	--	--	--	--	--	--	--	--	--	--	--
ELM	37,886	3,806	5,739	6,006	6,310	5,429	4,204	2,919	2,786	687	--
OTHER EASTERN HARDWOODS	154,597	35,855	34,374	36,376	16,557	9,708	7,676	6,627	4,563	2,861	--
TOTAL HARDWOODS	3,821,551	438,353	522,442	571,773	551,014	476,745	344,554	283,841	188,228	318,156	126,445
ALL SPECIES	8,955,146	1,263,446	1,565,456	1,559,247	1,389,080	1,079,609	713,472	484,736	307,084	443,053	149,963

TABLE 15.--*VOLUME OF GROWING STOCK ON COMMERCIAL FOREST LAND, BY SPECIES AND DIAMETER CLASS, 1981*

SPECIES	ALL CLASSES	DIAMETER CLASS (INCHES AT BREAST HEIGHT) 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 AND LARGER
						THOUSAND CUBIC FEET					
SOFTWOOD:											
LONGLEAF PINE	525,173	27,848	66,931	125,510	131,757	102,492	43,040	20,287	5,860	1,448	--
SLASH PINE	2,936,838	638,416	719,964	573,963	435,708	281,468	153,634	69,298	38,542	23,900	1,945
SHORTLEAF PINE	7,130	1,800	750	489	1,974	--	538	401	674	504	--
LOBLOLLY PINE	985,271	86,756	149,365	164,330	146,528	135,245	104,089	83,710	52,648	57,507	5,093
POND PINE	161,075	16,080	26,432	32,128	30,422	21,669	18,752	8,222	5,537	1,833	--
VIRGINIA PINE	--	--	--	--	--	--	--	--	--	--	--
PITCH PINE	--	--	--	--	--	--	--	--	--	--	--
TABLE MOUNTAIN PINE	--	--	--	--	--	--	--	--	--	--	--
SPRUCE PINE	10,992	350	796	2,276	1,587	3,565	552	--	--	1,157	709
SAND PINE	--	--	--	--	--	--	--	--	--	--	--
EASTERN WHITE PINE	--	--	--	--	--	--	--	--	--	--	--
EASTERN HEMLOCK	--	--	--	--	--	--	--	--	--	--	--
SPRUCE AND FIR	--	--	--	--	--	--	--	--	--	--	--
BALDCYPRESS	114,165	3,730	7,594	11,270	16,393	11,741	16,185	8,935	10,048	24,779	3,490
PONDCYPRESS	362,411	43,585	67,273	72,237	70,487	44,905	31,053	9,802	4,556	12,058	6,455
CEDARS	2,036	278	--	--	--	1,413	345	--	--	--	--
TOTAL SOFTWOODS	5,105,091	818,843	1,039,105	982,203	834,856	602,498	368,188	200,655	117,865	123,186	17,692
HARDWOOD:											
SELECT WHITE OAKS	45,295	2,551	4,498	4,768	4,245	4,732	5,851	3,208	4,959	7,825	2,658
SELECT RED OAKS	16,970	831	--	378	2,124	543	4,222	2,383	2,169	2,415	1,905
CHESTNUT OAK	--	--	--	--	--	--	--	--	--	--	--
OTHER WHITE OAKS	125,773	2,676	4,805	9,646	8,903	8,206	10,974	14,504	9,315	30,646	26,098
OTHER RED OAKS	722,954	64,419	77,083	94,610	98,712	79,013	68,278	64,229	43,687	95,128	37,795
HICKORY	50,442	5,084	3,485	6,452	5,191	7,946	4,160	3,905	3,973	8,770	1,476
YELLOW BIRCH	--	--	--	--	--	--	--	--	--	--	--
HARD MAPLE	--	--	--	--	--	--	--	--	--	--	--
SOFT MAPLE	322,035	42,030	48,568	50,235	45,399	44,475	27,615	23,086	15,827	21,803	2,997
BEECH	2,099	250	--	--	--	--	508	--	--	1,341	--
SWEETGUM	385,873	40,449	52,450	58,316	60,437	62,345	37,305	30,093	20,849	22,393	1,236
TUPELO AND BLACKGUM	1,161,746	134,537	179,215	192,348	197,801	163,819	106,345	81,018	36,782	56,073	13,808
ASH	51,502	5,911	7,049	8,624	6,198	8,276	3,723	4,787	1,608	3,950	1,376
COTTONWOOD	2,405	253	473	389	627	--	--	--	--	663	--
BASSWOOD	--	--	--	--	--	--	--	--	--	--	--
YELLOW-POPLAR	129,378	6,453	9,248	10,592	19,357	20,838	17,878	15,981	12,565	13,083	3,383
BAY AND MAGNOLIA	161,924	26,346	29,965	27,740	24,485	18,700	15,136	6,761	7,622	3,668	1,501
BLACK CHERRY	8,341	1,500	3,487	1,406	1,550	398	--	--	--	--	--
BLACK WALNUT	--	--	--	--	--	--	--	--	--	--	--
SYCAMORE	5,709	296	1,467	1,026	1,129	--	--	681	666	444	--
BLACK LOCUST	--	--	--	--	--	--	--	--	--	--	--
ELM	35,877	3,370	4,875	5,607	6,310	5,429	3,894	2,919	2,786	687	--
OTHER EASTERN HARDWOODS	24,769	5,311	4,966	3,707	5,500	2,620	1,478	--	853	334	--
TOTAL HARDWOODS	3,253,092	342,267	431,634	475,844	487,968	427,340	307,367	253,555	163,661	269,223	94,233
ALL SPECIES	8,358,183	1,161,110	1,470,739	1,458,047	1,322,824	1,029,838	675,555	454,210	281,526	392,409	111,925

TABLE 16. --*VOLUME OF SAWTIMBER ON COMMERCIAL FOREST LAND, BY SPECIES AND DIAMETER CLASS, 1981*

SPECIES	ALL CLASSES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)							
		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 AND LARGER
	THOUSAND BOARD FEET								
SOFTWOOD:									
LONGLEAF PINE	2,116,069	511,346	635,494	550,564	248,356	123,339	37,304	9,666	--
SLASH PINE	7,292,747	2,126,624	2,001,687	1,462,571	868,924	416,967	243,262	158,785	13,927
SHORTLEAF PINE	23,196	1,797	8,557	--	3,043	2,404	4,188	3,207	--
LOBLOLLY PINE	3,717,941	574,587	646,005	683,376	577,034	494,127	326,129	380,060	36,623
POND PINE	562,880	120,403	138,320	109,128	102,161	47,862	33,392	11,614	--
VIRGINIA PINE	--	--	--	--	--	--	--	--	--
PITCH PINE	--	--	--	--	--	--	--	--	--
TABLE MOUNTAIN PINE	--	--	--	--	--	--	--	--	--
SPRUCE PINE	47,582	10,105	7,366	17,265	2,759	--	--	6,138	3,949
SAND PINE	--	--	--	--	--	--	--	--	--
EASTERN WHITE PINE	--	--	--	--	--	--	--	--	--
EASTERN HEMLOCK	--	--	--	--	--	--	--	--	--
SPRUCE AND FIR	--	--	--	--	--	--	--	--	--
BALDCYPRESS	489,111	30,734	60,868	50,993	77,715	45,935	54,874	145,299	22,693
PONDCYPRESS	1,036,935	226,243	272,433	198,503	151,569	50,668	24,703	71,369	41,447
CEDARS	9,329	--	--	7,437	1,892	--	--	--	--
TOTAL SOFTWOODS	15,295,790	3,601,839	3,770,730	3,079,837	2,033,453	1,181,302	723,852	786,138	118,639
HARDWOOD:									
SELECT WHITE OAKS	166,666	--	13,955	18,940	26,479	16,160	26,426	46,109	18,597
SELECT RED OAKS	79,832	--	7,419	2,097	19,658	11,886	11,703	14,349	12,720
CHESTNUT OAK	--	--	--	--	--	--	--	--	--
OTHER WHITE OAKS	587,299	--	32,216	34,783	50,824	72,875	49,355	177,566	169,680
OTHER RED OAKS	2,392,156	--	368,250	343,546	325,599	327,290	235,223	551,515	240,733
HICKORY	166,778	--	17,040	31,866	19,096	19,276	20,587	49,735	9,178
YELLOW BIRCH	--	--	--	--	--	--	--	--	--
HARD MAPLE	--	--	--	--	--	--	--	--	--
SOFT MAPLE	729,535	--	143,353	165,723	114,362	102,799	75,256	111,289	16,753
BEECH	7,557	--	--	--	1,978	--	--	5,579	--
SWEETGUM	1,077,358	--	214,387	265,879	179,078	157,138	116,098	136,467	8,311
TUPELO AND BLACKGUM	2,737,979	--	626,055	640,075	468,738	392,380	190,178	320,010	100,543
ASH	126,331	--	20,414	31,829	15,884	21,895	7,923	20,552	7,824
COTTONWOOD	5,738	--	2,192	--	--	--	--	3,546	--
BASSWOOD	--	--	--	--	--	--	--	--	--
YELLOW-POPLAR	500,187	--	69,656	88,272	86,020	83,582	70,387	79,358	22,912
BAY AND MAGNOLIA	315,057	--	78,674	71,939	65,494	32,208	37,005	21,068	8,669
BLACK CHERRY	6,814	--	5,276	1,538	--	--	--	--	--
BLACK WALNUT	--	--	--	--	--	--	--	--	--
SYCAMORE	12,625	--	3,628	--	--	3,284	3,389	2,324	--
BLACK LOCUST	--	--	--	--	--	--	--	--	--
ELM	88,780	--	21,698	20,845	16,414	13,070	13,275	3,478	--
OTHER EASTERN HARDWOODS	37,147	--	15,642	9,395	6,190	--	4,130	1,790	--
TOTAL HARDWOODS	9,037,839	--	1,639,855	1,726,727	1,395,814	1,253,843	860,935	1,544,745	615,920
ALL SPECIES	24,333,629	3,601,839	5,410,585	4,806,564	3,429,267	2,435,145	1,584,787	2,330,883	734,559

TABLE 17.--*NET ANNUAL GROWTH AND REMOVALS OF GROWING STOCK ON COMMERCIAL FOREST LAND, BY SPECIES, 1980*

SPECIES	NET ANNUAL GROWTH	ANNUAL TIMBER REMOVALS
	- - *THOUSAND CUBIC FEET* - -	
SOFTWOOD:		
YELLOW PINES	430,108	414,153
EASTERN WHITE PINE	--	--
SPRUCE AND FIR	--	--
CYPRESS	12,424	3,390
OTHER EASTERN SOFTWOODS	39	--
TOTAL SOFTWOODS	442,571	417,543
HARDWOOD:		
SELECT WHITE AND RED OAKS	2,074	2,020
OTHER WHITE AND RED OAKS	37,629	19,269
HICKORY	1,468	1,550
YELLOW BIRCH	--	--
HARD MAPLE	--	--
SWEETGUM	16,080	10,756
ASH, WALNUT, AND BLACK CHERRY	2,231	1,458
YELLOW-POPLAR	8,282	4,208
TUPELO AND BLACKGUM	24,654	10,950
BAY AND MAGNOLIA	4,825	1,509
OTHER EASTERN HARDWOODS	15,215	3,942
TOTAL HARDWOODS	112,458	55,662
ALL SPECIES	555,029	473,205

TABLE 18.--*NET ANNUAL GROWTH AND REMOVALS OF SAWTIMBER ON COMMERCIAL FOREST LAND, BY SPECIES, 1980*

SPECIES	NET ANNUAL GROWTH	ANNUAL TIMBER REMOVALS
	- - - *THOUSAND BOARD FEET* - - -	
SOFTWOOD:		
YELLOW PINES	1,541,810	1,490,124
EASTERN WHITE PINE	--	--
SPRUCE AND FIR	--	--
CYPRESS	50,445	12,470
OTHER EASTERN SOFTWOODS	199	--
TOTAL SOFTWOODS	1,592,454	1,502,594
HARDWOOD:		
SELECT WHITE AND RED OAKS	9,400	8,040
OTHER WHITE AND RED OAKS	137,256	72,433
HICKORY	4,483	6,830
YELLOW BIRCH	--	--
HARD MAPLE	--	--
SWEETGUM	51,022	31,731
ASH, WALNUT, AND BLACK CHERRY	5,298	6,177
YELLOW-POPLAR	37,625	18,484
TUPELO AND BLACKGUM	72,774	34,783
BAY AND MAGNOLIA	14,753	4,512
OTHER EASTERN HARDWOODS	38,320	11,793
TOTAL HARDWOODS	370,931	194,783
ALL SPECIES	1,963,385	1,697,377

TABLE 19.--*MORTALITY OF GROWING STOCK AND SAWTIMBER ON COMMERCIAL FOREST LAND, BY SPECIES, 1980*

SPECIES	GROWING STOCK	SAWTIMBER
	THOUSAND CUBIC FEET	*THOUSAND BOARD FEET*
SOFTWOOD:		
YELLOW PINES	41,767	80,582
EASTERN WHITE PINE	--	--
SPRUCE AND FIR	--	--
CYPRESS	1,217	2,156
OTHER EASTERN SOFTWOODS	71	378
TOTAL SOFTWOODS	43,055	83,116
HARDWOOD:		
SELECT WHITE AND RED OAKS	523	2,138
OTHER WHITE AND RED OAKS	8,500	38,310
HICKORY	102	530
YELLOW BIRCH	--	--
HARD MAPLE	--	--
SWEETGUM	3,455	13,658
ASH, WALNUT, AND BLACK CHERRY	631	1,749
YELLOW-POPLAR	1,130	5,529
TUPELO AND BLACKGUM	3,574	11,122
BAY AND MAGNOLIA	589	1,157
OTHER EASTERN HARDWOODS	4,609	12,742
TOTAL HARDWOODS	23,113	86,935
ALL SPECIES	66,168	170,051

TABLE 20. --*VOLUME OF ALL LIVE TREES AND GROWING STOCK ON COMMERCIAL FOREST LAND, BY OWNERSHIP CLASS AND SPECIES GROUP, 1981*

OWNERSHIP CLASS	ALL LIVE TREES					GROWING STOCK				
	ALL SPECIES	PINE	OTHER SOFTWOOD	SOFT HARDWOOD	HARD HARDWOOD	ALL SPECIES	PINE	OTHER SOFTWOOD	SOFT HARDWOOD	HARD HARDWOOD
	THOUSAND CUBIC FEET									
NATIONAL FOREST	--	--	--	--	--	--	--	--	--	--
OTHER PUBLIC	597,380	361,082	17,646	134,351	84,301	547,839	359,812	16,604	117,810	53,613
FOREST INDUSTRY	2,674,378	1,307,702	247,100	686,267	433,309	2,501,342	1,302,483	235,947	600,589	362,323
FARMER	2,505,058	1,291,465	49,167	863,998	300,428	2,348,269	1,289,005	48,910	765,675	244,679
MISCELLANEOUS PRIVATE	3,178,330	1,678,415	181,018	844,322	474,575	2,960,733	1,675,179	177,151	741,706	366,697
ALL OWNERSHIPS	8,955,146	4,638,664	494,931	2,528,938	1,292,613	8,358,183	4,626,479	478,612	2,225,780	1,027,312

TABLE 21. --*VOLUME OF SAWTIMBER ON COMMERCIAL FOREST LAND, BY OWNERSHIP CLASS AND SPECIES GROUP, 1981*

OWNERSHIP CLASS	SMALL SAWTIMBER[1]					LARGE SAWTIMBER[2]				
	ALL SPECIES	PINE	OTHER SOFTWOOD	SOFT HARDWOOD	HARD HARDWOOD	ALL SPECIES	PINE	OTHER SOFTWOOD	SOFT HARDWOOD	HARD HARDWOOD
	THOUSAND BOARD FEET									
NATIONAL FOREST	--	--	--	--	--	--	--	--	--	--
OTHER PUBLIC	1,123,577	893,008	37,480	141,296	51,793	855,198	555,369	16,885	145,044	137,900
FOREST INDUSTRY	3,240,313	1,871,485	404,575	639,823	324,430	3,133,948	855,230	366,662	907,721	1,004,335
FARMER	4,317,759	3,117,588	99,952	891,074	209,145	2,828,696	1,330,876	52,948	963,824	481,048
MISCELLANEOUS PRIVATE	5,137,339	3,723,114	305,204	761,605	347,416	3,696,799	1,413,745	251,669	1,042,087	989,298
ALL OWNERSHIPS	13,818,988	9,605,195	847,211	2,433,798	932,784	10,514,641	4,155,220	688,164	3,058,676	2,612,581

[1] VOLUME OF SAWTIMBER TREES LESS THAN 15.0 INCHES AT D.B.H.
[2] VOLUME OF SAWTIMBER TREES 15.0 INCHES AND LARGER AT D.B.H.

TABLE 22. --*NET ANNUAL GROWTH AND REMOVALS OF GROWING STOCK ON COMMERCIAL FOREST LAND, BY OWNERSHIP CLASS AND SPECIES GROUP, 1980*

OWNERSHIP CLASS	NET ANNUAL GROWTH					ANNUAL TIMBER REMOVALS				
	ALL SPECIES	PINE	OTHER SOFTWOOD	SOFT HARDWOOD	HARD HARDWOOD	ALL SPECIES	PINE	OTHER SOFTWOOD	SOFT HARDWOOD	HARD HARDWOOD
	THOUSAND CUBIC FEET									
NATIONAL FOREST	--	--	--	--	--	--	--	--	--	--
OTHER PUBLIC	30,511	24,420	436	3,608	2,047	22,762	18,124	--	2,458	2,180
FOREST INDUSTRY	193,748	154,792	6,291	17,671	14,994	153,281	138,808	2,046	5,233	7,194
FARMER	139,883	101,244	1,012	25,858	11,769	138,039	116,992	318	10,950	9,779
MISCELLANEOUS PRIVATE	190,887	149,652	4,724	22,035	14,476	159,123	140,229	1,026	12,867	5,001
ALL OWNERSHIPS	555,029	430,108	12,463	69,172	43,286	473,205	414,153	3,390	31,508	24,154

TABLE 23. --*NET ANNUAL GROWTH AND REMOVALS OF SAWTIMBER ON COMMERCIAL FOREST LAND, BY OWNERSHIP CLASS AND SPECIES GROUP, 1980*

OWNERSHIP CLASS	NET ANNUAL GROWTH					ANNUAL TIMBER REMOVALS				
	ALL SPECIES	PINE	OTHER SOFTWOOD	SOFT HARDWOOD	HARD HARDWOOD	ALL SPECIES	PINE	OTHER SOFTWOOD	SOFT HARDWOOD	HARD HARDWOOD
	THOUSAND BOARD FEET									
NATIONAL FOREST	--	--	--	--	--	--	--	--	--	--
OTHER PUBLIC	136,786	118,713	1,499	8,403	8,171	80,583	59,709	--	7,934	12,940
FOREST INDUSTRY	539,247	408,195	25,362	54,801	50,889	514,889	465,680	8,527	14,455	26,227
FARMER	576,234	452,394	4,154	81,863	37,823	513,480	442,083	697	38,697	32,003
MISCELLANEOUS PRIVATE	711,118	562,508	19,629	69,078	59,903	588,425	522,652	3,246	40,540	21,987
ALL OWNERSHIPS	1,963,385	1,541,810	50,644	214,145	156,786	1,697,377	1,490,124	12,470	101,626	93,157

TABLE 24.--*AVERAGE NET VOLUME PER ACRE OF SAWTIMBER, GROWING STOCK, AND OTHER LIVE TIMBER[1] ON COMMERCIAL FOREST LAND, BY OWNERSHIP CLASS, MAJOR FOREST TYPE, AND SPECIES GROUP, 1981*

FOREST TYPE, SPECIES GROUP, AND CLASS OF MATERIAL	ALL OWNERSHIPS		OWNERSHIP CLASS									
			NATIONAL FOREST		OTHER PUBLIC		FOREST INDUSTRY		FARMER		MISC. PRIVATE	
	BOARD FEET	*CUBIC FEET*	*BOARD FEET*	*CUBIC FEET*	*BOARD FEET*	*CUBIC FEET*	*BOARD FEET*	*CUBIC FEET*	*BOARD FEET*	*CUBIC FEET*	*BOARD FEET*	*CUBIC FEET*
PINE TYPES:												
GROWING STOCK:												
SOFTWOOD	2,739	982	--	--	5,454	1,375	1,345	741	3,945	1,199	3,081	1,049
HARDWOOD	140	63	--	--	333	121	61	32	176	99	174	67
TOTAL	2,879	1,045	--	--	5,787	1,496	1,406	773	4,121	1,298	3,255	1,116
OTHER TIMBER:												
SOFTWOOD	--	3	--	--	--	6	--	3	--	2	--	2
HARDWOOD	--	13	--	--	--	14	--	8	--	23	--	12
TOTAL	--	16	--	--	--	20	--	11	--	25	--	14
OAK-PINE TYPES:												
GROWING STOCK:												
SOFTWOOD	2,396	659	--	--	3,311	812	2,718	795	2,546	659	1,885	546
HARDWOOD	917	388	--	--	552	235	1,028	378	936	462	901	357
TOTAL	3,313	1,047	--	--	3,863	1,047	3,746	1,173	3,482	1,121	2,786	903
OTHER TIMBER:												
SOFTWOOD	--	5	--	--	--	13	--	8	--	--	--	6
HARDWOOD	--	78	--	--	--	160	--	36	--	98	--	72
TOTAL	--	83	--	--	--	173	--	44	--	98	--	78
UPLAND HARDWOOD TYPES:												
GROWING STOCK:												
SOFTWOOD	503	116	--	--	292	65	836	168	413	110	414	97
HARDWOOD	2,200	693	--	--	1,055	288	3,781	1,066	1,450	588	2,101	610
TOTAL	2,703	809	--	--	1,347	353	4,617	1,234	1,863	698	2,515	707
OTHER TIMBER:												
SOFTWOOD	--	2	--	--	--	--	--	--	--	2	--	2
HARDWOOD	--	123	--	--	--	450	--	111	--	97	--	129
TOTAL	--	125	--	--	--	450	--	111	--	99	--	131
BOTTOMLAND HARDWOOD TYPES:												
GROWING STOCK:												
SOFTWOOD	1,224	324	--	--	671	155	1,525	416	902	211	1,266	348
HARDWOOD	3,779	1,345	--	--	4,491	1,617	3,770	1,277	3,987	1,470	3,536	1,277
TOTAL	5,003	1,669	--	--	5,162	1,772	5,295	1,693	4,889	1,681	4,802	1,625
OTHER TIMBER:												
SOFTWOOD	--	8	--	--	--	2	--	19	--	1	--	4
HARDWOOD	--	225	--	--	--	337	--	225	--	190	--	236
TOTAL	--	233	--	--	--	339	--	244	--	191	--	240
ALL TYPES:												
GROWING STOCK:												
SOFTWOOD	2,135	712	--	--	3,914	980	1,446	636	2,515	731	2,249	732
HARDWOOD	1,261	454	--	--	1,240	446	1,189	398	1,391	552	1,240	438
TOTAL	3,396	1,166	--	--	5,154	1,426	2,635	1,034	3,906	1,283	3,489	1,170
OTHER TIMBER:												
SOFTWOOD	--	4	--	--	--	6	--	7	--	1	--	3
HARDWOOD	--	79	--	--	--	123	--	65	--	84	--	83
TOTAL	--	83	--	--	--	129	--	72	--	85	--	86
ALL TIMBER	3,396	1,249	--	--	5,154	1,555	2,635	1,106	3,906	1,368	3,489	1,256

[1] ROUGH AND ROTTEN TREES.

TABLE 25.--*LAND AREA, BY CLASS, MAJOR FOREST TYPE, AND SURVEY COMPLETION DATE, 1960, 1971, AND 1981*

LAND USE CLASS	SURVEY COMPLETION DATE			CHANGE
	1960	1971	1981	1971-1981
		ACRES		
FOREST LAND:				
COMMERCIAL FOREST LAND:				
PINE AND OAK-PINE TYPES	5,702,300	5,155,202	4,793,359	-361,843
HARDWOOD TYPES	2,242,700	2,273,803	2,371,557	+ 97,754
TOTAL	7,945,000	7,429,005	7,164,916	-264,089
NONCOMMERCIAL FOREST LAND:				
PRODUCTIVE-RESERVED	600	335,800	383,928	+ 48,128
UNPRODUCTIVE	22,400	22,766	18,161	- 4,605
TOTAL	23,000	358,566	402,089	+ 43,523
NONFOREST LAND:				
CROPLAND	1,603,500	1,613,848	1,759,674	+145,826
PASTURE AND RANGE	322,100	341,806	307,170	- 34,636
OTHER	725,400	835,260	944,636	+109,376
TOTAL	2,651,000	2,790,914	3,011,480	+220,566
ALL LAND[1]	10,619,000	10,578,485	10,578,485	--

[1] EXCLUDES ALL WATER AREAS.

TABLE 26. --*VOLUME[1] OF SAWTIMBER, GROWING STOCK, AND ALL LIVE TIMBER ON COMMERCIAL FOREST LAND, BY SPECIES GROUP, DIAMETER CLASS, AND SURVEY COMPLETION DATE*

SPECIES GROUP	YEAR	ALL CLASSES	DIAMETER CLASS (INCHES AT BREAST HEIGHT)								
			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 AND LARGER
SAWTIMBER (IN THOUSAND BOARD FEET)											
SOFTWOOD	1960	13,533,578	--	--	3,783,823	3,941,602	2,677,011	1,504,890	725,172	425,878	475,202
	1971	14,036,576	--	--	3,537,100	3,836,794	2,957,420	1,768,818	879,853	470,063	586,528
	1981	15,295,790	--	--	3,601,839	3,770,730	3,079,837	2,033,453	1,181,302	723,852	904,777
HARDWOOD	1960	6,016,582	--	--	--	1,209,100	1,297,201	1,007,884	757,485	523,696	1,221,216
	1971	7,327,702	--	--	--	1,383,028	1,514,397	1,187,422	919,473	651,493	1,671,889
	1981	9,037,839	--	--	--	1,639,855	1,726,727	1,395,814	1,253,843	860,935	2,160,665
GROWING STOCK (IN THOUSAND CUBIC FEET)											
SOFTWOOD	1960	4,403,343	554,051	882,142	1,031,858	872,615	523,672	272,477	123,182	69,350	73,996
	1971	4,655,526	708,866	916,550	964,576	849,412	578,525	320,264	149,457	76,545	91,331
	1981	5,105,091	818,843	1,039,105	982,203	834,856	602,498	368,188	200,655	117,865	140,878
HARDWOOD	1960	2,369,778	274,958	372,557	361,394	359,744	321,010	221,952	153,182	99,562	205,419
	1971	2,755,190	297,142	391,412	427,872	411,493	374,758	261,489	185,940	123,858	281,226
	1981	3,253,092	342,267	431,634	475,844	487,968	427,340	307,367	253,555	163,661	363,456
ALL LIVE TIMBER (IN THOUSAND CUBIC FEET)											
SOFTWOOD	1960	4,425,450	559,646	884,356	1,037,543	875,766	523,863	273,005	123,305	69,964	78,002
	1971	4,679,945	716,027	918,845	969,887	852,471	578,734	320,896	149,632	77,215	96,238
	1981	5,133,595	825,093	1,043,014	987,474	838,066	602,864	368,918	200,895	118,856	148,415
HARDWOOD	1960	2,785,631	350,745	450,346	434,378	406,026	358,085	248,827	171,470	114,466	251,288
	1971	3,236,630	379,043	473,143	514,276	464,421	418,042	293,176	208,166	142,420	343,943
	1981	3,821,551	438,353	522,442	571,773	551,014	476,745	344,554	283,841	188,228	444,601

[1] TO PROVIDE A BASIS FOR VALID COMPARISONS, ADJUSTMENTS HAVE BEEN MADE TO ALLOW FOR DIFFERENCES IN VOLUME TABLES AND SAWTIMBER SPECIFICATIONS USED IN PREVIOUS SURVEYS.

*U. S. GOVERNMENT PRINTING OFFICE 1982—539-000/4009

Sheffield, Raymond M.
Forest statistics for Southeast Georgia, 1981. Resour. Bull. SE-63. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station; 1981. 30 p.

Since the fourth inventory of the forest resources of Southeast Georgia in 1971, the area of commercial forest land has declined by 264,000 acres, or by 4 percent. Commercial forests now occupy 7.2 million acres, or 67 percent of the land in these 35 counties. About 40 percent of the commercial forest land is under forest industry control, either by fee-simple ownership or long-term lease agreements. The inventory of softwood growing stock has increased by nearly 10 percent since 1971, while the inventory of hardwood growing stock has increased by 18 percent. Loblolly pine and slash pine accounted for 84 percent of the softwood-volume gain. Net annual growth of growing stock totaled 555 million cubic feet, 17 percent more than annual timber removals. Yellow pine removals exceeded yellow pine growth by more than 16 percent on farm ownerships.

KEYWORDS: Forest trends, commercial forest land, forest ownership, timber volume, timber growth, timber removals.

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The Forest Service, U.S. Department of Agriculture, is dedicated to the principle of multiple use management of the Nation's forest resources for sustained yields of wood, water, forage, wildlife, and recreation. Through forestry research, cooperation with the States and private forest owners, and management of the National Forests and National Grasslands, it strives—as directed by Congress—to provide increasingly greater service to a growing Nation.