United States
Department of
Agriculture

Forest Service

**Southern Forest
Experiment Station**

New Orleans,
Louisiana

Resource Bulletin
SO-183
September 1993

The Woody Biomass Resource of East Texas, 1992

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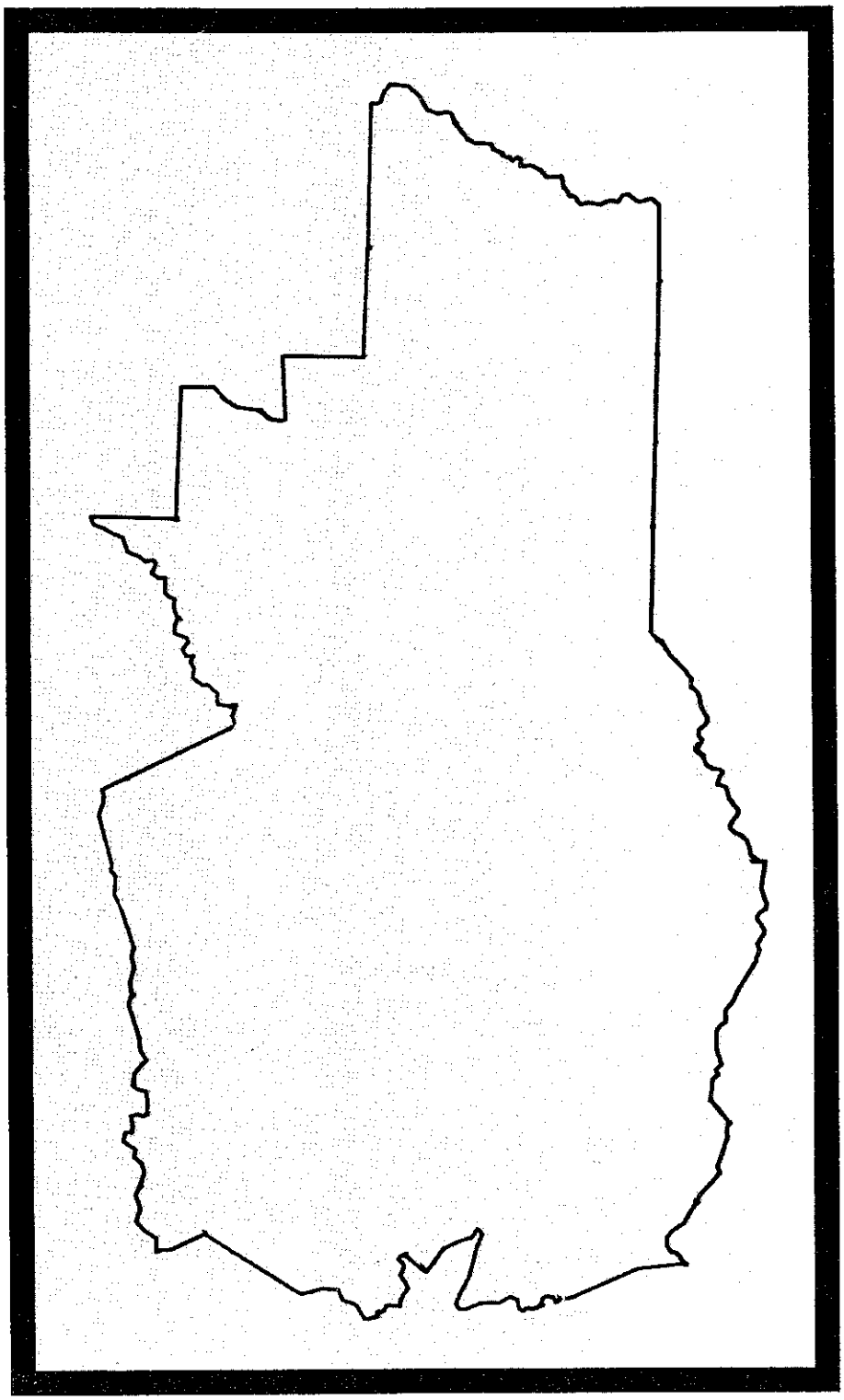

SUMMARY

Data from the 1992 east Texas forest survey were used to derive fresh and dry biomass estimates for all trees, on timberland, greater than 1.0 inch in diameter at breast height (d.b.h.). There are 382.2 million fresh tons in softwood species and 492.9 million fresh tons in hardwood species. The woody biomass resource averages 43.2 and 45.4 tons per acre for softwoods and hardwoods where they occur, respectively. Most of this biomass is in the stem portion of the trees—84 percent for softwoods and 74 percent for hardwoods. Nonindustrial private landowners hold 56 and 71 percent of the total softwood and hardwood biomass resource, respectively.

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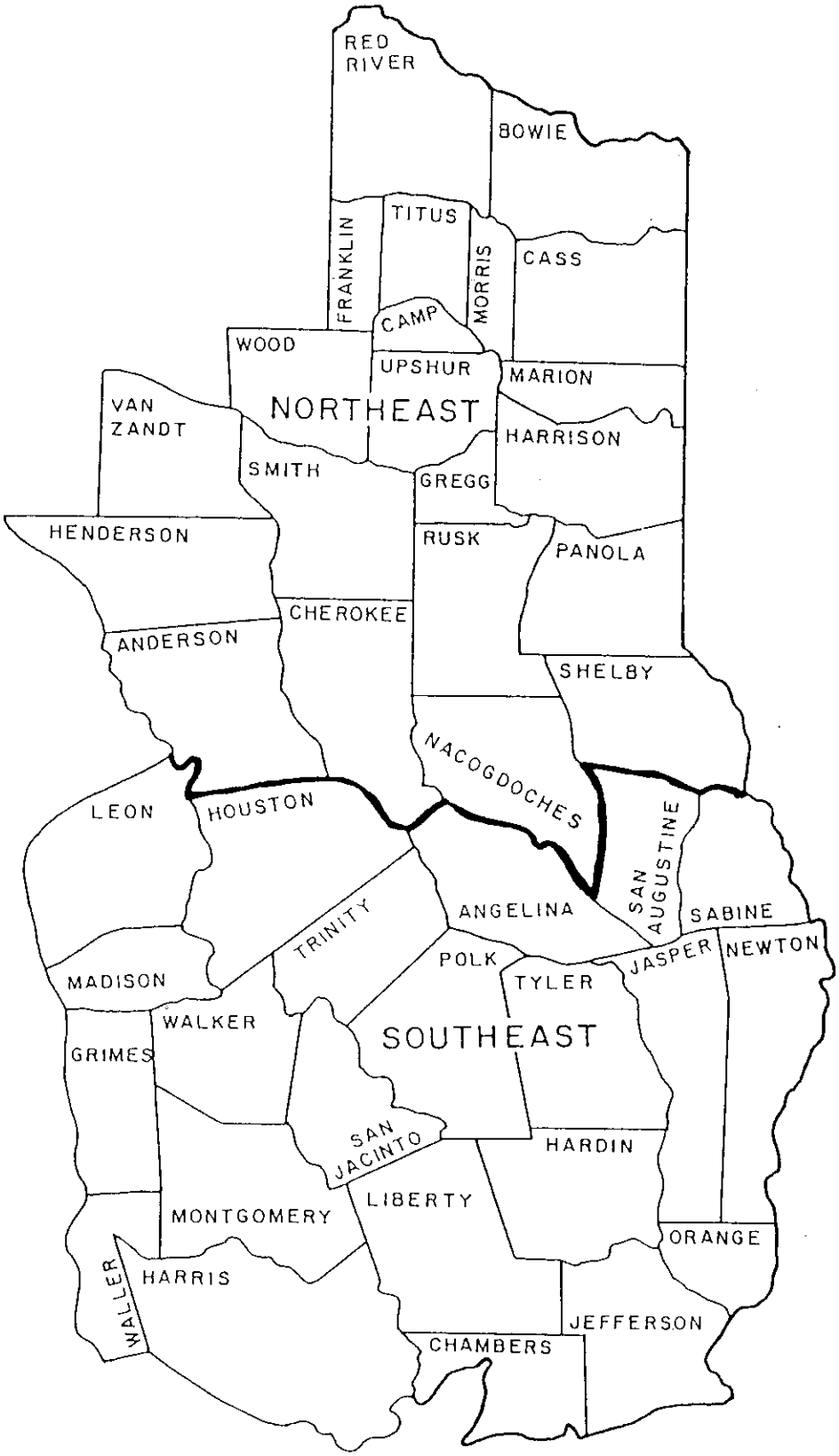

Figure I.—East Texas counties.

The Woody Biomass Resource of East Texas, 1992

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INTRODUCTION

Data from the most recent east Texas forest survey were used to derive estimates of wood and bark biomass by counties (fig. I). The information is important to resource managers, legislators, policymakers, and procurement specialists in regard to the extent, location, and potential availability of the woody biomass resource in the State. The survey is designed to produce reliable estimates at the State level. To provide flexibility in analysis, however, information is presented by individual counties. Subsequently, users may combine county statistics for their particular area of interest. Fairly reliable estimates will result from aggregations of several counties (see statistical reliability section). Magnitude of standard errors dictates not using these data on a county-by-county basis.

Wood and bark biomass estimates for all trees on timberland are summarized in this report. The resource is described by dimension (size), forest type, ownership, species, stand attributes, and tree merchantability class. Shrub and herbaceous vegetation data were not included in these estimates. Also, only estimates pertaining to timberland acreage were included. Definitions of terms are given in appendix 1. A species list of all trees occurring in the sample, alphabetized by scientific name, is given in appendix 2.

All 62 resource tables are presented in appendix 3. Tables 1 through 4 describe timberland area by ownership class, forest type group, stand-size class, and basal area class, respectively. Tables 5 through 61 describe the biomass resource of species group by county (5–7), ownership class by county (8–13), forest type group by county (14–19), ownership class by forest type group (20–25), diameter class by species (26–31), diameter class by county (32–37), height class by species (38–43), height class by county (44–49), tree class by county (50–55), and basal area class by county (56–61). Table 62 gives sampling errors for individual counties. Major resource attributes are shown in appendix 4 (figs. 1 through 8).

METHODS

The inclusive dates for the east Texas survey were February 1991 to August 1992. A total of 2,056 timberland sample plots on a 3-mile square grid were visited by field crews during this period. At each forested sample plot, all trees ≥5.0 inches in diameter at breast height (d.b.h.) were tallied with a 37.5 basal area factor (BAF) prism on 10 satellite points distributed over an area of approximately 1 acre. Trees ≥1.0 but <5.0 inches in d.b.h. were tallied on three 0.0036-acre plots (7.1-foot radius circular plot). Twenty-three variables were assessed on each tree ≥5.0 inches in d.b.h. The variables most important to the assessment of biomass estimates were total tree height and stem d.b.h. Diameters were measured with metal tape, and total heights with a clinometer.

Weights were derived for each inventory sample tree by applying regression equations and coefficients developed by the USDA Forest Service's Southeastern Forest Experiment Station headquartered at Asheville, North Carolina (Clark and others 1985, 1986a, 1986b; Clark and Saucier 1990; Clark and Schroeder 1986; Saucier and Clark 1985).

The following equations were used:

for trees ≥1.0 inch and <5.0 inches in d.b.h.

$$Y = a'(D^2)^b$$

for softwood trees ≥5.0 inches and <9.0 inches in d.b.h. and hardwood trees ≥5.0 inches and <11.0 inches in d.b.h.

$$Y = a'(D^2TH)^b$$

for softwood trees ≥9.0 inches in d.b.h. and hardwood trees ≥11.0 inches in d.b.h.

$$Y = a''(D^2)^b(TH)^c$$

where:

Y = fresh or ovendry weight (based upon coefficients used)
D = tree d.b.h.
TH = total height of tree
a', a'', b, c = regression coefficients.

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Species-specific coeffients were used to estimate fresh and dry weights of trees ≥1.0 inch in d.b.h. When species-specific coeffients were not available for a particular species, general coeffients for softwoods, soft hardwoods (specific gravity <0.50), and hard hardwoods (specific gravity >0.50) were substituted. It has been demonstrated that these general coefficients derived from grouped species produce reliable estimates for regional surveys (Freedman 1984).

Wood and bark weights were computed for two components of each tree: (1) the total tree above a 1-foot stump to the uppermost twig tips and (2) the main stem (above a 1-foot stump to a stem terminus of 4 inches in diameter outside the bark). A third tree component, crown weight, was derived by subtracting stem weight from total tree weight. No merchantability standard of quality was applied to individual trees; all stem estimates were made to a 4-inch top.

STATISTICAL RELIABILITY

Three types of error were associated with these estimates: (1) estimating error, (2) application error, and (3) sampling error. The standard of accuracy of the statistics in these tables was governed by temporal and economic constraints. In large regional surveys, it is imperative that the factors of time and budget be maintained at optimum levels.

Estimating error involves three basic areas: (1) biased error, caused by instruments not properly calibrated; (2) compensating error, caused by instruments of moderate precision; and (3) accidental error, caused by human error in measuring and compiling. All of these errors were held to a minimum by a system that incorporates training, check plots, and an edit (consistency) check. Field personnel undergo training for 3 to 4 months under the guidance of field-experienced personnel. Field work was checked by supervisors. Editing checks in the office screened out logical and data entry errors on all plots. It is not possible to measure estimating error statistically, but the Southern Forest Experiment Station Forest Inventory and Analysis (SO-FIA) unit holds it to a minimum by adequate training, experienced supervision, and emphasis on careful work.

Application error comes from applying biomass estimator equations to deterministic measurements made on inventory sample trees. There were five principal errors: (1) some species may have had no equations developed; therefore, coefficients for other "similar" species were substituted, (2) the size range of biomass sample trees may not cover the full range of sizes encountered in a large-scale inventory, (3) the geographic range of the inventory may be outside that of the biomass sample trees, (4) trees used in developing biomass coefficients were from fully stocked stands; inventory plots ranged from nonstocked to overstocked, and (5) a statistical error was associated with the biomass equations. None of these errors were accounted for in the tables.

Sampling error is the error associated with natural and expected deviation of the sample from the population mean. Thus, the deviation was susceptible to a mathematical evaluation of the probability of error. Sampling errors in table 62 were based on one standard deviation. That is, the chances are two out of three that if the results of a 100-percent census were known, the sample results would be within the limits indicated.

Estimates smaller than State totals will have resultant larger sampling errors. The smaller the area examined, the larger the sampling error. In addition, as area or biomass totals are stratified by forest type, species, diameter class, ownership, or other subunits, the sampling error increases and is greatest for the smallest divisions. The computed sampling error takes the area estimate error into account. The following formula was used to derive the sampling error for this report:

$$SE = \sqrt{(A)^2 (S_{\bar{y}}^2) + (\bar{Y}_\omega)^2 (S_A^2)} \times 100$$

where:

SE = sampling error
A = area of timberland
$S_{\bar{y}}^2$ = variance of weighted mean biomass estimate
$\bar{Y}_\omega$ = weighted mean of biomass estimate
S_A^2 = variance of timberland area estimate.

The error of the area estimate contributed very little to the sampling area error at the State level (≈0.1 percent) but could be substantial at sub-State levels of computation.

Biomass resource information is reported by individual east Texas counties, thereby allowing computation of statistical confidence for any combination of counties. Sampling error may be estimated by using the following formula:

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

where:

SE = standard error of estimate (expressed as a percentage)
X = variable of interest (area or volume)
g = group of counties to be combined
t = total for the unit.

For example, statistics for dry weight of hardwood stems in Harrison, Panola, and Rusk counties are derived as follows:

$$SE_g = \frac{2.1\sqrt{395{,}946.2}}{\sqrt{38{,}331.7}} = \frac{1{,}321.4}{195.8} = 6.8 \text{ percent.}$$

The 95-percent confidence interval is:

$$38{,}331.7 \pm 1.96\ (0.068 \times 38{,}331.7) = 38{,}331.7 \pm 5{,}108.9$$

The sampling error for hardwood stem dry weight for the three counties is 6.8 percent. The 95-percent confidence interval is 33,222.9 to 43,440.7 million dry pounds. This means that this interval covers the true biomass dry weight of hardwood stems for these three counties unless a 1 in 20 chance of a random event has occurred.

RESOURCE HIGHLIGHTS

Timberland Area

There are 11.8 million acres of timberland in east Texas according to the 1992 survey. The nonindustrial private forest (NIPF) owners hold 62 percent (7.3 million acres) of the total, forest industry holds 32 percent (3.7 million acres), with the remaining 7 percent (0.8 million acres) in the public domain.

Most of the timberland in east Texas is in the loblolly-shortleaf pine forest type, 4.1 million acres. There are 2.5 and 3.2 million acres, respectively, in the oak–pine and oak–hickory types. The remaining timberland is in bottomland hardwood types (1.8 million acres) and the longleaf–slash pine type.

Softwood Biomass

The 1992 survey shows there are 382.2 million fresh tons of softwood biomass in east Texas. Most of this is in the stem component, 321.3 million tons, whereas 60.9 million tons are in the crown component (appendix 4, fig. 1). Dry weight biomass for softwoods is 189.8 million tons – 161.3 million tons in the stem component and 28.5 million tons in the crown component. Fifty-nine percent of east Texas timberland holds only 21 percent of total softwood biomass (appendix 4, fig. 2).

Hardwood Biomass

A total of 492.9 million fresh tons of hardwood biomass is on east Texas's timberland. Most of this, 367.2 million tons, is in the stem component; 125.8 million tons is in the crown component (appendix 4, fig. 1). Dry weight hardwood biomass is 264.8, 198.0, and 66.8 million tons for total tree, stem, and crown components, respectively. Fifty-four percent of east Texas timberland holds only 19 percent of total hardwood biomass (appendix 4, fig. 3).

Ownership

Nonindustrial private owners have 566.0 million fresh tons of biomass (295.1 million dry tons) (appendix 4, fig. 4). This is 65 percent of the total forest resource. Forest industry holds 222.0 million fresh tons (115.3 million dry tons). The remaining 87.2 million fresh tons is in the public domain.

Forest Type

The loblolly–shortleaf pine forest type has 336.3 million fresh tons of biomass (488.8 million dry tons), followed by 183.7, 172.8, and 165.9 million fresh tons in the oak–pine, oak–hickory, and bottomland hardwood types (94.4, 92.2, and 91.0 million dry tons), respectively. These three forest types collectively account for 98 percent of all fresh weight biomass (appendix 4, fig. 5). The remaining 2 percent of fresh biomass is in the longleaf–slash pine type.

Diameter Class

A major portion of the State's biomass is in trees ≥7.0 and <17.0 inches in d.b.h. Trees in this diameter class account for 462.2 million fresh tons (239.4 million dry tons). These diameter classes account for 53 percent of the total biomass resource (appendix 4, fig. 6).

Tree Class

There are 665.9 million fresh tons (267.9 million dry tons) of biomass in growing-stock trees ≥5.0 inches in d.b.h. (appendix 4, fig. 7). Rough and rotten trees account for 104.4 million fresh tons (39.1 million dry tons) of biomass. Salvable dead trees account for only 3.2 million fresh tons, less than one-half of 1 percent of the total biomass resource.

Species

The predominant tree species in east Texas is loblolly pine, with 272.6 million fresh tons (135.4 million dry tons) of biomass. Shortleaf pine ranked second in dominance, with 84.7 million fresh tons (41.1 million dry tons), followed closely by sweetgum, with 80.6 million fresh tons (38.6 million dry tons). Together, these three species account for 50 percent of the State's fresh weight biomass.

LITERATURE CITED

Clark, Alexander, III; Phillips, Douglas R.; Frederick, Douglas J. 1985. Weight, volume, and physical properties of major hardwood species in the Gulf and Atlantic Coastal Plains. Res. Pap. SE-250. Asheville,

NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station. 66 p.

Clark, Alexander, III; Phillips, Douglas R.; Frederick, Douglas J. 1986a. Weight, volume, and physical properties of major hardwood species in the Piedmont. Res. Pap. SE-255. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station. 78 p.

Clark, Alexander, III; Saucier, Joseph R. 1990. Tables for estimating total-tree weights, stem weights, and volumes of planted and natural southern pines in the Southeast. Georgia Forest Res. Pap. 79. Macon, GA: Research Division, Georgia Forestry Commission. 23 p.

Clark, Alexander, III; Saucier, Joseph R.; McNab, W. Henry. 1986b. Total-tree weight, stem weight, and volume tables for hardwood species in the Southeast. Georgia Forest Res. Pap. 60. Macon, GA: Researcl Division, Georgia Forestry Commission. 45 p.

Clark, Alexander, III; Schroeder, James G. 1986 Weight, volume, and physical properties of majoı hardwood species in the southern Appalachiar Mountains. Res. Pap. SE-253. Asheville, NC: U.S Department of Agriculture, Forest Serivce, South-eastern Forest Experiment Station. 63 p.

Freedman, B. 1984. The relationship between the above ground dry weight and diameter for a wide size range of erect land plants. Canadian Journal of Botany. 62: 2,370–2,374.

Saucier, Joseph R.; Clark, Alexander, III. 1985. Tables for estimating total tree and product weight and volume of major southern tree species and species groups. Washington, DC: Southwide Energy Committee, American Pulpwood Association. 59 p.

Appendixes

Appendix 1.—Definitions of Terms

Forest Land Classes

Forest land—Land at least 10 percent stocked by forest trees of any size or formerly having such tree cover and not currently developed for nonforest uses. Minimum area considered for classification is 1 acre. The USDA Forest Service inventory defines three types of forest land: reserved forest land, timberland, and woodland, all defined below.

Reserved forest land—Productive public forest land withdrawn from timber utilization through statutes or administrative regulations.

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.

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

Tree Classes

Commercial species—Tree species currently or prospectively suitable for industrial wood products. Excluded are noncommercial species. See species list.

Cull trees—Rough or rotten trees.

Growing-stock trees—Living trees of commercial species. Trees must have one 12-foot or two 8-foot logs, currently or potentially, to be classified as growing stock. The log(s) must meet dimension and merchantability standards to qualify. Trees must also have, currently or potentially (if too small to qualify), one-third of the gross board-foot volume in sound wood.

Hardwoods—Dicotyledonous trees, usually broad leaved and deciduous.

Live trees—All trees that are alive. Included are all size classes (≥1.0 inch in d.b.h.), all tree classes, and both commercial and noncommercial species.

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

Nonsalvable dead trees—Standing or downed dead trees that were formerly growing stock or cull and are not considered merchantable at the time of the survey. (Do not meet soundness, tree class, or size requirements under salvable dead tree definition.)

Rotten trees—Live trees of commercial species that are unmerchantable for sawlogs, currently or potentially, because of rot deduction in the sawlog portion. See growing-stock trees.

Rough trees—Live trees of commercial species that are unmerchantable for sawlogs, currently or potentially, because of roughness or poor form in the sawlog portion. Also includes all live trees of noncommercial species. See growing-stock trees.

Salvable dead trees—Standing or downed dead trees that were formerly growing stock and are considered merchantable. One-third of the board-foot volume must be sound in softwoods ≥9.0 inches in d.b.h. and one-half of the board-foot volume, sound in hardwoods ≥11.0 inches in d.b.h.; one-half of the cubic-foot volume must be sound in softwoods <9.0 inches in d.b.h. and in hardwoods <11.0 inches in d.b.h. All salvable dead trees must be ≥5.0 inches in d.b.h. to qualify.

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

Forest Type Groups

Elm–ash–cottonwood—Forests in which elms, ashes, or cottonwood, singly or in combination, comprises a plurality of the stocking. Common associates include willow, sycamore, beech, and maples.

Loblolly–shortleaf pine—Forests in which pines (except longleaf or slash pines) or eastern redcedar, singly or in combination, comprises a plurality of the stocking. Common associates include oaks, hickories, and gums.

Longleaf–slash pine—Forests in which longleaf or slash pines, singly or in combination, comprise a plurality of the stocking. Common associates include oaks, hickories, and gums.

Nontyped—Timberland currently unoccupied by any live trees or seedlings; very recent clearcut areas.

Oak–gum–cypress—Bottomland forests in which tupelo, blackgum, sweetgum, oaks, or cypress, singly or in combination, comprises a plurality of the stocking, except where pines comprise 25 to 49 percent, in which case the stand would be classified oak-pine. Common associates include cottonwood, willow, ashes, elms, hackberries, and maples.

Oak–hickory—Forests in which upland oaks or hickories, singly or in combination, comprise a plurality of the stocking, except where pines comprise 25 to 49 percent, in which case the stand would be classified oak-pine. Common associates include yellow-poplar, elms, maples, and black walnut.

Oak–pine—Forests in which hardwoods (usually upland oaks) comprise a plurality of the stocking but in which pines comprise 25 to 49 percent of the stocking. Common associates include gums, hickories, and yellow-poplar.

Biomass

Crown weight—Weight of wood and bark in upper branches. Crown weight equals total tree weight minus stem weight.

Dry weight—Mass of tree component when ovendried to a constant weight at 215 °F.

Fresh weight—Mass of tree component at time of cutting.

Stem weight—Weight of wood and bark in central stem from a 1-foot stump to a 4-inch top. No merchantability standards are used to define the terminus of the stem; all trees ≥5.0 inches in d.b.h. are configured to a 4-inch top; trees <5.0 inches in d.b.h. are configured from a 1-foot stump to the central stem twig tip.

Total tree weight—Weight of wood and bark from a 1-foot stump to twig tips. Leaves, flowers, fruits, and roots are not included.

Ownership Classes

Forest industry lands—Lands owned by companies or individuals operating wood-using plants (either primary or secondary).

Public lands (include the following):

National forest lands—Federal lands that have been legally designated as national forests or purchase units and other lands under the administration of the USDA Forest Service, including experimental areas.

Other Federal lands—Federal lands other than national forests.

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.

Nonindustrial private lands; NIPF (include the following):

Farmer-owned lands—Lands operated as a unit of 10 acres or more from which the sale of agricultural products totals $1,000 or more annually.

Nonindustrial private lands (corporate)—Lands privately owned by corporations other than forest industries and incorporated farms.

Nonindustrial private lands (individual)—Lands privately owned by individuals other than forest industries, farmers, or miscellaneous private corporations.

Miscellaneous Definitions

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

Diameter at breast height (d.b.h.)—Tree diameter in inches, outside bark, usually measured at 4½ feet above ground.

Natural pine—Pine trees on timberland that show no evidence of artificial regeneration.

Natural stands—Stands with no evidence of artificial regeneration, including stands established by seed tree regeneration methods.

Pines—Tree species of the genus *Pinus*.

Plantations—Stands regenerated by planting or seeding.

Planted pines—Pine trees on timberland that show evidence of planting or artificial seeding.

Appendix 2.—Species List

Species list* of trees ≥1.0 inch in d.b.h. occurring in the FIA sample, east Texas, 1992

Genus	Specific epithet	Common name
Gymnosperms		
Juniperus	*virginiana*	Eastern redcedar
Pinus	*echinata*	Shortleaf pine
P.	*elliottii*	Slash pine
P.	*palustris*	Longleaf pine
P.	*taeda*	Loblolly pine
Taxodium	*distichum*	Baldcypress
Angiosperms		
Acer	*barbatum*	Florida maple
A.	*negundo*	Boxelder
A.	*rubrum*	Red maple
A.	*saccharinum*	Silver maple
A.	*saccharum*	Sugar maple
Betula	*nigra*	River birch
Bumelia	spp.†	Bumelia
Carpinus	*caroliniana*†	Blue beech, American hornbeam
Carya	spp.‡	Hickories
C.	*aquatica*	Water hickory
C.	*cordiformis*	Bitternut hickory
C.	*glabra*	Pignut hickory
C.	*illinoensis*	Pecan
C.	*laciniosa*	Shellbark hickory
C.	*ovata*	Shagbark hickory
C.	*texana*	Black hickory
C.	*tomentosa*	Mockernut hickory
Castanea	spp.†	Chinkapin
C.	*pumila*	Allegheny chinkapin
Catalpa	spp.	Catalpa
Celtis	*laevigata*	Sugarberry
C.	*occidentalis*	Hackberry
Cercis	*canadensis*†	Eastern redbud
Cornus	*florida*	Flowering dogwood
Crataegus	spp.†	Hawthorn
Diospyros	*virginiana*	Common persimmon
Fagus	*grandifolia*	American beech
Fraxinus	*americana*	White ash
F.	*pennsylvanica*	Green ash
Gleditsia	*aquatica*	Waterlocust
G.	*triacanthos*	Honeylocust
Ilex	*opaca*	American holly
Juglans	*nigra*	Black walnut
Liquidambar	*styraciflua*	Sweetgum
Maclura	*pomifera*	Osage-orange
Magnolia	*acuminata*	Cucumbertree
M.	*grandiflora*	Southern magnolia
M.	*virginiana*	Sweetbay
Melia	*azedarach*†	Chinaberry
Morus	*alba*†	White mulberry
M.	*rubra*	Red mulberry

Appendix 2.—Species List

Species list* of trees ≥1.0 inch in d.b.h. occurring in the FIA sample, east Texas, 1992

Genus	Specific epithet	Common name
Nyssa	*aquatica*	Water tupelo
N.	*sylvatica*	Blackgum, black tupelo
N.	*sylvatica* var. *biflora*	Swamp tupelo
Ostrya	*virginiana*†	Ironwood, eastern hophornbeam
Oxydendrum	*arboreum*†	Sourwood
Persea	*borbonia*	Redbay
Planera	*aquatica*†	Water-elm
Platanus	*occidentalis*	American sycamore
Populus	*deltoides*	Eastern cottonwood
Prunus	*serotina*	Black cherry
P.	spp.†	Plums, cherries (except black cherry)
Quercus	*alba*	White oak
Q.	*bicolor*	Swamp white oak
Q.	*coccinea*	Scarlet oak
Q.	*durandii*	Durand oak
Q.	*falcata*	Southern red oak
Q.	*falcata* var. *pagodifolia*	Cherrybark oak
Q.	*incana*†	Bluejack oak
Q.	*laevis*†	Turkey oak
Q.	*laurifolia*	Laurel oak
Q.	*lyrata*	Overcup oak
Q.	*macrocarpa*	Bur oak
Q.	*marilandica*†	Blackjack oak
Q.	*michauxii*	Swamp chestnut oak
Q.	*muehlenbergii*	Chinkapin oak
Q.	*nigra*	Water oak
Q.	*nuttallii*	Nuttall oak
Q.	*phellos*	Willow oak
Q.	*prinus*	Chestnut oak
Q.	*shumardii*	Shumard oak
Q.	*stellata*	Post oak
Q.	*velutina*	Black oak
Q.	*virginiana*†	Live oak
Robinia	*pseudoacacia*	Black locust
Salix	*nigra*	Black willow
Sapium	*sebiferum*†	Chinese tallowtree
Sassafras	*albidum*	Sassafras
Tilia	*americana*	American basswood
T.	*heterophylla*	White basswood
Ulmus	*alata*	Winged elm
U.	*americana*	American elm
U.	*crassifolia*	Cedar elm
U.	*rubra*	Slippery elm
Vaccinium	*arboreum*†	Tree sparkleberry

*Nomenclature after: Little, E.L., Jr. 1979. Checklist of United States trees (native and naturalized). Agric. Handb. 541. Washington, DC: U.S. Department of Agriculture. 375 p.

†Noncommercial species.

‡Hickories not identified to species.

Appendix 3.—Tables

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Table 1.—*Area of timberland by county and ownership class, east Texas, 1992**

County	All classes	Ownership class			
		National forest	Other public	Forest industry	Nonindustrial private
	Thousand acres				
Anderson	341.1	0.0	0.0	66.2	274.9
Angelina	370.1	43.2	0.0	183.1	143.8
Bowie	261.3	0.0	52.3	36.6	172.5
Camp	48.1	0.0	0.0	0.0	48.1
Cass	433.8	0.0	17.6	82.1	334.1
Chambers	12.9	0.0	4.3	0.0	8.6
Cherokee	411.2	0.0	17.6	135.1	258.5
Franklin	54.5	0.0	0.0	0.0	54.5
Gregg	79.5	0.0	0.0	0.0	79.5
Grimes	154.0	0.0	0.0	18.5	135.6
Hardin	449.6	0.0	0.0	334.3	115.3
Harris	267.0	0.0	29.0	5.8	232.2
Harrison	374.0	0.0	0.0	27.9	346.1
Henderson	199.9	0.0	0.0	0.0	199.9
Houston	381.2	89.5	0.0	54.0	237.6
Jasper	508.9	18.1	6.2	372.7	111.8
Jefferson	72.3	0.0	0.0	5.6	66.8
Leon	286.7	0.0	11.0	0.0	275.6
Liberty	385.4	0.0	5.4	165.9	214.1
Madison	86.9	0.0	0.0	0.0	86.9
Marion	207.1	0.0	0.0	38.8	168.3
Montgomery	456.7	40.6	10.5	10.5	395.1
Morris	83.4	0.0	6.4	0.0	77.0
Nacogdoches	379.7	9.2	5.9	117.6	247.0
Newton	534.0	1.8	5.3	405.7	121.2
Orange	126.9	0.0	0.0	44.2	82.8
Panola	337.1	0.0	0.0	79.7	257.4
Polk	537.4	0.0	0.0	392.9	144.5
Red River	294.8	0.0	0.0	52.0	242.8
Rusk	336.7	0.0	0.0	17.7	319.0
Sabine	265.2	82.9	0.0	129.5	52.7
San Augustine	278.4	57.2	0.0	141.3	79.9
San Jacinto	282.9	58.6	6.2	93.4	124.6
Shelby	357.7	58.2	0.0	61.3	238.2
Smith	255.8	0.0	6.2	6.2	243.3
Titus	88.5	0.0	0.0	0.0	88.5
Trinity	352.2	66.7	0.0	212.5	73.0
Tyler	502.5	0.0	5.8	368.1	128.6
Upshur	223.9	0.0	0.0	17.7	206.2
Van Zandt	96.5	0.0	0.0	0.0	96.5
Walker	320.9	50.7	16.9	28.1	225.2
Waller	71.3	0.0	0.0	5.9	65.3
Wood	205.8	0.0	0.0	5.7	200.1
All counties	11,773.8	576.7	206.7	3,716.8	7,273.6

*Numbers in columns and rows may not total due to rounding.

Table 2.—*Area of timberland by county and forest type group, east Texas, 1992*[*]

County	All classes	Forest type group					
		Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Bottomland hardwoods[†]	Nontyped[‡]
	Thousand acres						
Anderson	341.1	0.0	81.5	50.9	117.1	91.6	0.0
Angelina	370.1	12.7	201.2	103.9	19.6	32.7	0.0
Bowie	261.3	0.0	67.9	36.6	104.5	52.3	0.0
Camp	48.1	0.0	0.0	24.0	24.0	0.0	0.0
Cass	433.8	0.0	99.7	99.7	152.4	82.1	0.0
Chambers	12.9	0.0	0.0	8.6	0.0	4.3	0.0
Cherokee	411.2	5.9	123.4	94.0	141.0	47.0	0.0
Franklin	54.5	0.0	15.6	7.8	15.6	15.6	0.0
Gregg	79.5	0.0	21.7	14.5	7.2	36.1	0.0
Grimes	154.0	0.0	43.1	18.5	55.5	37.0	0.0
Hardin	449.6	28.8	207.5	103.7	63.4	46.1	0.0
Harris	267.0	0.0	75.5	34.8	116.1	40.6	0.0
Harrison	374.0	0.0	122.8	106.1	78.1	67.0	0.0
Henderson	199.9	0.0	16.7	33.3	122.2	27.8	0.0
Houston	381.2	5.4	125.8	101.2	76.6	72.2	0.0
Jasper	508.9	44.5	150.1	152.7	87.0	74.5	0.0
Jefferson	72.3	0.0	5.6	5.6	11.1	50.1	0.0
Leon	286.7	0.0	5.5	5.5	204.0	71.7	0.0
Liberty	385.4	0.0	53.5	85.6	96.3	149.9	0.0
Madison	86.9	0.0	6.7	6.7	46.8	26.7	0.0
Marion	207.1	0.0	64.7	64.7	51.8	25.9	0.0
Montgomery	456.7	0.0	184.4	168.6	82.7	21.1	0.0
Morris	83.4	0.0	12.8	25.7	19.2	25.7	0.0
Nacogdoches	379.7	5.9	150.1	73.6	111.7	38.3	0.0
Newton	534.0	63.2	200.2	101.9	126.5	42.2	0.0
Orange	126.9	0.0	16.6	33.1	38.6	38.6	0.0
Panola	337.1	0.0	122.6	79.7	79.7	55.2	0.0
Polk	537.4	0.0	312.0	98.2	63.6	63.6	0.0
Red River	294.8	0.0	40.5	34.7	133.0	86.7	0.0
Rusk	336.7	0.0	124.0	62.0	106.3	44.3	0.0
Sabine	265.2	7.5	143.9	43.9	69.9	0.0	0.0
San Augustine	278.4	0.0	169.9	22.5	47.1	38.9	0.0
San Jacinto	282.9	0.0	141.7	81.7	40.8	18.7	0.0
Shelby	357.7	0.0	109.8	74.5	146.2	27.2	0.0
Smith	255.8	6.2	62.4	43.7	106.1	37.4	0.0
Titus	88.5	0.0	31.2	0.0	31.2	26.0	0.0
Trinity	352.2	0.0	186.2	99.7	26.6	39.8	0.0
Tyler	502.5	46.7	198.7	116.9	81.8	58.4	0.0
Upshur	223.9	5.9	70.7	76.6	47.1	23.6	0.0
Van Zandt	96.5	0.0	0.0	13.8	75.8	6.9	0.0
Walker	320.9	0.0	216.8	42.2	31.0	31.0	0.0
Waller	71.3	0.0	23.8	23.8	5.9	17.8	0.0
Wood	205.8	0.0	57.2	28.6	85.7	34.3	0.0
All counties	11,773.8	232.9	4,063.7	2,503.5	3,146.9	1,826.8	0.0

[*]Numbers in columns and rows may not total due to rounding.
[†]Includes oak-gum-cypress and elm-ash-cottonwood types.
[‡]Timberland with 0.0 stocking in trees.

Table 3.—*Area of timberland by county and stand-size class, east Texas, 1992*[*]

County	All classes	Stand-size class			
		Nonstocked[†]	Sapling-seedling	Poletimber	Sawtimber
	Thousand acres				
Anderson	341.1	0.0	66.2	71.3	203.6
Angelina	370.1	6.5	91.5	65.0	207.0
Bowie	261.3	0.0	94.1	57.5	109.7
Camp	48.1	0.0	32.1	0.0	16.0
Cass	433.8	5.9	158.3	117.2	152.4
Chambers	12.9	0.0	4.3	0.0	8.6
Cherokee	411.2	0.0	146.9	105.7	158.6
Franklin	54.5	0.0	23.3	7.8	23.3
Gregg	79.5	0.0	21.7	14.5	43.4
Grimes	154.0	0.0	43.1	37.0	73.9
Hardin	449.6	0.0	270.9	86.5	92.2
Harris	267.0	17.4	110.3	23.2	116.1
Harrison	374.0	0.0	89.3	89.3	195.4
Henderson	199.9	0.0	50.0	72.2	77.7
Houston	381.2	0.0	112.0	55.0	214.2
Jasper	508.9	0.0	177.6	99.4	231.9
Jefferson	72.3	0.0	27.8	22.3	22.3
Leon	286.7	0.0	77.2	104.7	104.7
Liberty	385.4	0.0	133.8	58.9	192.7
Madison	86.9	0.0	33.4	6.7	46.8
Marion	207.1	0.0	51.8	45.3	110.0
Montgomery	456.7	0.0	102.2	98.5	256.0
Morris	83.4	0.0	32.1	6.4	44.9
Nacogdoches	379.7	0.0	111.7	94.1	173.9
Newton	534.0	0.0	200.2	131.7	202.0
Orange	126.9	0.0	55.2	11.0	60.7
Panola	337.1	0.0	73.6	91.9	171.6
Polk	537.4	0.0	208.0	167.6	161.8
Red River	294.8	0.0	115.6	46.2	133.0
Rusk	336.7	0.0	115.2	70.9	150.6
Sabine	265.2	0.0	93.9	36.3	135.0
San Augustine	278.4	0.0	88.0	81.9	108.5
San Jacinto	282.9	0.0	101.0	44.3	137.6
Shelby	357.7	0.0	108.2	101.7	147.7
Smith	255.8	0.0	81.1	74.9	99.8
Titus	88.5	0.0	10.4	26.0	52.1
Trinity	352.2	0.0	150.5	66.4	135.3
Tyler	502.5	0.0	227.9	93.5	181.1
Upshur	223.9	0.0	58.9	47.1	117.8
Van Zandt	96.5	0.0	6.9	27.6	62.0
Walker	320.9	0.0	56.3	70.4	194.2
Waller	71.3	5.9	11.9	11.9	41.6
Wood	205.8	5.7	45.7	45.7	108.6
All counties	11,773.8	41.5	3,870.1	2,585.6	5,276.7

[*]Numbers in columns and rows may not total due to rounding.
[†]Timberland less than 16.7 percent stocked.

Table 4.—*Area of timberland by county and basal area class, east Texas, 1992*[*]

County	All classes	Basal area class[†] (*Square feet/acre*)					
		<30	30–59	60–89	90–119	120–149	>150
	Thousand acres						
Anderson	341.1	30.5	56.0	101.8	112.0	35.6	5.1
Angelina	370.1	45.8	58.5	97.7	97.3	51.9	18.9
Bowie	261.3	52.3	47.0	94.1	41.8	10.5	15.7
Camp	48.1	16.0	16.0	8.0	8.0	0.0	0.0
Cass	433.8	93.8	82.1	87.9	82.1	70.3	17.6
Chambers	12.9	0.0	8.6	0.0	0.0	4.3	0.0
Cherokee	411.2	70.5	64.6	94.0	111.6	41.1	29.4
Franklin	54.5	7.8	7.8	15.6	23.3	0.0	0.0
Gregg	79.5	14.5	7.2	21.7	28.9	7.2	0.0
Grimes	154.0	18.5	30.8	86.3	18.5	0.0	0.0
Hardin	449.6	167.1	51.9	103.7	69.2	51.9	5.8
Harris	267.0	87.1	63.8	29.0	63.8	23.2	0.0
Harrison	374.0	11.2	78.1	89.3	83.7	78.1	33.5
Henderson	199.9	33.3	44.4	61.1	55.5	5.6	0.0
Houston	381.2	71.2	49.6	112.0	85.0	41.8	21.6
Jasper	508.9	115.4	111.8	68.3	131.5	47.1	34.7
Jefferson	72.3	27.8	0.0	11.1	16.7	11.1	5.6
Leon	286.7	27.6	88.2	93.7	66.2	11.0	0.0
Liberty	385.4	85.6	69.6	117.7	85.6	21.4	5.4
Madison	86.9	20.1	13.4	40.1	13.4	0.0	0.0
Marion	207.1	6.5	32.4	116.5	32.4	12.9	6.5
Montgomery	456.7	35.3	61.6	156.5	107.5	81.7	14.2
Morris	83.4	12.8	6.4	25.7	19.2	12.8	6.4
Nacogdoches	379.7	47.0	44.2	120.7	85.4	76.5	5.9
Newton	534.0	131.7	68.5	147.5	89.6	75.5	21.1
Orange	126.9	38.6	33.1	11.0	22.1	16.6	5.5
Panola	337.1	42.9	42.9	91.9	91.9	42.9	24.5
Polk	537.4	98.2	109.8	138.7	104.0	80.9	5.8
Red River	294.8	63.6	46.2	98.3	75.2	11.6	0.0
Rusk	336.7	44.3	70.9	62.0	79.7	62.0	17.7
Sabine	265.2	51.7	31.5	50.7	72.6	47.3	11.3
San Augustine	278.4	67.6	34.8	45.0	40.9	63.5	26.6
San Jacinto	282.9	40.8	72.6	72.6	67.7	13.1	15.9
Shelby	357.7	43.7	40.8	117.9	98.2	36.9	20.1
Smith	255.8	18.7	68.6	106.1	31.2	25.0	6.2
Titus	88.5	10.4	5.2	31.2	41.7	0.0	0.0
Trinity	352.2	130.6	42.1	75.3	28.8	68.8	6.6
Tyler	502.5	105.2	116.9	169.5	64.3	40.9	5.8
Upshur	223.9	23.6	17.7	64.8	53.0	41.2	23.6
Van Zandt	96.5	0.0	27.6	13.8	34.5	20.7	0.0
Walker	320.9	33.8	50.7	112.6	73.2	39.4	11.3
Waller	71.3	11.9	11.9	11.9	17.8	11.9	5.9
Wood	205.8	34.3	40.0	45.7	57.2	22.9	5.7
All counties	11,773.8	2,089.4	2,026.0	3,219.2	2,582.3	1,417.2	439.8

[*]Numbers in columns and rows may not total due to rounding.

[†]Based upon all live trees ≥1.0 inch in d.b.h.

Table 5.—*Biomass of wood and bark of live trees on timberland by county and species group, east Texas, 1992*[*]

County	Fresh weight						Dry weight					
		Softwood			Hardwood			Softwood			Hardwood	
		Pine						Pine				
	All species	Planted	Natural	Other	Soft[†]	Hard[‡]	All species	Planted	Natural	Other	Soft[†]	Hard[‡]
	Million pounds											
Anderson	54,341.2	1,698.8	13,028.4	266.5	13,099.3	26,248.2	28,788.5	842.6	6,411.8	133.6	6,729.6	14,670.9
Angelina	62,590.9	10,325.6	32,430.0	73.0	5,750.1	14,012.2	31,916.2	5,238.1	16,056.7	37.4	2,880.3	7,703.6
Bowie	36,955.8	1,522.5	8,985.8	56.1	9,173.8	17,217.5	19,638.4	774.9	4,437.8	29.6	4,729.0	9,667.0
Camp	5,113.2	0.0	1,734.4	50.7	1,246.2	2,081.8	2,640.9	0.0	852.6	25.2	626.2	1,136.9
Cass	68,771.1	4,670.9	15,235.0	409.5	17,133.3	31,322.5	35,963.0	2,346.4	7,468.1	203.1	8,570.1	17,375.2
Chambers	1,846.3	0.0	597.5	0.0	429.7	819.1	972.6	0.0	296.1	0.0	231.4	445.1
Cherokee	60,635.7	5,527.2	17,657.7	676.4	14,939.0	21,835.3	31,248.6	2,800.4	8,631.4	335.7	7,499.6	11,981.6
Franklin	6,765.9	0.0	1,039.1	279.6	1,869.4	3,577.9	3,476.8	0.0	518.4	141.5	926.7	1,890.2
Gregg	11,699.2	1,306.8	1,826.8	9.2	3,703.1	4,853.3	6,318.4	652.5	898.1	5.0	1,973.7	2,789.0
Grimes	16,336.5	527.3	3,721.8	914.0	1,632.9	9,540.4	8,848.3	267.7	1,841.3	449.8	874.4	5,415.1
Hardin	46,444.7	10,386.4	10,689.7	181.1	8,480.7	16,706.7	24,369.0	5,362.4	5,367.9	101.3	4,343.3	9,194.1
Harris	29,353.8	0.0	13,588.7	690.1	4,180.4	10,894.7	15,190.0	0.0	6,718.5	386.1	2,056.7	6,028.7
Harrison	64,560.4	4,588.6	22,753.0	1,450.4	14,923.6	20,844.8	33,011.7	2,311.7	11,189.4	809.2	7,558.1	11,143.3
Henderson	21,135.4	305.3	3,554.3	897.8	3,249.7	13,128.2	11,646.3	155.4	1,740.9	442.8	1,679.2	7,628.0
Houston	63,025.6	3,408.6	27,372.7	927.4	9,926.1	21,390.8	32,129.3	1,728.3	13,396.6	451.8	4,962.7	11,589.9
Jasper	80,330.2	9,101.6	26,940.1	687.0	14,450.4	29,151.1	41,850.2	4,738.5	13,436.9	384.3	7,317.4	15,973.1
Jefferson	9,839.1	0.0	894.6	378.0	3,332.2	5,234.4	5,203.8	0.0	438.0	211.5	1,730.5	2,823.8
Leon	35,590.0	0.0	1,875.4	230.2	7,477.5	26,006.9	19,693.6	0.0	925.9	114.1	3,862.5	14,791.0
Liberty	52,910.8	2,056.2	8,178.6	586.1	14,491.1	27,598.9	28,450.6	1,032.3	4,028.7	327.9	7,513.6	15,548.2
Madison	9,126.0	0.0	1,118.5	248.2	2,464.0	5,295.2	5,132.9	0.0	552.5	123.6	1,292.7	3,164.2
Marion	31,750.8	1,335.2	11,061.4	1,466.4	5,489.2	12,398.6	16,344.9	682.0	5,420.3	817.9	2,802.9	6,621.9
Montgomery	82,510.4	4,358.3	41,952.1	24.3	11,199.6	24,976.1	41,624.2	2,180.6	20,644.1	12.6	5,593.6	13,193.2
Morris	13,465.4	0.0	4,419.1	0.0	3,660.5	5,385.8	7,103.8	0.0	2,193.3	0.0	1,840.2	3,070.4
Nacogdoches	65,488.3	5,835.4	25,236.5	46.4	12,273.6	22,096.4	33,550.3	2,952.3	12,400.1	22.6	6,114.4	12,060.9
Newton	72,489.4	16,005.0	20,675.1	317.1	12,820.5	22,671.7	37,592.9	8,249.1	10,270.0	177.4	6,433.7	12,462.7
Orange	18,439.0	864.4	5,378.9	325.4	2,424.5	9,445.8	9,647.0	441.8	2,642.2	182.0	1,238.2	5,142.8
Panola	57,254.6	6,408.8	18,970.1	1,511.2	8,975.8	21,388.7	29,604.6	3,216.5	9,296.4	842.8	4,490.2	11,758.7
Polk	70,966.2	20,015.6	21,730.1	177.5	9,117.9	19,925.1	36,468.5	10,117.6	10,730.3	97.5	4,632.3	10,890.8
Red River	38,360.0	1,646.5	3,673.1	322.4	5,712.7	27,005.4	21,395.4	823.6	1,810.2	163.4	3,105.5	15,492.6
Rusk	58,966.4	613.1	28,071.7	275.6	9,560.1	20,445.8	29,961.0	316.4	13,774.5	135.3	4,795.1	10,939.6
Sabine	48,366.1	4,992.1	25,446.2	0.0	5,046.7	12,881.0	24,722.3	2,546.5	12,487.5	0.0	2,549.2	7,139.1
San Augustine	42,731.9	9,163.8	14,908.3	0.0	7,881.5	10,778.4	21,963.1	4,626.2	7,340.2	0.0	3,963.1	6,033.6
San Jacinto	43,829.1	2,828.4	20,699.0	713.1	8,726.0	10,862.5	22,448.7	1,429.6	10,191.4	396.4	4,353.2	6,078.0
Shelby	62,391.4	6,804.3	18,746.8	310.3	9,686.5	26,843.3	32,157.5	3,404.0	9,156.9	166.3	4,853.9	14,576.5
Smith	34,088.0	2,400.2	8,874.8	241.7	7,464.7	15,106.7	17,873.4	1,183.0	4,393.3	119.6	3,862.5	8,314.9
Titus	13,575.2	0.0	2,191.2	251.9	2,593.6	8,538.6	7,161.2	0.0	1,070.6	126.6	1,313.8	4,650.2
Trinity	47,395.3	8,144.3	20,555.9	0.0	5,360.4	13,334.8	23,824.0	4,091.9	10,081.4	0.0	2,624.7	7,026.0
Tyler	60,837.8	11,088.7	16,809.4	162.8	11,522.0	21,254.8	31,716.9	5,686.6	8,379.5	91.1	5,817.7	11,742.0
Upshur	40,439.0	3,731.3	15,037.3	151.1	10,570.1	10,949.2	20,651.8	1,859.6	7,372.7	77.8	5,348.6	5,993.0
Van Zandt	15,655.4	0.0	741.9	420.0	2,897.1	11,596.5	8,507.9	0.0	362.6	208.9	1,485.1	6,451.2
Walker	50,805.4	4,082.7	27,511.8	42.1	5,535.2	13,633.6	25,924.1	2,037.7	13,563.8	20.6	2,798.1	7,503.8
Waller	12,821.0	0.0	6,411.1	0.0	1,505.2	4,904.8	6,575.0	0.0	3,151.1	0.0	752.5	2,671.3
Wood	30,258.2	506.2	9,822.0	201.8	4,940.4	14,787.9	15,809.2	253.9	4,799.5	100.2	2,500.3	8,155.4
All counties	1,750,256.2	166,250.5	582,145.9	15,972.4	316,916.2	668,971.2	909,116.7	84,350.3	286,739.6	8,472.5	160,626.6	368,927.7

[*]Numbers in columns and rows may not total due to rounding.
[†]Hardwood species with an average specific gravity of 0.50 or less.
[‡]Hardwood species with an average specific gravity greater than 0.50.

Table 6.—*Biomass of wood and bark of stems in live trees on timberland by county and species group, east Texas, 1992*[*]

County	Fresh weight						Dry weight					
		Softwood			Hardwood			Softwood			Hardwood	
		Pine						Pine				
	All species	Planted	Natural	Other	Soft[†]	Hard[‡]	All species	Planted	Natural	Other	Soft[†]	Hard[‡]
	Million pounds											
Anderson	41,484.0	1,432.0	11,023.0	235.8	10,342.1	18,451.2	21,967.3	715.0	5,490.7	121.3	5,336.4	10,303.8
Angelina	50,455.8	8,475.5	27,314.1	64.9	4,508.4	10,092.7	25,860.3	4,395.2	13,619.5	34.5	2,278.9	5,532.1
Bowie	28,363.7	1,242.4	7,526.5	48.9	7,269.8	12,276.1	15,041.9	654.4	3,747.1	27.0	3,779.5	6,833.9
Camp	4,117.4	0.0	1,493.5	44.5	1,010.7	1,568.7	2,160.5	0.0	741.1	22.5	530.6	866.3
Cass	53,400.4	3,830.2	13,014.1	337.9	13,644.9	22,573.3	27,950.7	1,965.7	6,438.4	171.1	6,898.2	12,477.4
Chambers	1,445.0	0.0	511.6	0.0	332.1	601.4	783.2	0.0	254.5	0.0	183.7	345.1
Cherokee	48,209.1	4,522.4	15,125.2	565.9	11,920.2	16,075.4	24,989.0	2,352.1	7,453.5	287.7	6,058.7	8,836.9
Franklin	5,238.2	0.0	880.3	233.4	1,541.9	2,582.6	2,712.8	0.0	449.5	122.0	771.2	1,370.1
Gregg	8,895.1	1,078.0	1,554.4	8.2	2,801.0	3,453.6	4,736.6	550.3	765.1	4.7	1,490.4	1,926.2
Grimes	12,522.1	421.1	3,144.9	784.1	1,279.8	6,892.2	6,745.0	222.6	1,570.1	391.1	698.8	3,862.3
Hardin	35,958.3	8,331.5	8,852.6	160.5	6,481.0	12,132.7	19,184.6	4,421.0	4,516.8	89.8	3,469.3	6,687.7
Harris	23,503.3	0.0	11,535.1	616.6	3,292.0	8,059.6	12,213.1	0.0	5,730.4	345.0	1,623.7	4,514.1
Harrison	51,448.4	3,705.6	19,375.7	1,281.8	11,970.4	15,114.8	26,517.0	1,916.1	9,626.0	715.7	6,133.8	8,125.4
Henderson	16,171.0	260.3	3,003.1	754.9	2,628.7	9,524.1	8,974.5	139.3	1,485.8	379.4	1,383.8	5,586.2
Houston	49,827.0	2,683.1	23,172.5	804.3	7,944.8	15,222.3	25,514.3	1,404.2	11,419.3	395.3	4,002.8	8,292.7
Jasper	62,753.1	7,494.0	22,661.5	612.2	11,175.4	20,810.1	32,785.8	3,975.6	11,367.4	342.6	5,724.2	11,376.0
Jefferson	7,520.0	0.0	763.6	342.5	2,604.2	3,809.7	4,005.1	0.0	374.3	191.6	1,368.7	2,070.4
Leon	26,435.8	0.0	1,593.9	192.8	5,837.3	18,811.9	14,685.7	0.0	789.4	97.5	3,072.5	10,726.3
Liberty	40,646.5	1,703.6	6,921.0	521.2	11,383.0	20,117.8	21,804.6	869.3	3,423.2	291.6	5,950.0	11,270.5
Madison	6,934.9	0.0	946.3	202.0	1,983.8	3,802.8	3,836.9	0.0	468.7	102.7	1,050.9	2,214.6
Marion	25,495.9	1,133.9	9,432.6	1,305.9	4,307.0	9,316.6	13,210.7	593.8	4,644.4	728.5	2,219.7	5,024.2
Montgomery	66,421.5	3,554.2	35,607.0	21.9	8,908.0	18,330.5	33,678.5	1,803.7	17,615.8	11.9	4,569.0	9,678.1
Morris	10,516.6	0.0	3,723.1	0.0	2,864.8	3,928.8	5,566.4	0.0	1,877.6	0.0	1,440.0	2,248.8
Nacogdoches	52,246.3	4,778.9	21,607.4	39.9	9,761.0	16,059.1	26,950.9	2,476.2	10,684.2	19.6	4,956.8	8,814.1
Newton	57,719.1	12,985.0	17,539.4	282.6	10,152.4	16,759.8	30,276.5	6,865.4	8,771.0	158.1	5,183.7	9,298.3
Orange	14,126.7	719.2	4,551.8	278.6	1,848.3	6,728.8	7,364.3	372.9	2,241.8	155.9	965.1	3,628.7
Panola	45,290.4	5,213.7	16,157.3	1,330.1	7,186.0	15,403.3	23,516.8	2,665.2	7,961.6	741.9	3,645.9	8,502.1
Polk	55,876.1	15,722.3	18,422.0	151.1	7,256.7	14,323.9	29,049.9	8,189.9	9,162.2	83.6	3,787.1	7,827.2
Red River	28,708.4	1,380.6	3,084.0	286.4	4,420.8	19,536.5	15,953.1	702.4	1,530.7	149.6	2,455.6	11,114.7
Rusk	47,513.7	544.8	24,020.2	221.3	7,722.4	15,005.1	24,207.4	294.8	11,877.1	111.1	3,919.0	8,005.5
Sabine	39,008.0	4,010.9	21,567.2	0.0	3,996.2	9,433.8	20,082.5	2,095.7	10,632.2	0.0	2,085.5	5,269.2
San Augustine	33,772.7	7,180.1	12,610.0	0.0	6,133.8	7,848.8	17,577.4	3,724.9	6,258.2	0.0	3,142.8	4,451.5
San Jacinto	35,344.8	2,250.8	17,568.5	625.7	6,983.3	7,916.5	18,183.3	1,172.0	8,696.3	347.9	3,507.3	4,459.8
Shelby	48,841.9	5,576.8	15,939.3	251.5	7,801.3	19,273.0	25,276.9	2,844.2	7,835.3	136.4	3,958.2	10,502.8
Smith	26,382.8	1,987.0	7,610.7	196.4	5,927.9	10,660.8	13,921.0	994.8	3,810.1	99.3	3,109.6	5,907.1
Titus	10,167.7	0.0	1,852.9	219.9	2,080.8	6,014.2	5,383.4	0.0	919.8	113.9	1,069.7	3,280.0
Trinity	37,405.1	6,537.9	17,457.9	0.0	4,281.7	9,127.6	18,853.8	3,366.2	8,596.9	0.0	2,106.4	4,784.2
Tyler	47,603.6	9,010.4	14,238.6	145.4	8,966.6	15,242.5	25,083.3	4,740.7	7,159.9	81.4	4,651.7	8,449.7
Upshur	32,726.4	3,199.1	12,820.3	135.4	8,491.8	8,079.7	16,878.0	1,607.0	6,360.4	72.3	4,364.7	4,473.6
Van Zandt	11,516.8	0.0	637.4	347.1	2,348.0	8,184.3	6,257.8	0.0	313.7	177.3	1,217.9	4,548.9
Walker	40,945.7	3,383.5	23,229.3	35.9	4,421.4	9,875.6	21,028.2	1,716.5	11,546.0	17.7	2,263.6	5,484.4
Waller	10,232.7	0.0	5,490.8	0.0	1,217.5	3,524.4	5,235.6	0.0	2,716.1	0.0	615.7	1,903.8
Wood	23,810.3	416.2	8,435.4	172.6	3,989.8	10,796.3	12,505.0	211.3	4,175.7	87.8	2,044.6	5,985.7
All counties	1,377,002.2	134,764.8	494,015.7	13,860.2	251,018.9	483,342.6	718,509.6	70,018.3	245,118.0	7,427.2	129,085.6	266,860.6

[*]Numbers in columns and rows may not total due to rounding.
[†]Hardwood species with an average specific gravity of 0.50 or less.
[‡]Hardwood species with an average specific gravity greater than 0.50.

Table 7.—*Biomass of wood and bark of crowns in live trees on timberland by county and species group, east Texas, 1992*[*]

County	Fresh weight						Dry weight					
		Softwood			Hardwood			Softwood			Hardwood	
		Pine						Pine				
	All species	Planted	Natural	Other	Soft[†]	Hard[‡]	All species	Planted	Natural	Other	Soft[†]	Hard[‡]
	Million pounds											
Anderson	12,857.2	266.9	2,005.4	30.7	2,757.3	7,797.0	6,821.3	127.7	921.1	12.3	1,393.2	4,367.1
Angelina	12,135.1	1,850.1	5,115.9	8.1	1,241.6	3,919.4	6,055.9	842.9	2,437.2	2.9	601.4	2,171.4
Bowie	8,592.1	280.1	1,459.3	7.3	1,904.1	4,941.4	4,596.4	120.5	690.8	2.6	949.6	2,833.0
Camp	995.8	0.0	241.0	6.2	235.5	513.1	480.4	0.0	111.5	2.7	95.6	270.6
Cass	15,370.7	840.8	2,220.9	71.6	3,488.3	8,749.1	8,012.2	380.7	1,029.7	32.1	1,671.9	4,897.9
Chambers	401.2	0.0	86.0	0.0	97.6	217.7	189.4	0.0	41.6	0.0	47.7	100.1
Cherokee	12,426.5	1,004.8	2,532.5	110.5	3,018.8	5,759.9	6,259.7	448.3	1,177.8	48.0	1,440.9	3,144.6
Franklin	1,527.8	0.0	158.8	46.2	327.5	995.4	764.0	0.0	68.9	19.5	155.5	520.1
Gregg	2,804.1	228.8	272.4	1.0	902.1	1,399.7	1,581.7	102.2	133.0	0.3	483.3	862.8
Grimes	3,814.4	106.2	576.9	130.0	353.2	2,648.2	2,103.3	45.1	271.2	58.6	175.5	1,552.8
Hardin	10,486.4	2,054.9	1,837.1	20.6	1,999.7	4,574.0	5,184.4	941.4	851.1	11.5	874.0	2,506.4
Harris	5,850.5	0.0	2,053.5	73.5	888.3	2,835.1	2,976.8	0.0	988.0	41.1	433.0	1,514.7
Harrison	13,112.0	883.0	3,377.3	168.6	2,953.1	5,730.0	6,494.7	395.6	1,563.4	93.5	1,424.3	3,017.9
Henderson	4,964.3	45.0	551.2	142.9	621.1	3,604.1	2,671.8	16.1	255.1	63.3	295.4	2,041.8
Houston	13,198.6	725.5	4,200.3	123.1	1,981.3	6,168.5	6,615.0	324.1	1,977.3	56.4	959.9	3,297.2
Jasper	17,577.1	1,607.6	4,278.6	74.8	3,275.0	8,341.0	9,064.4	762.8	2,069.5	41.8	1,593.2	4,597.1
Jefferson	2,319.1	0.0	131.0	35.5	728.0	1,424.6	1,198.7	0.0	63.7	19.8	361.7	753.4
Leon	9,154.2	0.0	281.5	37.4	1,640.2	7,195.1	5,007.9	0.0	136.5	16.6	790.0	4,064.7
Liberty	12,264.3	352.7	1,257.6	64.9	3,108.1	7,481.1	6,645.9	163.0	605.4	36.3	1,563.6	4,277.6
Madison	2,191.1	0.0	172.3	46.2	480.2	1,492.4	1,296.1	0.0	83.8	20.9	241.8	949.6
Marion	6,254.8	201.4	1,628.8	160.5	1,182.2	3,082.0	3,134.2	88.2	775.9	89.4	583.1	1,597.6
Montgomery	16,088.9	804.1	6,345.1	2.4	2,291.6	6,645.6	7,945.6	376.9	3,028.3	0.8	1,024.6	3,515.1
Morris	2,948.8	0.0	696.1	0.0	795.6	1,457.1	1,537.5	0.0	315.7	0.0	400.2	821.6
Nacogdoches	13,242.0	1,056.5	3,629.0	6.5	2,512.6	6,037.3	6,599.4	476.2	1,715.9	3.0	1,157.6	3,246.8
Newton	14,770.3	3,020.1	3,135.7	34.5	2,668.1	5,912.0	7,316.5	1,383.8	1,499.1	19.3	1,249.9	3,164.4
Orange	4,312.3	145.3	827.1	46.8	576.3	2,716.9	2,282.7	68.9	400.4	26.2	273.2	1,514.1
Panola	11,964.2	1,195.2	2,812.9	181.0	1,789.8	5,985.4	6,087.8	551.3	1,334.8	100.8	844.3	3,256.6
Polk	15,090.1	4,293.3	3,308.1	26.4	1,861.2	5,601.1	7,418.6	1,927.7	1,568.1	13.9	845.3	3,063.6
Red River	9,651.7	265.9	589.1	36.0	1,291.8	7,468.9	5,442.3	121.2	279.5	13.8	649.9	4,377.9
Rusk	11,452.6	68.3	4,051.5	54.4	1,837.7	5,440.8	5,753.6	21.6	1,897.4	24.3	876.2	2,934.2
Sabine	9,358.1	981.2	3,879.0	0.0	1,050.6	3,447.2	4,639.8	450.8	1,855.3	0.0	463.8	1,869.9
San Augustine	8,959.3	1,983.7	2,298.3	0.0	1,747.7	2,929.6	4,385.7	901.3	1,082.0	0.0	820.3	1,582.1
San Jacinto	8,484.3	577.7	3,130.5	87.4	1,742.7	2,946.0	4,265.4	257.6	1,495.2	48.5	846.0	1,618.2
Shelby	13,549.5	1,227.6	2,807.5	58.8	1,885.2	7,570.3	6,880.5	559.7	1,321.6	29.9	895.6	4,073.7
Smith	7,705.2	413.2	1,264.1	45.3	1,536.8	4,445.8	3,952.4	188.2	583.1	20.3	752.9	2,407.9
Titus	3,407.5	0.0	338.3	32.0	512.8	2,524.4	1,777.8	0.0	150.8	12.7	244.1	1,370.2
Trinity	9,990.2	1,606.4	3,098.0	0.0	1,078.6	4,207.2	4,970.3	725.7	1,484.5	0.0	518.4	2,241.7
Tyler	13,234.3	2,078.3	2,570.8	17.4	2,555.5	6,012.3	6,633.6	946.0	1,219.6	9.7	1,165.9	3,292.3
Upshur	7,712.7	532.2	2,217.0	15.7	2,078.2	2,869.5	3,773.8	252.6	1,012.4	5.5	984.0	1,519.4
Van Zandt	4,138.6	0.0	104.5	72.8	549.0	3,412.2	2,250.1	0.0	48.9	31.6	267.2	1,902.3
Walker	9,859.7	699.2	4,282.4	6.2	1,113.8	3,758.1	4,895.9	321.3	2,017.8	2.9	534.5	2,019.4
Waller	2,588.4	0.0	920.3	0.0	287.7	1,380.4	1,339.3	0.0	435.0	0.0	136.8	767.5
Wood	6,447.9	90.0	1,386.6	29.1	950.6	3,991.6	3,304.3	42.6	623.8	12.4	455.7	2,169.7
All counties	373,254.0	31,485.7	88,130.3	2,112.2	65,897.2	185,628.6	190,607.1	14,332.1	41,621.6	1,045.3	31,541.0	102,067.1

[*]Numbers in columns and rows may not total due to rounding.
[†]Hardwood species with an average specific gravity of 0.50 or less.
[‡]Hardwood species with an average specific gravity greater than 0.50.

Table 8.—*Wood and bark fresh weight of live trees on timberland by county and ownership class, east Texas, 1992*[*]

County	All classes		Ownership class: National forest		Other public		Forest industry		Nonindustrial private	
	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]
	Million pounds									
Anderson	14,993.7	39,347.5	0.0	0.0	0.0	0.0	4,342.8	8,436.6	10,650.9	30,911.0
Angelina	42,828.6	19,762.2	8,483.9	3,075.4	0.0	0.0	21,914.2	6,204.9	12,430.6	10,482.0
Bowie	10,564.4	26,391.3	0.0	0.0	4,205.1	8,044.4	1,924.4	1,420.3	4,434.9	16,926.7
Camp	1,785.2	3,328.1	0.0	0.0	0.0	0.0	0.0	0.0	1,785.2	3,328.1
Cass	20,315.4	48,455.7	0.0	0.0	665.8	2,155.3	3,532.6	8,124.4	16,116.9	38,176.0
Chambers	597.5	1,248.8	0.0	0.0	0.0	336.7	0.0	0.0	597.5	912.0
Cherokee	23,861.3	36,774.3	0.0	0.0	420.3	2,099.8	9,067.1	8,457.3	14,373.9	26,217.3
Franklin	1,318.7	5,447.3	0.0	0.0	0.0	0.0	0.0	0.0	1,318.7	5,447.3
Gregg	3,142.8	8,556.4	0.0	0.0	0.0	0.0	0.0	0.0	3,142.8	8,556.4
Grimes	5,163.2	11,173.3	0.0	0.0	0.0	0.0	416.6	500.5	4,746.6	10,672.9
Hardin	21,257.2	25,187.4	0.0	0.0	0.0	0.0	15,220.5	13,125.6	6,036.8	12,061.9
Harris	14,278.8	15,075.1	0.0	0.0	1,963.8	1,871.9	445.2	564.3	11,869.8	12,638.8
Harrison	28,792.0	35,768.4	0.0	0.0	0.0	0.0	1,671.1	2,691.2	27,120.9	33,077.2
Henderson	4,757.5	16,377.9	0.0	0.0	0.0	0.0	0.0	0.0	4,757.5	16,377.9
Houston	31,708.7	31,316.9	11,741.2	8,670.2	0.0	0.0	1,866.4	1,845.0	18,101.1	20,801.6
Jasper	36,728.7	43,601.5	4,952.0	373.1	1,024.5	1,180.0	21,965.7	33,069.4	8,786.5	8,979.0
Jefferson	1,272.6	8,566.6	0.0	0.0	0.0	0.0	16.7	0.0	1,255.8	8,566.6
Leon	2,105.6	33,484.4	0.0	0.0	0.0	939.8	0.0	0.0	2,105.6	32,544.6
Liberty	10,820.9	42,089.9	0.0	0.0	0.0	640.3	4,286.4	11,833.5	6,534.5	29,616.1
Madison	1,366.8	7,759.2	0.0	0.0	0.0	0.0	0.0	0.0	1,366.8	7,759.2
Marion	13,863.0	17,887.7	0.0	0.0	0.0	0.0	2,511.8	3,464.8	11,351.2	14,423.0
Montgomery	46,334.7	36,175.7	9,348.3	1,824.4	1,385.1	476.3	8.2	73.0	35,593.2	33,802.0
Morris	4,419.1	9,046.3	0.0	0.0	91.0	1,184.6	0.0	0.0	4,328.1	7,861.7
Nacogdoches	31,118.3	34,370.0	770.2	1,055.9	0.0	478.0	10,961.5	9,118.1	19,386.6	23,718.0
Newton	36,997.2	35,492.2	306.3	312.3	0.0	3.2	23,982.1	23,285.6	12,708.8	11,891.1
Orange	6,568.8	11,870.3	0.0	0.0	0.0	0.0	2,043.9	3,260.3	4,524.8	8,610.0
Panola	26,890.1	30,364.5	0.0	0.0	0.0	0.0	9,128.1	8,395.0	17,762.1	21,969.5
Polk	41,923.2	29,043.0	0.0	0.0	0.0	0.0	27,176.1	15,681.4	14,747.1	13,361.6
Red River	5,642.0	32,718.1	0.0	0.0	0.0	0.0	591.0	1,335.0	5,050.9	31,383.0
Rusk	28,960.4	30,005.9	0.0	0.0	0.0	0.0	2,237.6	821.7	26,722.8	29,184.2
Sabine	30,438.4	17,927.7	17,078.5	8,589.2	0.0	0.0	9,123.9	5,439.3	4,236.0	3,899.1
San Augustine	24,072.0	18,659.9	7,030.6	3,958.1	0.0	0.0	9,633.8	7,127.7	7,407.7	7,574.1
San Jacinto	24,240.6	19,588.5	9,357.4	2,806.3	116.5	182.4	5,729.4	7,433.6	9,037.3	9,166.3
Shelby	25,861.5	36,529.9	9,393.6	3,826.8	0.0	0.0	1,727.4	6,816.8	14,740.5	25,886.2
Smith	11,516.6	22,571.4	0.0	0.0	142.1	646.2	72.8	266.5	11,301.7	21,658.7
Titus	2,443.1	11,132.1	0.0	0.0	0.0	0.0	0.0	0.0	2,443.1	11,132.1
Trinity	28,700.2	18,695.2	14,757.9	2,933.8	0.0	0.0	10,628.3	9,188.3	3,314.0	6,573.0
Tyler	28,061.0	32,776.9	0.0	0.0	0.0	976.5	19,115.1	18,823.7	8,945.9	12,976.6
Upshur	18,919.8	21,519.2	0.0	0.0	0.0	0.0	1,467.8	1,672.9	17,452.0	19,846.3
Van Zandt	1,161.8	14,493.6	0.0	0.0	0.0	0.0	0.0	0.0	1,161.8	14,493.6
Walker	31,636.5	19,168.9	6,908.2	2,415.5	1,685.2	1,333.9	854.6	1,102.5	22,188.6	14,317.0
Waller	6,411.1	6,410.0	0.0	0.0	0.0	0.0	0.0	122.0	6,411.1	6,287.9
Wood	10,530.0	19,728.3	0.0	0.0	0.0	0.0	506.2	106.4	10,023.8	19,621.9
All counties	764,368.8	985,887.4	100,127.8	39,841.1	11,699.4	22,549.2	224,169.3	219,807.7	428,372.4	703,689.5

[*]Numbers in columns and rows may not total due to rounding.
[†]Softwood species.
[‡]Hardwood species.

Table 9.—*Wood and bark fresh weight of stems in live trees on timberland by county and ownership class, east Texas, 1992*[*]

County	All classes		Ownership class							
			National forest		Other public		Forest industry		Nonindustrial private	
	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]
	Million pounds									
Anderson	12,690.8	28,793.2	0.0	0.0	0.0	0.0	3,677.7	6,195.2	9,013.1	22,598.0
Angelina	35,854.6	14,601.2	7,103.8	2,224.8	0.0	0.0	18,366.7	4,546.4	10,384.1	7,830.0
Bowie	8,817.8	19,545.9	0.0	0.0	3,555.7	5,897.6	1,593.7	1,058.9	3,668.4	12,589.4
Camp	1,538.0	2,579.4	0.0	0.0	0.0	0.0	0.0	0.0	1,538.0	2,579.4
Cass	17,182.1	36,218.2	0.0	0.0	571.5	1,527.1	2,896.7	5,916.3	13,713.9	28,774.8
Chambers	511.6	933.5	0.0	0.0	0.0	244.3	0.0	0.0	511.6	689.2
Cherokee	20,213.5	27,995.6	0.0	0.0	360.5	1,540.0	7,575.4	6,368.6	12,277.6	20,087.1
Franklin	1,113.7	4,124.4	0.0	0.0	0.0	0.0	0.0	0.0	1,113.7	4,124.4
Gregg	2,640.5	6,254.6	0.0	0.0	0.0	0.0	0.0	0.0	2,640.5	6,254.6
Grimes	4,350.1	8,172.0	0.0	0.0	0.0	0.0	322.5	396.1	4,027.6	7,775.8
Hardin	17,344.7	18,613.6	0.0	0.0	0.0	0.0	12,333.0	9,648.2	5,011.6	8,965.5
Harris	12,151.7	11,351.6	0.0	0.0	1,643.6	1,365.3	376.4	431.1	10,131.7	9,555.2
Harrison	24,363.2	27,085.3	0.0	0.0	0.0	0.0	1,429.0	2,035.6	22,934.1	25,049.7
Henderson	4,018.3	12,152.7	0.0	0.0	0.0	0.0	0.0	0.0	4,018.3	12,152.7
Houston	26,659.9	23,167.1	9,953.9	6,175.3	0.0	0.0	1,443.7	1,387.1	15,262.3	15,604.7
Jasper	30,767.6	31,985.5	4,097.1	297.9	859.4	846.5	18,403.3	24,050.6	7,407.8	6,790.4
Jefferson	1,106.1	6,413.9	0.0	0.0	0.0	0.0	15.0	0.0	1,091.1	6,413.9
Leon	1,786.7	24,649.1	0.0	0.0	0.0	687.6	0.0	0.0	1,786.7	23,961.5
Liberty	9,145.7	31,500.7	0.0	0.0	0.0	511.3	3,594.0	8,724.8	5,551.8	22,264.6
Madison	1,148.3	5,786.6	0.0	0.0	0.0	0.0	0.0	0.0	1,148.3	5,786.6
Marion	11,872.4	13,623.6	0.0	0.0	0.0	0.0	2,137.2	2,714.9	9,735.2	10,908.7
Montgomery	39,183.0	27,238.5	7,871.5	1,459.0	1,171.1	351.8	7.4	54.0	30,133.1	25,373.7
Morris	3,723.1	6,793.6	0.0	0.0	78.8	958.9	0.0	0.0	3,644.3	5,834.7
Nacogdoches	26,426.2	25,820.1	649.6	709.7	0.0	325.1	9,143.0	6,906.1	16,633.6	17,879.3
Newton	30,806.9	26,912.2	248.4	227.9	0.0	3.0	19,799.9	17,721.6	10,758.6	8,959.7
Orange	5,549.6	8,577.1	0.0	0.0	0.0	0.0	1,735.1	2,383.8	3,814.5	6,193.3
Panola	22,701.1	22,589.3	0.0	0.0	0.0	0.0	7,608.0	6,062.4	15,093.1	16,526.9
Polk	34,295.4	21,580.6	0.0	0.0	0.0	0.0	21,762.3	11,888.9	12,533.1	9,691.7
Red River	4,751.0	23,957.4	0.0	0.0	0.0	0.0	476.4	998.4	4,274.6	22,958.9
Rusk	24,786.2	22,727.5	0.0	0.0	0.0	0.0	1,918.7	667.3	22,867.5	22,060.2
Sabine	25,578.1	13,429.9	14,405.1	6,303.9	0.0	0.0	7,598.8	4,113.1	3,574.1	3,012.9
San Augustine	19,790.1	13,982.6	5,932.9	2,992.6	0.0	0.0	7,731.4	5,315.2	6,125.7	5,674.9
San Jacinto	20,444.9	14,899.8	7,891.9	2,107.6	75.3	149.0	4,827.9	5,613.4	7,649.7	7,029.9
Shelby	21,767.6	27,074.3	7,941.5	2,800.5	0.0	0.0	1,428.3	5,030.8	12,397.7	19,243.0
Smith	9,794.1	16,588.8	0.0	0.0	121.7	512.9	64.1	198.0	9,608.3	15,877.9
Titus	2,072.7	8,095.0	0.0	0.0	0.0	0.0	0.0	0.0	2,072.7	8,095.0
Trinity	23,995.8	13,409.3	12,545.4	2,151.9	0.0	0.0	8,654.5	6,323.8	2,795.9	4,933.5
Tyler	23,394.5	24,209.1	0.0	0.0	0.0	718.2	15,804.7	14,065.8	7,589.8	9,425.1
Upshur	16,154.8	16,571.5	0.0	0.0	0.0	0.0	1,254.7	1,211.7	14,900.2	15,359.8
Van Zandt	984.5	10,532.3	0.0	0.0	0.0	0.0	0.0	0.0	984.5	10,532.3
Walker	26,648.7	14,297.0	5,847.3	1,865.2	1,446.8	1,016.5	651.7	859.8	18,702.9	10,555.5
Waller	5,490.8	4,741.9	0.0	0.0	0.0	0.0	0.0	87.2	5,490.8	4,654.7
Wood	9,024.2	14,786.1	0.0	0.0	0.0	0.0	416.2	84.6	8,608.0	14,701.5
All counties	642,640.7	734,361.5	84,488.5	29,316.2	9,884.4	16,655.1	185,047.4	163,059.7	363,220.4	525,330.5

[*]Numbers in columns and rows may not total due to rounding.
[†]Softwood species.
[‡]Hardwood species.

Table 10.—*Wood and bark fresh weight of crowns in live trees on timberland by county and ownership class, east Texas, 1992*[*]

County	All classes		Ownership class: National forest		Other public		Forest industry		Nonindustrial private	
	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]
	Million pounds									
Anderson	2,302.9	10,554.3	0.0	0.0	0.0	0.0	665.1	2,241.3	1,637.8	8,313.0
Angelina	6,974.0	5,161.1	1,380.1	850.6	0.0	0.0	3,547.5	1,658.5	2,046.4	2,652.0
Bowie	1,746.6	6,845.5	0.0	0.0	649.3	2,146.7	330.8	361.4	766.5	4,337.4
Camp	247.2	748.7	0.0	0.0	0.0	0.0	0.0	0.0	247.2	748.7
Cass	3,133.3	12,237.5	0.0	0.0	94.3	628.2	635.9	2,208.1	2,403.0	9,401.2
Chambers	86.0	315.3	0.0	0.0	0.0	92.4	0.0	0.0	86.0	222.8
Cherokee	3,647.8	8,778.7	0.0	0.0	59.8	559.8	1,491.7	2,088.7	2,096.3	6,130.2
Franklin	204.9	1,322.9	0.0	0.0	0.0	0.0	0.0	0.0	204.9	1,322.9
Gregg	502.3	2,301.8	0.0	0.0	0.0	0.0	0.0	0.0	502.3	2,301.8
Grimes	813.0	3,001.4	0.0	0.0	0.0	0.0	94.1	104.4	719.0	2,897.0
Hardin	3,912.6	6,573.8	0.0	0.0	0.0	0.0	2,887.5	3,477.4	1,025.1	3,096.4
Harris	2,127.1	3,723.4	0.0	0.0	320.2	506.6	68.8	133.2	1,738.0	3,083.6
Harrison	4,428.8	8,683.1	0.0	0.0	0.0	0.0	242.1	655.6	4,186.8	8,027.5
Henderson	739.2	4,225.2	0.0	0.0	0.0	0.0	0.0	0.0	739.2	4,225.2
Houston	5,048.8	8,149.8	1,787.3	2,495.0	0.0	0.0	422.8	458.0	2,838.8	5,196.9
Jasper	5,961.0	11,616.0	854.9	75.1	165.1	333.5	3,562.4	9,018.9	1,378.7	2,188.6
Jefferson	166.4	2,152.7	0.0	0.0	0.0	0.0	1.7	0.0	164.7	2,152.7
Leon	318.9	8,835.3	0.0	0.0	0.0	252.1	0.0	0.0	318.9	8,583.2
Liberty	1,675.2	10,589.2	0.0	0.0	0.0	129.0	692.4	3,108.7	982.7	7,351.5
Madison	218.5	1,972.6	0.0	0.0	0.0	0.0	0.0	0.0	218.5	1,972.6
Marion	1,990.7	4,264.2	0.0	0.0	0.0	0.0	374.6	749.9	1,616.0	3,514.3
Montgomery	7,151.7	8,937.2	1,476.8	365.4	214.0	124.5	0.8	18.9	5,460.1	8,428.4
Morris	696.1	2,252.7	0.0	0.0	12.2	225.7	0.0	0.0	683.9	2,027.0
Nacogdoches	4,692.1	8,549.9	120.6	346.3	0.0	152.9	1,818.5	2,212.0	2,753.0	5,838.7
Newton	6,190.2	8,580.0	57.9	84.4	0.0	0.3	4,182.2	5,564.0	1,950.2	2,931.3
Orange	1,019.1	3,293.2	0.0	0.0	0.0	0.0	308.8	876.6	710.3	2,416.6
Panola	4,189.1	7,775.2	0.0	0.0	0.0	0.0	1,520.1	2,332.6	2,669.0	5,442.6
Polk	7,627.8	7,462.3	0.0	0.0	0.0	0.0	5,413.8	3,792.5	2,214.0	3,669.9
Red River	891.0	8,760.7	0.0	0.0	0.0	0.0	114.6	336.6	776.3	8,424.1
Rusk	4,174.2	7,278.4	0.0	0.0	0.0	0.0	318.9	154.4	3,855.3	7,124.1
Sabine	4,860.3	4,497.8	2,673.3	2,285.3	0.0	0.0	1,525.1	1,326.2	661.8	886.2
San Augustine	4,282.0	4,677.3	1,097.6	965.5	0.0	0.0	1,902.4	1,812.5	1,282.0	1,899.2
San Jacinto	3,795.6	4,688.7	1,465.4	698.7	41.2	33.4	901.4	1,820.2	1,387.6	2,136.4
Shelby	4,093.9	9,455.5	1,452.1	1,026.3	0.0	0.0	299.1	1,786.0	2,342.8	6,643.2
Smith	1,722.6	5,982.6	0.0	0.0	20.4	133.3	8.7	68.5	1,693.5	5,780.9
Titus	370.4	3,037.1	0.0	0.0	0.0	0.0	0.0	0.0	370.4	3,037.1
Trinity	4,704.4	5,285.8	2,212.5	781.9	0.0	0.0	1,973.8	2,864.5	518.1	1,639.5
Tyler	4,666.5	8,567.8	0.0	0.0	0.0	258.3	3,310.4	4,757.9	1,356.1	3,551.6
Upshur	2,764.9	4,947.7	0.0	0.0	0.0	0.0	213.1	461.2	2,551.8	4,486.5
Van Zandt	177.3	3,961.3	0.0	0.0	0.0	0.0	0.0	0.0	177.3	3,961.3
Walker	4,987.9	4,871.9	1,060.9	550.3	238.4	317.4	202.9	242.7	3,485.7	3,761.5
Waller	920.3	1,668.1	0.0	0.0	0.0	0.0	0.0	34.8	920.3	1,633.3
Wood	1,505.7	4,942.2	0.0	0.0	0.0	0.0	90.0	21.8	1,415.8	4,920.4
All counties	121,728.1	251,525.8	15,639.4	10,524.8	1,814.9	5,894.1	39,121.9	56,747.9	65,152.0	178,359.0

[*]Numbers in columns and rows may not total due to rounding.
[†]Softwood species.
[‡]Hardwood species.

Table 11.—*Wood and bark dry weight of live trees on timberland by county and ownership class, east Texas, 1992*[*]

County	All classes		Ownership class							
			National forest		Other public		Forest industry		Nonindustrial private	
	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]
	Million pounds									
Anderson	7,388.0	21,400.5	0.0	0.0	0.0	0.0	2,126.6	4,554.0	5,261.4	16,846.5
Angelina	21,332.2	10,583.9	4,252.5	1,683.0	0.0	0.0	10,920.3	3,201.9	6,159.5	5,699.0
Bowie	5,242.4	14,396.0	0.0	0.0	2,065.8	4,345.4	960.2	754.5	2,216.3	9,296.1
Camp	877.8	1,763.1	0.0	0.0	0.0	0.0	0.0	0.0	877.8	1,763.1
Cass	10,017.6	25,945.4	0.0	0.0	324.1	1,277.4	1,759.8	4,396.9	7,933.7	20,271.1
Chambers	296.1	676.5	0.0	0.0	0.0	197.1	0.0	0.0	296.1	479.4
Cherokee	11,767.4	19,481.2	0.0	0.0	203.6	1,093.3	4,521.8	4,463.7	7,042.1	13,924.3
Franklin	659.9	2,816.9	0.0	0.0	0.0	0.0	0.0	0.0	659.9	2,816.9
Gregg	1,555.6	4,762.7	0.0	0.0	0.0	0.0	0.0	0.0	1,555.6	4,762.7
Grimes	2,558.8	6,289.5	0.0	0.0	0.0	0.0	212.4	215.2	2,346.4	6,074.2
Hardin	10,831.6	13,537.4	0.0	0.0	0.0	0.0	7,826.5	7,064.7	3,005.1	6,472.8
Harris	7,104.5	8,085.4	0.0	0.0	968.4	1,059.0	224.3	257.1	5,911.9	6,769.4
Harrison	14,310.3	18,701.4	0.0	0.0	0.0	0.0	838.0	1,450.0	13,472.3	17,251.4
Henderson	2,339.1	9,307.3	0.0	0.0	0.0	0.0	0.0	0.0	2,339.1	9,307.3
Houston	15,576.7	16,552.6	5,720.9	4,529.1	0.0	0.0	946.4	984.7	8,909.4	11,038.7
Jasper	18,559.7	23,290.5	2,559.6	188.1	497.3	655.7	11,102.6	17,743.3	4,400.1	4,703.4
Jefferson	649.5	4,554.3	0.0	0.0	0.0	0.0	8.8	0.0	640.8	4,554.3
Leon	1,040.1	18,653.5	0.0	0.0	0.0	564.1	0.0	0.0	1,040.1	18,089.4
Liberty	5,388.8	23,061.8	0.0	0.0	0.0	331.9	2,174.6	6,477.4	3,214.2	16,252.5
Madison	676.1	4,456.9	0.0	0.0	0.0	0.0	0.0	0.0	676.1	4,456.9
Marion	6,920.2	9,424.7	0.0	0.0	0.0	0.0	1,240.0	1,833.7	5,680.2	7,591.1
Montgomery	22,837.3	18,786.8	4,567.2	924.5	677.4	239.2	4.3	44.2	17,588.4	17,578.9
Morris	2,193.3	4,910.6	0.0	0.0	45.2	647.3	0.0	0.0	2,148.1	4,263.3
Nacogdoches	15,375.0	18,175.3	374.9	569.9	0.0	265.1	5,478.9	4,833.7	9,521.2	12,506.6
Newton	18,696.6	18,896.4	162.8	132.3	0.0	2.0	12,252.5	12,406.3	6,281.3	6,355.8
Orange	3,266.0	6,381.0	0.0	0.0	0.0	0.0	1,020.2	1,742.1	2,245.9	4,638.9
Panola	13,355.7	16,248.9	0.0	0.0	0.0	0.0	4,641.6	4,571.0	8,714.0	11,677.9
Polk	20,945.4	15,523.1	0.0	0.0	0.0	0.0	13,691.9	8,455.9	7,253.5	7,067.2
Red River	2,797.3	18,598.1	0.0	0.0	0.0	0.0	299.7	777.5	2,497.6	17,820.6
Rusk	14,226.2	15,734.8	0.0	0.0	0.0	0.0	1,100.4	415.1	13,125.8	15,319.6
Sabine	15,034.0	9,688.3	8,410.7	4,624.6	0.0	0.0	4,530.3	2,951.0	2,093.0	2,112.8
San Augustine	11,966.4	9,996.7	3,463.2	2,131.8	0.0	0.0	4,823.3	3,808.7	3,679.9	4,056.2
San Jacinto	12,017.4	10,431.3	4,601.4	1,484.7	60.0	92.6	2,878.4	3,971.5	4,477.6	4,882.4
Shelby	12,727.1	19,430.4	4,585.3	1,989.0	0.0	0.0	874.5	3,770.2	7,267.3	13,671.1
Smith	5,695.9	12,177.5	0.0	0.0	69.8	307.9	36.6	136.2	5,589.5	11,733.4
Titus	1,197.2	5,964.0	0.0	0.0	0.0	0.0	0.0	0.0	1,197.2	5,964.0
Trinity	14,173.3	9,650.7	7,204.5	1,537.5	0.0	0.0	5,329.8	4,646.1	1,639.1	3,467.1
Tyler	14,157.3	17,559.7	0.0	0.0	0.0	536.2	9,703.8	10,013.7	4,453.4	7,009.8
Upshur	9,310.2	11,341.6	0.0	0.0	0.0	0.0	716.0	915.6	8,594.1	10,425.9
Van Zandt	571.6	7,936.3	0.0	0.0	0.0	0.0	0.0	0.0	571.6	7,936.3
Walker	15,622.2	10,301.9	3,404.2	1,297.8	826.0	720.9	432.5	572.7	10,959.4	7,710.6
Waller	3,151.1	3,423.9	0.0	0.0	0.0	0.0	0.0	72.0	3,151.1	3,351.9
Wood	5,153.6	10,655.6	0.0	0.0	0.0	0.0	253.9	66.5	4,899.7	10,589.2
All counties	379,562.4	529,554.3	49,307.2	21,092.3	5,737.6	12,335.0	112,930.9	117,567.1	211,586.7	378,559.9

[*]Numbers in columns and rows may not total due to rounding.
[†]Softwood species.
[‡]Hardwood species.

Table 12.—*Wood and bark dry weight of stems in live trees on timberland by county and ownership class, east Texas, 1992*[*]

County	All classes		Ownership class: National forest		Other public		Forest industry		Nonindustrial private	
	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]
	Million pounds									
Anderson	6,327.1	15,640.2	0.0	0.0	0.0	0.0	1,814.7	3,312.4	4,512.3	12,327.9
Angelina	18,049.2	7,811.1	3,583.9	1,222.8	0.0	0.0	9,272.2	2,354.6	5,193.1	4,233.7
Bowie	4,428.5	10,613.4	0.0	0.0	1,758.2	3,167.1	806.2	568.0	1,864.1	6,878.4
Camp	763.6	1,396.9	0.0	0.0	0.0	0.0	0.0	0.0	763.6	1,396.9
Cass	8,575.2	19,375.6	0.0	0.0	279.7	880.1	1,465.6	3,198.5	6,829.9	15,296.9
Chambers	254.5	528.7	0.0	0.0	0.0	149.9	0.0	0.0	254.5	378.9
Cherokee	10,093.3	14,895.7	0.0	0.0	176.0	808.0	3,839.3	3,378.7	6,078.1	10,709.0
Franklin	571.5	2,141.3	0.0	0.0	0.0	0.0	0.0	0.0	571.5	2,141.3
Gregg	1,320.1	3,416.6	0.0	0.0	0.0	0.0	0.0	0.0	1,320.1	3,416.6
Grimes	2,183.8	4,561.2	0.0	0.0	0.0	0.0	173.1	170.6	2,010.7	4,390.6
Hardin	9,027.6	10,157.0	0.0	0.0	0.0	0.0	6,502.7	5,321.4	2,524.9	4,835.6
Harris	6,075.4	6,137.7	0.0	0.0	812.5	773.7	194.1	199.7	5,068.8	5,164.3
Harrison	12,257.8	14,259.2	0.0	0.0	0.0	0.0	726.7	1,092.0	11,531.1	13,167.3
Henderson	2,004.5	6,970.0	0.0	0.0	0.0	0.0	0.0	0.0	2,004.5	6,970.0
Houston	13,218.8	12,295.5	4,892.9	3,244.3	0.0	0.0	757.8	774.9	7,568.1	8,276.3
Jasper	15,685.6	17,100.2	2,135.0	151.0	415.8	463.9	9,399.0	12,912.8	3,735.8	3,572.6
Jefferson	565.9	3,439.1	0.0	0.0	0.0	0.0	8.2	0.0	557.7	3,439.1
Leon	886.9	13,798.8	0.0	0.0	0.0	417.1	0.0	0.0	886.9	13,381.7
Liberty	4,584.1	17,220.5	0.0	0.0	0.0	267.9	1,847.7	4,763.3	2,736.5	12,189.3
Madison	571.4	3,265.5	0.0	0.0	0.0	0.0	0.0	0.0	571.4	3,265.5
Marion	5,966.7	7,244.0	0.0	0.0	0.0	0.0	1,067.5	1,448.1	4,899.2	5,795.9
Montgomery	19,431.4	14,247.2	3,864.3	760.5	577.6	182.0	4.0	32.9	14,985.4	13,271.7
Morris	1,877.6	3,688.8	0.0	0.0	39.2	516.8	0.0	0.0	1,838.3	3,172.0
Nacogdoches	13,180.0	13,770.9	316.4	371.8	0.0	178.0	4,638.8	3,686.6	8,224.7	9,534.6
Newton	15,794.4	14,482.1	133.7	95.9	0.0	1.8	10,310.0	9,561.4	5,350.8	4,823.0
Orange	2,770.5	4,593.8	0.0	0.0	0.0	0.0	867.9	1,284.1	1,902.6	3,309.7
Panola	11,368.8	12,148.1	0.0	0.0	0.0	0.0	3,917.6	3,313.2	7,451.2	8,834.8
Polk	17,435.7	11,614.2	0.0	0.0	0.0	0.0	11,235.4	6,503.7	6,200.3	5,110.5
Red River	2,382.8	13,570.3	0.0	0.0	0.0	0.0	251.5	602.1	2,131.3	12,968.2
Rusk	12,283.0	11,924.4	0.0	0.0	0.0	0.0	947.7	346.6	11,335.3	11,577.8
Sabine	12,727.9	7,354.6	7,127.6	3,411.1	0.0	0.0	3,817.7	2,276.5	1,782.5	1,667.1
San Augustine	9,983.1	7,594.3	2,948.8	1,645.3	0.0	0.0	3,955.3	2,877.7	3,079.0	3,071.3
San Jacinto	10,216.2	7,967.1	3,909.7	1,120.8	41.2	79.7	2,444.9	3,001.1	3,820.3	3,765.5
Shelby	10,815.9	14,461.0	3,899.6	1,459.5	0.0	0.0	738.2	2,775.2	6,178.1	10,226.3
Smith	4,904.3	9,016.7	0.0	0.0	60.3	250.5	33.4	105.6	4,810.6	8,660.6
Titus	1,033.7	4,349.7	0.0	0.0	0.0	0.0	0.0	0.0	1,033.7	4,349.7
Trinity	11,963.1	6,890.6	6,134.9	1,126.3	0.0	0.0	4,427.3	3,189.8	1,400.9	2,574.6
Tyler	11,981.9	13,101.4	0.0	0.0	0.0	402.2	8,180.3	7,541.8	3,801.6	5,157.4
Upshur	8,039.7	8,838.3	0.0	0.0	0.0	0.0	617.3	661.2	7,422.4	8,177.0
Van Zandt	491.0	5,766.8	0.0	0.0	0.0	0.0	0.0	0.0	491.0	5,766.8
Walker	13,280.2	7,748.0	2,910.4	1,012.0	712.2	570.4	339.9	464.1	9,317.8	5,701.4
Waller	2,716.1	2,519.6	0.0	0.0	0.0	0.0	0.0	51.2	2,716.1	2,468.3
Wood	4,474.8	8,030.2	0.0	0.0	0.0	0.0	211.3	61.2	4,263.4	7,969.1
All counties	322,563.5	395,946.2	41,857.1	15,621.4	4,872.6	9,109.0	94,813.4	87,830.9	181,020.3	283,384.9

[*]Numbers in columns and rows may not total due to rounding.
[†]Softwood species.
[‡]Hardwood species.

Table 13.—*Wood and bark dry weight of crowns in live trees on timberland by county and ownership class, east Texas, 1992*[*]

County	All classes		Ownership class							
			National forest		Other public		Forest industry		Nonindustrial private	
	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]
	Million pounds									
Anderson	1,061.0	5,760.3	0.0	0.0	0.0	0.0	311.9	1,241.7	749.1	4,518.6
Angelina	3,283.0	2,772.9	668.6	460.2	0.0	0.0	1,648.1	847.3	966.3	1,465.3
Bowie	813.8	3,782.6	0.0	0.0	307.6	1,178.4	154.1	186.5	352.2	2,417.7
Camp	114.2	366.2	0.0	0.0	0.0	0.0	0.0	0.0	114.2	366.2
Cass	1,442.4	6,569.8	0.0	0.0	44.5	397.2	294.2	1,198.4	1,103.8	4,974.2
Chambers	41.6	147.8	0.0	0.0	0.0	47.3	0.0	0.0	41.6	100.5
Cherokee	1,674.1	4,585.5	0.0	0.0	27.6	285.3	682.5	1,084.9	964.0	3,215.3
Franklin	88.4	675.6	0.0	0.0	0.0	0.0	0.0	0.0	88.4	675.6
Gregg	235.6	1,346.2	0.0	0.0	0.0	0.0	0.0	0.0	235.6	1,346.2
Grimes	375.0	1,728.3	0.0	0.0	0.0	0.0	39.3	44.6	335.7	1,683.6
Hardin	1,804.0	3,380.4	0.0	0.0	0.0	0.0	1,323.8	1,743.2	480.2	1,637.2
Harris	1,029.1	1,947.7	0.0	0.0	155.9	285.3	30.2	57.3	843.1	1,605.1
Harrison	2,052.5	4,442.2	0.0	0.0	0.0	0.0	111.3	358.0	1,941.2	4,084.1
Henderson	334.6	2,337.2	0.0	0.0	0.0	0.0	0.0	0.0	334.6	2,337.2
Houston	2,357.9	4,257.1	828.0	1,284.9	0.0	0.0	188.6	209.8	1,341.2	2,762.4
Jasper	2,874.1	6,190.3	424.7	37.1	81.6	191.9	1,703.6	4,830.5	664.3	1,130.8
Jefferson	83.6	1,115.1	0.0	0.0	0.0	0.0	0.5	0.0	83.1	1,115.1
Leon	153.1	4,854.7	0.0	0.0	0.0	147.0	0.0	0.0	153.1	4,707.7
Liberty	804.7	5,841.2	0.0	0.0	0.0	63.9	327.0	1,714.1	477.7	4,063.2
Madison	104.7	1,191.4	0.0	0.0	0.0	0.0	0.0	0.0	104.7	1,191.4
Marion	953.4	2,180.8	0.0	0.0	0.0	0.0	172.4	385.5	781.0	1,795.2
Montgomery	3,405.9	4,539.7	702.9	164.0	99.8	57.2	0.3	11.3	2,603.0	4,307.2
Morris	315.7	1,221.8	0.0	0.0	5.9	130.5	0.0	0.0	309.7	1,091.3
Nacogdoches	2,195.0	4,404.4	58.5	198.1	0.0	87.1	840.1	1,147.1	1,296.5	2,972.0
Newton	2,902.1	4,414.3	29.1	36.3	0.0	0.2	1,942.5	2,845.0	930.5	1,532.9
Orange	495.5	1,787.2	0.0	0.0	0.0	0.0	152.2	458.0	343.3	1,329.2
Panola	1,986.9	4,100.9	0.0	0.0	0.0	0.0	724.0	1,257.8	1,262.9	2,843.0
Polk	3,509.7	3,908.9	0.0	0.0	0.0	0.0	2,456.5	1,952.2	1,053.1	1,956.7
Red River	414.5	5,027.8	0.0	0.0	0.0	0.0	48.1	175.4	366.4	4,852.4
Rusk	1,943.3	3,810.3	0.0	0.0	0.0	0.0	152.8	68.5	1,790.5	3,741.8
Sabine	2,306.1	2,333.7	1,283.0	1,213.5	0.0	0.0	712.6	674.5	310.5	445.7
San Augustine	1,983.3	2,402.4	514.4	486.5	0.0	0.0	868.0	931.0	600.9	984.9
San Jacinto	1,801.2	2,464.2	691.7	363.9	18.8	12.9	433.5	970.4	657.3	1,116.9
Shelby	1,911.2	4,969.3	685.8	529.5	0.0	0.0	136.2	995.0	1,089.2	3,444.8
Smith	791.6	3,160.7	0.0	0.0	9.5	57.3	3.2	30.6	778.9	3,072.8
Titus	163.5	1,614.3	0.0	0.0	0.0	0.0	0.0	0.0	163.5	1,614.3
Trinity	2,210.2	2,760.1	1,069.5	411.2	0.0	0.0	902.5	1,456.3	238.2	892.6
Tyler	2,175.3	4,458.3	0.0	0.0	0.0	134.0	1,523.5	2,471.9	651.8	1,852.4
Upshur	1,270.5	2,503.3	0.0	0.0	0.0	0.0	98.7	254.4	1,171.7	2,248.9
Van Zandt	80.6	2,169.5	0.0	0.0	0.0	0.0	0.0	0.0	80.6	2,169.5
Walker	2,342.0	2,553.9	493.8	285.7	113.8	150.5	92.7	108.6	1,641.6	2,009.2
Waller	435.0	904.3	0.0	0.0	0.0	0.0	0.0	20.7	435.0	883.6
Wood	678.8	2,625.4	0.0	0.0	0.0	0.0	42.6	5.3	636.2	2,620.1
All counties	56,998.9	133,608.1	7,450.0	5,471.0	865.0	3,226.0	18,117.5	29,736.2	30,566.4	95,175.0

[*]Numbers in columns and rows may not total due to rounding.
[†]Softwood species.
[‡]Hardwood species.

Table 14.—*Wood and bark fresh weight of live trees on timberland by county and forest type group, east Texas, 1992*[*]

County	All types		Forest type group: Longleaf-slash pine		Loblolly-shortleaf pine		Oak-pine		Oak-hickory		Bottomland hardwoods[†]	
	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]
	Million pounds											
Anderson	14,993.7	39,347.5	0.0	0.0	10,589.7	3,377.4	3,466.0	5,149.9	693.7	14,171.7	244.3	16,648.5
Angelina	42,828.6	19,762.2	2,993.3	974.9	33,125.2	6,963.3	5,772.6	6,862.6	0.0	1,236.2	937.6	3,725.3
Bowie	10,564.4	26,391.3	0.0	0.0	8,245.7	2,208.5	1,621.4	2,764.0	697.3	12,590.9	0.0	8,827.8
Camp	1,785.2	3,328.1	0.0	0.0	0.0	0.0	1,283.6	1,379.7	501.6	1,948.4	0.0	0.0
Cass	20,315.4	48,455.7	0.0	0.0	12,103.8	2,972.0	5,414.4	10,095.3	2,700.7	18,517.6	96.5	16,870.8
Chambers	597.5	1,248.8	0.0	0.0	0.0	0.0	597.5	912.0	0.0	0.0	0.0	336.7
Cherokee	23,861.3	36,774.3	384.6	130.7	14,492.6	5,046.0	6,463.1	8,386.8	2,013.5	16,171.3	507.7	7,039.4
Franklin	1,318.7	5,447.3	0.0	0.0	1,151.6	380.3	167.1	939.3	0.0	630.7	0.0	3,497.0
Gregg	3,142.8	8,556.4	0.0	0.0	2,094.1	1,058.6	550.6	703.8	58.2	664.4	439.9	6,129.6
Grimes	5,163.2	11,173.3	0.0	0.0	4,029.8	1,015.6	876.8	922.4	256.6	4,583.0	0.0	4,652.4
Hardin	21,257.2	25,187.4	3,829.9	385.8	11,847.9	3,078.3	4,651.3	6,978.1	481.6	5,233.4	446.5	9,511.9
Harris	14,278.8	15,075.1	0.0	0.0	10,127.2	1,552.2	2,620.3	2,797.2	686.9	7,931.8	844.4	2,793.9
Harrison	28,792.0	35,768.4	0.0	0.0	19,995.7	5,484.5	6,378.7	9,671.8	781.8	9,962.0	1,635.8	10,650.1
Henderson	4,757.5	16,377.9	0.0	0.0	2,133.2	516.8	2,200.0	2,233.7	174.4	11,605.9	249.9	2,021.5
Houston	31,708.7	31,316.9	405.1	87.6	22,836.6	7,602.7	7,438.8	7,780.7	568.4	5,968.3	459.9	9,877.6
Jasper	36,728.7	43,601.5	7,123.3	724.8	17,426.3	5,386.8	9,544.9	12,781.8	657.4	5,870.6	1,976.8	18,837.5
Jefferson	1,272.6	8,566.6	0.0	0.0	16.7	0.0	619.5	1,377.8	258.3	1,727.6	378.0	5,461.2
Leon	2,105.6	33,484.4	0.0	0.0	1,551.4	163.0	50.5	329.3	341.4	21,897.9	162.3	11,094.3
Liberty	10,820.9	42,089.9	0.0	0.0	3,260.0	816.3	5,645.2	9,444.4	1,053.9	9,229.5	861.8	22,599.7
Madison	1,366.8	7,759.2	0.0	0.0	1,118.5	151.0	206.9	736.8	41.3	3,180.9	0.0	3,690.5
Marion	13,863.0	17,887.7	0.0	0.0	6,412.8	2,517.2	5,058.5	6,353.2	641.6	5,170.1	1,750.2	3,847.2
Montgomery	46,334.7	36,175.7	0.0	0.0	32,169.4	8,930.6	12,161.0	14,380.3	1,744.4	8,422.3	260.0	4,442.4
Morris	4,419.1	9,046.3	0.0	0.0	2,364.6	410.4	1,876.2	3,616.0	87.3	618.7	91.0	4,401.2
Nacogdoches	31,118.3	34,370.0	393.9	36.2	23,821.5	6,282.3	4,861.7	6,954.8	1,740.0	12,865.2	301.3	8,231.4
Newton	36,997.2	35,492.2	7,469.4	1,064.8	22,313.2	6,841.9	4,487.4	6,727.9	2,314.8	12,113.7	412.3	8,744.0
Orange	6,568.8	11,870.3	0.0	0.0	1,467.4	604.0	3,050.6	3,493.0	452.5	2,808.7	1,598.3	4,964.6
Panola	26,890.1	30,364.5	0.0	0.0	17,074.0	5,374.9	6,626.1	9,212.6	1,379.8	6,362.1	1,810.2	9,414.8
Polk	41,923.2	29,043.0	0.0	0.0	35,908.6	7,555.5	4,893.8	6,732.9	561.7	4,248.1	559.0	10,506.4
Red River	5,642.0	32,718.1	0.0	0.0	3,080.2	1,081.3	1,807.5	3,095.8	547.6	13,531.4	206.7	15,009.6
Rusk	28,960.4	30,005.9	0.0	0.0	21,854.1	6,619.9	4,105.8	5,132.7	1,262.9	7,753.2	1,737.6	10,500.1
Sabine	30,438.4	17,927.7	1,329.9	354.0	24,188.0	6,643.7	3,547.9	4,040.1	1,372.5	6,889.9	0.0	0.0
San Augustine	24,072.0	18,659.9	0.0	0.0	20,968.7	5,516.2	2,542.8	1,786.7	333.7	2,082.2	226.8	9,274.9
San Jacinto	24,240.6	19,588.5	0.0	0.0	18,283.7	5,228.1	4,655.3	6,157.0	624.4	4,639.2	677.2	3,564.2
Shelby	25,861.5	36,529.9	0.0	0.0	18,420.6	5,556.5	4,814.1	5,726.2	2,141.0	18,901.1	485.8	6,346.0
Smith	11,516.6	22,571.4	589.3	0.0	7,998.0	3,021.4	2,028.3	4,757.4	901.1	9,572.9	0.0	5,219.6
Titus	2,443.1	11,132.1	0.0	0.0	2,146.5	1,025.6	0.0	0.0	172.2	5,137.3	124.4	4,969.2
Trinity	28,700.2	18,695.2	0.0	0.0	23,419.5	4,129.3	4,410.0	3,279.6	222.9	1,650.1	647.8	9,636.2
Tyler	28,061.0	32,776.9	3,636.9	420.0	15,988.8	4,623.8	5,958.3	8,287.7	1,880.7	7,638.5	596.3	11,806.8
Upshur	18,919.8	21,519.2	334.6	326.4	12,924.8	4,457.3	5,400.7	8,704.7	259.7	3,476.1	0.0	4,554.7
Van Zandt	1,161.8	14,493.6	0.0	0.0	0.0	0.0	843.9	1,450.3	317.9	11,915.1	0.0	1,128.2
Walker	31,636.5	19,168.9	0.0	0.0	28,214.3	6,812.1	2,995.1	3,929.3	395.8	3,433.4	31.4	4,994.1
Waller	6,411.1	6,410.0	0.0	0.0	4,237.2	1,932.2	2,125.1	1,538.0	0.0	1,372.3	48.8	1,567.4
Wood	10,530.0	19,728.3	0.0	0.0	7,772.8	2,477.4	2,152.6	3,753.8	604.6	9,851.0	0.0	3,646.1
All counties	764,368.8	985,887.4	28,490.1	4,505.2	527,174.6	145,414.9	155,971.7	211,357.6	31,925.8	313,574.7	20,806.6	311,035.0

[*]Numbers in columns and rows may not total due to rounding.
[†]Includes oak-gum-cypress and elm-ash-cottonwood types.
[‡]Softwood species.
[§]Hardwood species.

Table 15.—*Wood and bark fresh weight of stems in live trees on timberland by county and forest type group, east Texas, 1992*[*]

County	All types		Forest type group: Longleaf-slash pine		Loblolly-shortleaf pine		Oak-pine		Oak-hickory		Bottomland hardwoods[†]	
	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]
	Million pounds											
Anderson	12,690.8	28,793.2	0.0	0.0	8,998.5	2,584.5	2,887.9	3,802.5	596.8	9,954.0	207.6	12,452.2
Angelina	35,854.6	14,601.2	2,503.2	658.7	27,744.6	5,357.4	4,817.1	4,966.7	0.0	993.5	789.6	2,624.8
Bowie	8,817.8	19,545.9	0.0	0.0	6,884.4	1,686.5	1,346.6	2,006.9	586.8	9,127.6	0.0	6,724.9
Camp	1,538.0	2,579.4	0.0	0.0	0.0	0.0	1,105.0	1,060.6	433.0	1,518.8	0.0	0.0
Cass	17,182.1	36,218.2	0.0	0.0	10,153.8	2,426.5	4,644.9	7,546.3	2,299.8	13,836.1	83.6	12,409.3
Chambers	511.6	933.5	0.0	0.0	0.0	0.0	511.6	689.2	0.0	0.0	0.0	244.3
Cherokee	20,213.5	27,995.6	315.2	115.7	12,269.2	3,927.1	5,494.9	6,424.6	1,704.5	12,246.5	429.7	5,281.6
Franklin	1,113.7	4,124.4	0.0	0.0	964.4	313.2	149.3	734.4	0.0	467.4	0.0	2,609.5
Gregg	2,640.5	6,254.6	0.0	0.0	1,779.7	734.0	436.4	553.1	50.6	523.6	373.8	4,443.8
Grimes	4,350.1	8,172.0	0.0	0.0	3,426.3	751.2	731.5	668.2	192.3	3,441.6	0.0	3,310.9
Hardin	17,344.7	18,613.6	3,197.4	272.8	9,523.4	2,394.8	3,831.9	5,103.8	409.4	3,960.9	382.5	6,881.5
Harris	12,151.7	11,351.6	0.0	0.0	8,628.8	1,177.1	2,192.1	2,079.0	583.9	5,966.8	746.9	2,128.7
Harrison	24,363.2	27,085.3	0.0	0.0	16,879.3	4,323.6	5,381.9	7,284.9	662.3	7,486.6	1,439.6	7,990.2
Henderson	4,018.3	12,152.7	0.0	0.0	1,798.9	409.2	1,866.6	1,733.5	144.7	8,551.5	208.1	1,458.5
Houston	26,659.9	23,167.1	314.3	71.2	19,239.6	5,614.1	6,267.1	5,876.4	467.0	4,414.2	372.0	7,191.2
Jasper	30,767.6	31,985.5	5,892.4	502.3	14,649.4	4,257.3	7,984.8	9,420.5	563.1	4,355.2	1,677.9	13,450.1
Jefferson	1,106.1	6,413.9	0.0	0.0	15.0	0.0	528.2	991.3	220.3	1,266.6	342.5	4,155.9
Leon	1,786.7	24,649.1	0.0	0.0	1,317.1	111.9	44.2	211.1	289.0	16,079.2	136.4	8,246.9
Liberty	9,145.7	31,500.7	0.0	0.0	2,749.0	619.1	4,763.4	7,148.9	885.7	6,975.9	747.7	16,756.9
Madison	1,148.3	5,786.6	0.0	0.0	946.3	113.4	169.9	541.8	32.1	2,419.1	0.0	2,712.3
Marion	11,872.4	13,623.6	0.0	0.0	5,480.0	1,940.0	4,291.6	4,838.6	553.3	4,033.3	1,547.5	2,811.7
Montgomery	39,183.0	27,238.5	0.0	0.0	27,165.1	6,766.0	10,299.8	10,735.9	1,496.3	6,366.4	221.7	3,370.1
Morris	3,723.1	6,793.6	0.0	0.0	2,012.4	308.1	1,563.1	2,620.7	68.8	404.8	78.8	3,460.0
Nacogdoches	26,426.2	25,820.1	352.2	27.7	20,184.5	4,978.2	4,137.6	5,363.6	1,496.8	9,293.9	255.2	6,156.8
Newton	30,806.9	26,912.2	6,163.5	824.6	18,499.7	5,265.3	3,807.1	5,209.3	1,974.9	9,037.1	361.8	6,576.0
Orange	5,549.6	8,577.1	0.0	0.0	1,234.5	435.4	2,583.9	2,628.1	373.2	2,036.0	1,358.1	3,477.6
Panola	22,701.1	22,589.3	0.0	0.0	14,357.1	4,160.9	5,592.5	6,897.0	1,172.4	4,669.3	1,579.0	6,862.2
Polk	34,295.4	21,580.6	0.0	0.0	29,286.8	5,875.5	4,090.0	4,867.5	472.6	3,180.4	446.1	7,657.2
Red River	4,751.0	23,957.4	0.0	0.0	2,607.4	823.2	1,510.0	2,189.9	470.2	10,018.0	163.4	10,926.3
Rusk	24,786.2	22,727.5	0.0	0.0	18,709.1	5,044.9	3,517.7	3,857.0	1,058.4	5,907.9	1,501.0	7,917.6
Sabine	25,578.1	13,429.9	1,099.1	283.2	20,319.1	5,072.6	2,994.6	2,928.8	1,165.3	5,145.3	0.0	0.0
San Augustine	19,790.1	13,982.6	0.0	0.0	17,133.5	4,206.4	2,187.6	1,314.7	282.0	1,619.1	186.9	6,842.4
San Jacinto	20,444.9	14,899.8	0.0	0.0	15,376.2	3,875.3	3,942.1	4,762.8	532.7	3,500.6	593.9	2,761.2
Shelby	21,767.6	27,074.3	0.0	0.0	15,508.0	4,251.4	4,059.3	4,339.5	1,793.4	13,885.3	406.8	4,598.2
Smith	9,794.1	16,588.8	505.2	0.0	6,804.8	2,139.1	1,735.3	3,498.5	748.7	7,046.5	0.0	3,904.6
Titus	2,072.7	8,095.0	0.0	0.0	1,815.9	782.4	0.0	0.0	148.4	3,744.7	108.4	3,567.8
Trinity	23,995.8	13,409.3	0.0	0.0	19,552.3	3,127.6	3,698.9	2,390.2	182.8	1,251.8	561.8	6,639.7
Tyler	23,394.5	24,209.1	3,031.9	322.7	13,246.0	3,477.7	5,019.1	6,299.9	1,584.2	5,618.6	513.3	8,490.2
Upshur	16,154.8	16,571.5	287.3	252.0	11,021.5	3,356.1	4,618.9	6,717.6	227.2	2,616.2	0.0	3,629.6
Van Zandt	984.5	10,532.3	0.0	0.0	0.0	0.0	725.0	1,073.0	259.5	8,618.6	0.0	840.7
Walker	26,648.7	14,297.0	0.0	0.0	23,769.1	5,108.4	2,524.0	2,874.2	328.7	2,556.8	26.9	3,757.7
Waller	5,490.8	4,741.9	0.0	0.0	3,625.0	1,516.6	1,824.1	1,130.2	0.0	978.6	41.7	1,116.4
Wood	9,024.2	14,786.1	0.0	0.0	6,638.2	1,935.1	1,872.1	2,886.7	513.8	7,229.7	0.0	2,734.5
All counties	642,640.7	734,361.5	23,661.8	3,330.9	442,314.4	111,246.9	131,749.6	158,267.4	27,024.5	232,343.8	17,890.3	229,172.4

[*]Numbers in columns and rows may not total due to rounding.
[†]Includes oak-gum-cypress and elm-ash-cottonwood types.
[‡]Softwood species.
[§]Hardwood species.

Table 16.—*Wood and bark fresh weight of crowns in live trees on timberland by county and forest type group, east Texas, 1992*[*]

County	All types		Forest type group: Longleaf-slash pine		Loblolly-shortleaf pine		Oak-pine		Oak-hickory		Bottomland hardwoods[†]	
	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]
	Million pounds											
Anderson	2,302.9	10,554.3	0.0	0.0	1,591.2	792.9	578.1	1,347.4	96.9	4,217.8	36.7	4,196.2
Angelina	6,974.0	5,161.1	490.1	316.2	5,380.5	1,605.9	955.4	1,895.9	0.0	242.7	148.0	1,100.5
Bowie	1,746.6	6,845.5	0.0	0.0	1,361.3	522.0	274.8	757.2	110.5	3,463.3	0.0	2,102.9
Camp	247.2	748.7	0.0	0.0	0.0	0.0	178.6	319.1	68.6	429.5	0.0	0.0
Cass	3,133.3	12,237.5	0.0	0.0	1,950.0	545.5	769.5	2,549.0	400.9	4,681.5	12.9	4,461.5
Chambers	86.0	315.3	0.0	0.0	0.0	0.0	86.0	222.8	0.0	0.0	0.0	92.4
Cherokee	3,647.8	8,778.7	69.4	15.0	2,223.3	1,118.9	968.2	1,962.2	309.0	3,924.9	77.9	1,757.8
Franklin	204.9	1,322.9	0.0	0.0	187.2	67.1	17.8	204.9	0.0	163.3	0.0	887.6
Gregg	502.3	2,301.8	0.0	0.0	314.4	324.6	114.2	150.6	7.6	140.8	66.1	1,685.8
Grimes	813.0	3,001.4	0.0	0.0	603.5	264.3	145.3	254.2	64.3	1,141.3	0.0	1,341.5
Hardin	3,912.6	6,573.8	632.5	113.0	2,324.4	683.5	819.4	1,874.4	72.2	1,272.5	64.0	2,630.4
Harris	2,127.1	3,723.4	0.0	0.0	1,498.4	375.1	428.1	718.1	103.0	1,965.1	97.5	665.2
Harrison	4,428.8	8,683.1	0.0	0.0	3,116.4	1,160.8	996.7	2,387.0	119.6	2,475.4	196.2	2,659.9
Henderson	739.2	4,225.2	0.0	0.0	334.3	107.6	333.4	500.2	29.7	3,054.4	41.8	563.0
Houston	5,048.8	8,149.8	90.8	16.4	3,597.0	1,988.6	1,171.7	1,904.3	101.4	1,554.1	87.9	2,686.4
Jasper	5,961.0	11,616.0	1,230.9	222.5	2,776.8	1,129.5	1,560.1	3,361.2	94.3	1,515.4	298.9	5,387.4
Jefferson	166.4	2,152.7	0.0	0.0	1.7	0.0	91.3	386.5	38.0	461.0	35.5	1,305.2
Leon	318.9	8,835.3	0.0	0.0	234.3	51.1	6.3	118.2	52.4	5,818.6	25.9	2,847.4
Liberty	1,675.2	10,589.2	0.0	0.0	511.0	197.1	881.8	2,295.5	168.2	2,253.7	114.1	5,842.8
Madison	218.5	1,972.6	0.0	0.0	172.3	37.6	37.0	195.0	9.2	761.8	0.0	978.2
Marion	1,990.7	4,264.2	0.0	0.0	932.8	577.2	766.9	1,514.6	88.3	1,136.8	202.7	1,035.5
Montgomery	7,151.7	8,937.2	0.0	0.0	5,004.2	2,164.7	1,861.1	3,644.4	248.1	2,055.8	38.2	1,072.3
Morris	696.1	2,252.7	0.0	0.0	352.2	102.4	313.2	995.3	18.5	213.8	12.2	941.2
Nacogdoches	4,692.1	8,549.9	41.7	8.5	3,637.0	1,304.1	724.1	1,591.2	243.2	3,571.3	46.1	2,074.7
Newton	6,190.2	8,580.0	1,305.9	240.2	3,813.6	1,576.6	680.3	1,518.6	339.9	3,076.6	50.5	2,168.0
Orange	1,019.1	3,293.2	0.0	0.0	232.9	168.6	466.7	864.9	79.3	772.7	240.2	1,487.0
Panola	4,189.1	7,775.2	0.0	0.0	2,716.9	1,214.1	1,033.6	2,315.7	207.4	1,692.8	231.1	2,552.6
Polk	7,627.8	7,462.3	0.0	0.0	6,621.9	1,680.0	803.8	1,865.4	89.1	1,067.7	113.0	2,849.2
Red River	891.0	8,760.7	0.0	0.0	472.7	258.1	297.6	905.9	77.4	3,513.4	43.3	4,083.3
Rusk	4,174.2	7,278.4	0.0	0.0	3,145.0	1,575.0	588.1	1,275.7	204.5	1,845.2	236.6	2,582.5
Sabine	4,860.3	4,497.8	230.8	70.8	3,868.9	1,571.1	553.3	1,111.3	207.2	1,744.6	0.0	0.0
San Augustine	4,282.0	4,677.3	0.0	0.0	3,835.2	1,309.8	355.2	472.0	51.7	463.0	39.9	2,432.5
San Jacinto	3,795.6	4,688.7	0.0	0.0	2,907.5	1,352.8	713.1	1,394.2	91.7	1,138.7	83.3	803.0
Shelby	4,093.9	9,455.5	0.0	0.0	2,912.6	1,305.1	754.8	1,386.7	347.5	5,015.9	79.0	1,747.8
Smith	1,722.6	5,982.6	84.0	0.0	1,193.1	882.3	293.0	1,258.9	152.4	2,526.4	0.0	1,315.0
Titus	370.4	3,037.1	0.0	0.0	330.6	243.2	0.0	0.0	23.8	1,392.6	16.0	1,401.4
Trinity	4,704.4	5,285.8	0.0	0.0	3,867.2	1,001.7	711.1	889.3	40.1	398.4	86.0	2,996.4
Tyler	4,666.5	8,567.8	605.0	97.2	2,742.8	1,146.1	939.2	1,987.8	296.5	2,020.0	83.1	3,316.6
Upshur	2,764.9	4,947.7	47.3	74.5	1,903.3	1,101.2	781.8	1,987.2	32.5	859.8	0.0	925.1
Van Zandt	177.3	3,961.3	0.0	0.0	0.0	0.0	119.0	377.3	58.3	3,296.5	0.0	287.5
Walker	4,987.9	4,871.9	0.0	0.0	4,445.2	1,703.8	471.1	1,055.1	67.1	876.6	4.4	1,236.4
Waller	920.3	1,668.1	0.0	0.0	612.2	415.6	301.0	407.8	0.0	393.7	7.1	451.0
Wood	1,505.7	4,942.2	0.0	0.0	1,134.5	542.3	280.4	867.1	90.8	2,621.3	0.0	911.6
All counties	121,728.1	251,525.8	4,828.3	1,174.3	84,860.2	34,168.0	24,222.1	53,090.2	4,901.3	81,230.9	2,916.3	81,862.5

[*]Numbers in columns and rows may not total due to rounding.
[†]Includes oak-gum-cypress and elm-ash-cottonwood types.
[‡]Softwood species.
[§]Hardwood species.

Table 17.—*Wood and bark dry weight of live trees on timberland by county and forest type group, east Texas, 1992*[*]

County	All types		Forest type group: Longleaf-slash pine		Loblolly-shortleaf pine		Oak-pine		Oak-hickory		Bottomland hardwoods[†]	
	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]
	Million pounds											
Anderson	7,388.0	21,400.5	0.0	0.0	5,220.3	1,726.2	1,706.2	2,755.2	342.2	7,853.0	119.4	9,066.1
Angelina	21,332.2	10,583.9	1,589.4	496.7	16,439.3	3,773.8	2,846.1	3,711.5	0.0	616.1	457.5	1,985.8
Bowie	5,242.4	14,396.0	0.0	0.0	4,086.6	1,190.2	808.7	1,464.5	347.1	6,824.2	0.0	4,917.1
Camp	877.8	1,763.1	0.0	0.0	0.0	0.0	630.3	694.8	247.5	1,068.4	0.0	0.0
Cass	10,017.6	25,945.4	0.0	0.0	6,001.6	1,500.4	2,647.7	5,330.2	1,318.2	9,801.4	50.1	9,313.3
Chambers	296.1	676.5	0.0	0.0	0.0	0.0	296.1	479.4	0.0	0.0	0.0	197.1
Cherokee	11,767.4	19,481.2	205.1	77.6	7,139.3	2,570.9	3,186.5	4,300.5	988.2	8,598.3	248.4	3,933.9
Franklin	659.9	2,816.9	0.0	0.0	575.6	204.8	84.3	473.1	0.0	371.4	0.0	1,767.7
Gregg	1,555.6	4,762.7	0.0	0.0	1,034.8	539.0	273.7	376.6	29.3	359.1	217.8	3,488.0
Grimes	2,558.8	6,289.5	0.0	0.0	1,999.8	544.9	432.1	541.6	126.9	2,589.2	0.0	2,613.8
Hardin	10,831.6	13,537.4	2,053.6	195.2	5,992.8	1,628.1	2,313.8	3,712.6	239.7	2,815.5	231.7	5,185.9
Harris	7,104.5	8,085.4	0.0	0.0	5,010.3	812.3	1,294.8	1,430.1	340.0	4,199.8	459.5	1,643.2
Harrison	14,310.3	18,701.4	0.0	0.0	9,873.9	2,775.1	3,151.6	4,985.5	384.8	5,173.5	900.0	5,767.4
Henderson	2,339.1	9,307.3	0.0	0.0	1,051.9	293.7	1,077.6	1,251.1	87.1	6,664.3	122.5	1,098.2
Houston	15,576.7	16,552.6	207.1	47.5	11,209.8	3,927.9	3,652.5	4,137.0	280.7	3,190.8	226.6	5,249.4
Jasper	18,559.7	23,290.5	3,822.3	340.4	8,644.4	2,801.3	4,749.1	6,831.1	331.4	3,117.5	1,012.5	10,200.3
Jefferson	649.5	4,554.3	0.0	0.0	8.8	0.0	302.2	722.7	127.1	933.3	211.5	2,898.3
Leon	1,040.1	18,653.5	0.0	0.0	764.6	88.6	25.5	173.2	168.7	12,152.9	81.2	6,238.9
Liberty	5,388.8	23,061.8	0.0	0.0	1,635.9	449.1	2,773.5	5,110.1	519.2	4,895.5	460.2	12,607.0
Madison	676.1	4,456.9	0.0	0.0	552.5	88.7	103.0	426.1	20.6	1,787.4	0.0	2,154.6
Marion	6,920.2	9,424.7	0.0	0.0	3,164.1	1,344.6	2,481.9	3,371.0	316.8	2,571.8	957.3	2,137.4
Montgomery	22,837.3	18,786.8	0.0	0.0	15,847.0	4,574.3	6,003.1	7,304.4	859.0	4,494.8	128.2	2,413.3
Morris	2,193.3	4,910.6	0.0	0.0	1,173.2	197.9	930.7	1,800.2	44.2	317.7	45.2	2,594.8
Nacogdoches	15,375.0	18,175.3	208.5	17.3	11,784.2	3,274.3	2,382.8	3,634.2	851.0	6,748.1	148.7	4,501.3
Newton	18,696.6	18,896.4	3,936.7	591.5	11,144.5	3,518.8	2,254.6	3,505.9	1,138.7	6,614.3	222.1	4,665.9
Orange	3,266.0	6,381.0	0.0	0.0	728.6	330.6	1,498.1	1,892.6	225.1	1,490.9	814.3	2,667.0
Panola	13,355.7	16,248.9	0.0	0.0	8,450.5	2,644.7	3,239.6	4,941.3	680.1	3,324.2	985.4	5,338.7
Polk	20,945.4	15,523.1	0.0	0.0	17,942.4	3,888.8	2,435.4	3,589.8	280.1	2,291.5	287.5	5,753.0
Red River	2,797.3	18,598.1	0.0	0.0	1,524.8	594.2	895.2	1,639.3	273.5	7,249.2	103.7	9,115.4
Rusk	14,226.2	15,734.8	0.0	0.0	10,746.8	3,317.1	2,006.6	2,721.4	626.3	4,089.2	846.6	5,607.0
Sabine	15,034.0	9,688.3	710.2	167.4	11,923.2	3,610.6	1,728.1	2,217.1	672.5	3,693.2	0.0	0.0
San Augustine	11,966.4	9,996.7	0.0	0.0	10,450.2	2,992.9	1,238.0	912.5	165.4	1,108.4	112.7	4,982.9
San Jacinto	12,017.4	10,431.3	0.0	0.0	9,031.1	2,864.1	2,298.8	3,222.4	308.7	2,511.2	378.9	1,833.5
Shelby	12,727.1	19,430.4	0.0	0.0	9,053.4	2,931.2	2,367.5	3,103.8	1,055.6	9,956.7	250.7	3,438.7
Smith	5,695.9	12,177.5	316.2	0.0	3,938.8	1,580.3	991.7	2,583.5	449.2	5,106.3	0.0	2,907.4
Titus	1,197.2	5,964.0	0.0	0.0	1,049.5	517.3	0.0	0.0	87.3	2,769.3	60.5	2,677.4
Trinity	14,173.3	9,650.7	0.0	0.0	11,570.0	2,162.3	2,165.8	1,691.1	113.7	811.9	323.8	4,985.4
Tyler	14,157.3	17,559.7	1,936.8	172.7	8,001.6	2,431.1	2,978.2	4,494.9	936.6	4,122.1	304.1	6,338.9
Upshur	9,310.2	11,341.6	173.3	140.3	6,337.3	2,233.4	2,669.6	4,683.0	129.9	1,886.9	0.0	2,398.0
Van Zandt	571.6	7,936.3	0.0	0.0	0.0	0.0	413.2	749.1	158.3	6,416.4	0.0	770.8
Walker	15,622.2	10,301.9	0.0	0.0	13,935.1	3,554.4	1,476.1	2,115.7	195.3	1,875.0	15.7	2,756.8
Waller	3,151.1	3,423.9	0.0	0.0	2,082.4	941.6	1,044.8	821.3	0.0	802.3	24.0	858.7
Wood	5,153.6	10,655.6	0.0	0.0	3,812.7	1,263.3	1,045.4	1,935.8	295.5	5,305.6	0.0	2,151.0
All counties	379,562.4	529,554.3	15,159.3	2,246.5	260,933.6	75,682.7	76,900.3	111,837.2	15,761.3	168,568.4	10,808.0	171,219.4

[*]Numbers in columns and rows may not total due to rounding.
[†]Includes oak-gum-cypress and elm-ash-cottonwood types.
[‡]Softwood species.
[§]Hardwood species.

Table 18.—*Wood and bark dry weight of stems in live trees on timberland by county and forest type group, east Texas, 1992*[*]

County	All types		Forest type group: Longleaf-slash pine		Loblolly-shortleaf pine		Oak-pine		Oak-hickory		Bottomland hardwoods[†]	
	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]
	Million pounds											
Anderson	6,327.1	15,640.2	0.0	0.0	4,493.6	1,344.5	1,433.5	2,051.9	297.8	5,534.8	102.1	6,709.0
Angelina	18,049.2	7,811.1	1,342.7	329.7	13,919.7	2,959.0	2,402.1	2,669.7	0.0	496.3	384.7	1,356.3
Bowie	4,428.5	10,613.4	0.0	0.0	3,449.0	917.7	681.7	1,075.1	297.8	4,902.2	0.0	3,718.3
Camp	763.6	1,396.9	0.0	0.0	0.0	0.0	549.4	548.8	214.2	848.1	0.0	0.0
Cass	8,575.2	19,375.6	0.0	0.0	5,104.6	1,257.2	2,293.5	3,978.8	1,133.6	7,389.7	43.4	6,749.9
Chambers	254.5	528.7	0.0	0.0	0.0	0.0	254.5	378.9	0.0	0.0	0.0	149.9
Cherokee	10,093.3	14,895.7	172.3	71.4	6,121.5	2,051.8	2,743.4	3,312.4	846.2	6,500.8	209.9	2,959.3
Franklin	571.5	2,141.3	0.0	0.0	493.4	174.3	78.1	375.2	0.0	296.7	0.0	1,295.0
Gregg	1,320.1	3,416.6	0.0	0.0	886.5	362.8	221.8	299.8	25.8	286.4	185.9	2,467.6
Grimes	2,183.8	4,561.2	0.0	0.0	1,724.5	398.2	362.7	401.4	96.6	1,933.6	0.0	1,828.0
Hardin	9,027.6	10,157.0	1,742.9	147.6	4,951.2	1,363.2	1,926.7	2,784.4	207.8	2,141.2	199.0	3,720.7
Harris	6,075.4	6,137.7	0.0	0.0	4,289.2	624.3	1,090.1	1,063.9	289.2	3,171.3	407.0	1,278.3
Harrison	12,257.8	14,259.2	0.0	0.0	8,439.1	2,230.3	2,697.0	3,787.6	329.2	3,933.2	792.5	4,308.0
Henderson	2,004.5	6,970.0	0.0	0.0	901.9	244.9	925.8	986.7	74.3	4,949.0	102.6	789.3
Houston	13,218.8	12,295.5	163.8	38.5	9,521.9	2,932.2	3,112.8	3,174.9	234.5	2,363.1	185.9	3,786.7
Jasper	15,685.6	17,100.2	3,208.7	234.5	7,330.0	2,261.3	4,000.2	5,054.9	285.3	2,316.3	861.5	7,233.2
Jefferson	565.9	3,439.1	0.0	0.0	8.2	0.0	257.6	510.4	108.5	691.5	191.6	2,237.3
Leon	886.9	13,798.8	0.0	0.0	650.4	59.5	22.7	111.6	144.8	8,999.3	69.0	4,628.4
Liberty	4,584.1	17,220.5	0.0	0.0	1,399.4	342.7	2,346.8	3,878.6	437.7	3,706.7	400.3	9,292.5
Madison	571.4	3,265.5	0.0	0.0	468.7	66.3	86.3	308.2	16.4	1,352.4	0.0	1,538.6
Marion	5,966.7	7,244.0	0.0	0.0	2,728.1	1,071.1	2,115.4	2,581.0	276.3	2,024.7	847.0	1,567.2
Montgomery	19,431.4	14,247.2	0.0	0.0	13,468.9	3,517.5	5,112.3	5,484.6	739.8	3,403.3	110.4	1,841.7
Morris	1,877.6	3,688.8	0.0	0.0	1,010.5	157.5	792.3	1,302.1	35.5	215.4	39.2	2,013.8
Nacogdoches	13,180.0	13,770.9	188.7	13.2	10,077.1	2,652.0	2,049.1	2,870.2	738.8	4,875.2	126.3	3,360.5
Newton	15,794.4	14,482.1	3,312.7	478.3	9,376.3	2,806.5	1,934.7	2,750.2	975.5	4,953.9	195.3	3,493.2
Orange	2,770.5	4,593.8	0.0	0.0	617.9	243.1	1,272.8	1,431.4	187.3	1,063.2	692.5	1,856.1
Panola	11,368.8	12,148.1	0.0	0.0	7,180.7	2,074.8	2,745.7	3,714.5	581.9	2,456.1	860.4	3,902.7
Polk	17,435.7	11,614.2	0.0	0.0	14,902.1	3,101.8	2,062.5	2,630.0	238.2	1,740.5	233.0	4,141.9
Red River	2,382.8	13,570.3	0.0	0.0	1,304.3	469.3	755.7	1,154.8	239.4	5,388.6	83.4	6,557.6
Rusk	12,283.0	11,924.4	0.0	0.0	9,271.8	2,528.5	1,742.2	2,061.5	533.1	3,149.9	735.8	4,184.6
Sabine	12,727.9	7,354.6	594.7	138.4	10,099.6	2,822.8	1,460.6	1,618.6	573.0	2,774.9	0.0	0.0
San Augustine	9,983.1	7,594.3	0.0	0.0	8,677.8	2,354.6	1,070.6	681.2	141.0	890.5	93.7	3,667.9
San Jacinto	10,216.2	7,967.1	0.0	0.0	7,658.4	2,128.3	1,959.2	2,511.2	266.2	1,894.9	332.3	1,432.7
Shelby	10,815.9	14,461.0	0.0	0.0	7,696.6	2,269.4	2,014.9	2,409.5	894.0	7,343.6	210.4	2,438.5
Smith	4,904.3	9,016.7	275.5	0.0	3,392.2	1,134.5	856.4	1,899.3	380.2	3,804.4	0.0	2,178.6
Titus	1,033.7	4,349.7	0.0	0.0	902.1	401.5	0.0	0.0	78.1	2,039.8	53.5	1,908.4
Trinity	11,963.1	6,890.6	0.0	0.0	9,750.3	1,660.3	1,828.1	1,225.8	98.2	623.0	286.6	3,381.4
Tyler	11,981.9	13,101.4	1,638.1	142.0	6,749.6	1,925.4	2,536.3	3,452.1	794.7	3,085.8	263.3	4,496.1
Upshur	8,039.7	8,838.3	150.7	114.5	5,453.1	1,691.0	2,319.4	3,655.1	116.5	1,470.7	0.0	1,906.9
Van Zandt	491.0	5,766.8	0.0	0.0	0.0	0.0	359.6	560.8	131.4	4,670.8	0.0	535.2
Walker	13,280.2	7,748.0	0.0	0.0	11,851.5	2,726.0	1,252.1	1,574.9	163.1	1,394.8	13.6	2,052.2
Waller	2,716.1	2,519.6	0.0	0.0	1,797.1	737.0	898.5	606.3	0.0	566.8	20.5	609.4
Wood	4,474.8	8,030.2	0.0	0.0	3,301.0	1,007.6	919.3	1,496.1	254.4	3,897.8	0.0	1,628.8
All counties	322,563.5	395,946.2	12,790.7	1,708.1	221,419.6	59,071.0	65,544.2	84,424.5	13,476.3	125,541.1	9,332.6	125,201.4

[*]Numbers in columns and rows may not total due to rounding.
[†]Includes oak-gum-cypress and elm-ash-cottonwood types.
[‡]Softwood species.
[§]Hardwood species.

Table 19.—*Wood and bark dry weight of crowns in live trees on timberland by county and forest type group, east Texas, 1992*[*]

County	All types		Forest type group: Longleaf-slash pine		Loblolly-shortleaf pine		Oak-pine		Oak-hickory		Bottomland hardwoods[†]	
	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]
	Million pounds											
Anderson	1,061.0	5,760.3	0.0	0.0	726.7	381.7	272.6	703.3	44.4	2,318.2	17.2	2,357.1
Angelina	3,283.0	2,772.9	246.7	167.0	2,519.6	814.7	444.0	1,041.8	0.0	119.8	72.8	629.5
Bowie	813.8	3,782.6	0.0	0.0	637.6	272.5	127.0	389.4	49.3	1,921.9	0.0	1,198.8
Camp	114.2	366.2	0.0	0.0	0.0	0.0	80.9	146.0	33.3	220.3	0.0	0.0
Cass	1,442.4	6,569.8	0.0	0.0	897.0	243.2	354.2	1,351.5	184.6	2,411.7	6.7	2,563.4
Chambers	41.6	147.8	0.0	0.0	0.0	0.0	41.6	100.5	0.0	0.0	0.0	47.3
Cherokee	1,674.1	4,585.5	32.8	6.2	1,017.8	519.1	443.1	988.0	142.0	2,097.5	38.5	974.7
Franklin	88.4	675.6	0.0	0.0	82.1	30.4	6.2	97.8	0.0	74.7	0.0	472.6
Gregg	235.6	1,346.2	0.0	0.0	148.3	176.2	51.8	76.8	3.5	72.8	31.9	1,020.4
Grimes	375.0	1,728.3	0.0	0.0	275.3	146.7	69.3	140.2	30.4	655.6	0.0	785.8
Hardin	1,804.0	3,380.4	310.8	47.6	1,041.6	265.0	387.1	928.3	31.9	674.4	32.7	1,465.2
Harris	1,029.1	1,947.7	0.0	0.0	721.2	188.0	204.7	366.2	50.8	1,028.5	52.5	364.9
Harrison	2,052.5	4,442.2	0.0	0.0	1,434.8	544.8	454.6	1,197.8	55.6	1,240.2	107.5	1,459.4
Henderson	334.6	2,337.2	0.0	0.0	150.0	48.7	151.8	264.4	12.8	1,715.3	20.0	308.8
Houston	2,357.9	4,257.1	43.3	9.0	1,687.9	995.7	539.7	962.1	46.2	827.7	40.7	1,462.7
Jasper	2,874.1	6,190.3	613.6	105.9	1,314.4	540.0	749.0	1,776.2	46.2	801.2	150.9	2,967.1
Jefferson	83.6	1,115.1	0.0	0.0	0.5	0.0	44.5	212.3	18.7	241.8	19.8	661.0
Leon	153.1	4,854.7	0.0	0.0	114.2	29.1	2.8	61.5	23.9	3,153.6	12.2	1,610.5
Liberty	804.7	5,841.2	0.0	0.0	236.6	106.4	426.7	1,231.5	81.6	1,188.9	59.9	3,314.5
Madison	104.7	1,191.4	0.0	0.0	83.8	22.4	16.7	117.9	4.2	435.0	0.0	616.1
Marion	953.4	2,180.8	0.0	0.0	436.1	273.5	366.6	789.9	40.5	547.1	110.3	570.3
Montgomery	3,405.9	4,539.7	0.0	0.0	2,378.2	1,056.8	890.8	1,819.8	119.2	1,091.5	17.8	571.6
Morris	315.7	1,221.8	0.0	0.0	162.7	40.3	138.4	498.1	8.7	102.3	5.9	581.0
Nacogdoches	2,195.0	4,404.4	19.8	4.1	1,707.1	622.4	333.6	764.1	112.1	1,872.9	22.4	1,140.9
Newton	2,902.1	4,414.3	624.0	113.1	1,768.3	712.4	319.9	755.8	163.2	1,660.4	26.8	1,172.7
Orange	495.5	1,787.2	0.0	0.0	110.7	87.5	225.3	461.2	37.7	427.7	121.8	810.8
Panola	1,986.9	4,100.9	0.0	0.0	1,269.8	569.9	493.8	1,226.9	98.2	868.1	125.0	1,436.0
Polk	3,509.7	3,908.9	0.0	0.0	3,040.3	787.0	372.9	959.9	41.9	551.0	54.5	1,611.1
Red River	414.5	5,027.8	0.0	0.0	220.5	124.9	139.6	484.5	34.1	1,860.6	20.3	2,557.8
Rusk	1,943.3	3,810.3	0.0	0.0	1,474.9	788.6	264.4	660.0	93.2	939.4	110.7	1,422.4
Sabine	2,306.1	2,333.7	115.5	28.9	1,823.6	787.8	267.5	598.5	99.5	918.3	0.0	0.0
San Augustine	1,983.3	2,402.4	0.0	0.0	1,772.5	638.3	167.4	231.3	24.4	217.8	19.0	1,315.0
San Jacinto	1,801.2	2,464.2	0.0	0.0	1,372.7	735.8	339.6	711.2	42.4	616.3	46.6	400.9
Shelby	1,911.2	4,969.3	0.0	0.0	1,356.8	661.8	352.6	694.3	161.6	2,613.1	40.2	1,000.2
Smith	791.6	3,160.7	40.8	0.0	546.6	445.8	135.3	684.2	69.0	1,301.9	0.0	728.9
Titus	163.5	1,614.3	0.0	0.0	147.4	115.7	0.0	0.0	9.2	729.5	7.0	769.1
Trinity	2,210.2	2,760.1	0.0	0.0	1,819.7	502.0	337.7	465.3	15.5	188.9	37.2	1,604.0
Tyler	2,175.3	4,458.3	298.6	30.7	1,252.1	505.6	441.9	1,042.8	141.9	1,036.4	40.8	1,842.8
Upshur	1,270.5	2,503.3	22.7	25.8	884.2	542.4	350.2	1,027.9	13.4	416.2	0.0	491.1
Van Zandt	80.6	2,169.5	0.0	0.0	0.0	0.0	53.6	188.3	26.9	1,745.6	0.0	235.6
Walker	2,342.0	2,553.9	0.0	0.0	2,083.7	828.4	224.0	540.8	32.2	480.2	2.1	704.6
Waller	435.0	904.3	0.0	0.0	285.3	204.6	146.2	215.0	0.0	235.5	3.5	249.3
Wood	678.8	2,625.4	0.0	0.0	511.6	255.7	126.1	439.7	41.1	1,407.8	0.0	522.2
All counties	56,998.9	133,608.1	2,368.5	538.4	39,514.0	16,611.7	11,356.0	27,412.7	2,285.1	43,027.4	1,475.3	46,018.0

[*]Numbers in columns and rows may not total due to rounding.
[†]Includes oak-gum-cypress and elm-ash-cottonwood types.
[‡]Softwood species.
[§]Hardwood species.

Table 20.—*Wood and bark fresh weight of live trees on timberland by forest type group and ownership class, east Texas, 1992*[*]

Forest type group	All classes		Ownership class: National forest		Other public		Forest industry		Nonindustrial private	
	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]
	Million pounds									
Longleaf-slash	28,490.1	4,505.2	5,909.7	1,391.0	0.0	0.0	18,379.5	2,486.5	4,200.9	627.6
Loblolly-shortleaf	527,174.6	145,414.9	83,070.9	20,049.3	7,566.5	1,787.2	153,190.9	32,627.5	283,346.3	90,951.0
Oak-pine	155,971.7	211,357.6	10,644.3	8,808.9	3,311.1	4,550.8	35,731.4	47,977.2	106,285.0	150,020.7
Oak-hickory	31,925.8	313,574.7	352.1	3,058.4	609.7	8,668.3	7,865.3	44,392.5	23,098.6	257,455.5
Bottomland hardwoods[§]	20,806.6	311,035.0	150.8	6,533.5	212.0	7,542.8	9,002.1	92,324.0	11,441.6	204,634.6
All types	764,368.8	985,887.4	100,127.8	39,841.1	11,699.4	22,549.2	224,169.3	219,807.7	428,372.4	703,689.5

[*]Numbers in columns and rows may not total due to rounding.
[†]Softwood species.
[‡]Hardwood species.
[§]Includes oak-gum-cypress and elm-ash-cottonwood types.

Table 21.—*Wood and bark fresh weight of stems in live trees on timberland by forest type group and ownership class, east Texas, 1992*[*]

Forest type group	All classes		Ownership class: National forest		Other public		Forest industry		Nonindustrial private	
	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]
	Million pounds									
Longleaf-slash	23,661.8	3,330.9	4,841.5	994.9	0.0	0.0	15,336.9	1,855.5	3,483.4	480.6
Loblolly-shortleaf	442,314.4	111,246.9	70,185.5	15,054.9	6,396.3	1,340.6	125,516.0	25,353.7	240,216.6	69,497.8
Oak-pine	131,749.6	158,267.4	9,046.3	6,435.8	2,778.9	3,310.3	29,858.6	35,892.6	90,065.8	112,628.7
Oak-hickory	27,024.5	232,343.8	292.8	2,289.1	527.6	6,314.5	6,631.0	33,098.7	19,573.2	190,641.5
Bottomland hardwoods[§]	17,890.3	229,172.4	122.3	4,541.5	181.7	5,689.8	7,704.9	66,859.3	9,881.4	152,081.9
All types	642,640.7	734,361.5	84,488.5	29,316.2	9,884.4	16,655.1	185,047.4	163,059.7	363,220.4	525,330.5

[*]Numbers in columns and rows may not total due to rounding.
[†]Softwood species.
[‡]Hardwood species.
[§]Includes oak-gum-cypress and elm-ash-cottonwood types.

Table 22.—*Wood and bark fresh weight of crowns in live trees on timberland by forest type group and ownership class, east Texas, 1992*[*]

Forest type group	All classes		Ownership class: National forest		Other public		Forest industry		Nonindustrial private	
	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]
	Million pounds									
Longleaf-slash	4,828.3	1,174.3	1,068.2	396.1	0.0	0.0	3,042.6	631.1	717.5	147.1
Loblolly-shortleaf	84,860.2	34,168.0	12,885.4	4,994.4	1,170.3	446.6	27,674.9	7,273.8	43,129.7	21,453.2
Oak-pine	24,222.1	53,090.2	1,598.0	2,373.1	532.2	1,240.6	5,872.7	12,084.6	16,219.2	37,392.0
Oak-hickory	4,901.3	81,230.9	59.3	769.2	82.2	2,353.9	1,234.3	11,293.8	3,525.4	66,814.0
Bottomland hardwoods[§]	2,916.3	81,862.5	28.5	1,992.0	30.3	1,853.1	1,297.2	25,464.7	1,560.3	52,552.7
All types	121,728.1	251,525.8	15,639.4	10,524.8	1,814.9	5,894.1	39,121.9	56,747.9	65,152.0	178,359.0

[*]Numbers in columns and rows may not total due to rounding.
[†]Softwood species.
[‡]Hardwood species.
[§]Includes oak-gum-cypress and elm-ash-cottonwood types.

Table 23.—*Wood and bark dry weight of live trees on timberland by forest type group and ownership class, east Texas, 1992*[*]

Forest type group	All classes		Ownership class: National forest		Other public		Forest industry		Nonindustrial private	
	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]
	Million pounds									
Longleaf-slash	15,159.3	2,246.5	3,157.9	694.6	0.0	0.0	9,783.5	1,274.8	2,217.9	277.0
Loblolly-shortleaf	260,933.6	75,682.7	40,714.7	10,703.0	3,717.5	953.9	76,768.6	17,044.9	139,732.8	46,981.0
Oak-pine	76,900.3	111,837.2	5,187.4	4,701.6	1,617.7	2,475.8	17,769.5	25,478.5	52,325.6	79,181.4
Oak-hickory	15,761.3	168,568.4	171.6	1,540.0	298.0	4,610.9	3,884.2	23,771.7	11,407.5	138,645.8
Bottomland hardwoods[§]	10,808.0	171,219.4	75.6	3,453.0	104.4	4,294.4	4,725.1	49,997.3	5,902.9	113,474.7
All types	379,562.4	529,554.3	49,307.2	21,092.3	5,737.6	12,335.0	112,930.9	117,567.1	211,586.7	378,559.9

[*]Numbers in columns and rows may not total due to rounding.
[†]Softwood species.
[‡]Hardwood species.
[§]Includes oak-gum-cypress and elm-ash-cottonwood types.

Table 24.—*Wood and bark dry weight of stems in live trees on timberland by forest type group and ownership class, east Texas, 1992*[*]

			Ownership class							
	All classes		National forest		Other public		Forest industry		Nonindustrial private	
Forest type group	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]
	Million pounds									
Longleaf-slash	12,790.7	1,708.1	2,618.7	495.0	0.0	0.0	8,304.7	988.6	1,867.3	224.5
Loblolly-shortleaf	221,419.6	59,071.0	34,603.5	8,171.8	3,159.7	728.0	64,120.7	13,766.4	119,535.7	36,404.7
Oak-pine	65,544.2	84,424.5	4,429.9	3,454.5	1,361.8	1,812.3	15,031.9	19,411.0	44,720.7	59,746.7
Oak-hickory	13,476.3	125,541.1	142.7	1,143.9	261.6	3,339.6	3,299.8	17,874.9	9,772.1	103,182.7
Bottomland hardwoods[§]	9,332.6	125,201.4	62.2	2,356.2	89.5	3,229.1	4,056.3	35,790.0	5,124.6	83,826.2
All types	322,563.5	395,946.2	41,857.1	15,621.4	4,872.6	9,109.0	94,813.4	87,830.9	181,020.3	283,384.9

[*]Numbers in columns and rows may not total due to rounding.
[†]Softwood species.
[‡]Hardwood species.
[§]Includes oak-gum-cypress and elm-ash-cottonwood types.

Table 25.—*Wood and bark dry weight of crowns in live trees on timberland by forest type group and ownership class, east Texas, 1992*[*]

			Ownership class							
	All classes		National forest		Other public		Forest industry		Nonindustrial private	
Forest type group	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]
	Million pounds									
Longleaf-slash	2,368.5	538.4	539.1	199.7	0.0	0.0	1,478.8	286.2	350.6	52.5
Loblolly-shortleaf	39,514.0	16,611.7	6,111.2	2,531.2	557.8	225.8	12,647.9	3,278.4	20,197.1	10,576.2
Oak-pine	11,356.0	27,412.7	757.5	1,247.1	255.9	663.5	2,737.6	6,067.4	7,605.0	19,434.7
Oak-hickory	2,285.1	43,027.4	28.9	396.1	36.4	1,271.3	584.4	5,896.8	1,635.4	35,463.1
Bottomland hardwoods[§]	1,475.3	46,018.0	13.4	1,096.9	14.9	1,065.4	668.8	14,207.3	778.3	29,648.5
All types	56,998.9	133,608.1	7,450.0	5,471.0	865.0	3,226.0	18,117.5	29,736.2	30,566.4	95,175.0

[*]Numbers in columns and rows may not total due to rounding.
[†]Softwood species.
[‡]Hardwood species.
[§]Includes oak-gum-cypress and elm-ash-cottonwood types.

Table 26.—*Wood and bark fresh weight of live trees on timberland by species and diameter class, east Texas, 1992*[*]

Species common name[†]	All classes	Diameter class (*Inches at breast height*) 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
	Million pounds												
Eastern redcedar	7,270.3	399.1	899.5	1,043.1	815.1	1,278.2	861.5	926.2	337.4	390.9	145.8	129.9	43.7
Shortleaf pine	169,384.3	856.5	4,785.3	8,816.5	15,545.0	20,862.7	30,663.7	30,042.1	25,852.0	16,767.8	8,645.9	6,158.0	388.9
Slash pine	23,424.8	418.2	2,095.3	2,955.6	4,483.5	5,267.7	3,562.3	2,233.7	786.0	607.9	522.6	492.1	0.0
Longleaf pine	10,424.4	64.7	234.9	905.0	1,696.3	948.5	1,381.3	1,604.5	1,267.8	1,437.2	354.1	529.9	0.0
Loblolly pine	545,162.9	12,102.0	39,226.2	53,164.4	67,440.5	57,131.6	55,915.5	56,815.7	58,058.0	47,181.4	34,387.0	55,124.5	8,616.1
Baldcypress	8,702.1	0.0	28.8	537.1	888.9	903.7	911.5	1,083.3	896.0	1,038.2	728.6	1,333.2	353.0
Florida maple	1,313.6	105.0	174.7	112.8	248.5	145.1	205.4	89.3	79.3	153.5	0.0	0.0	0.0
Boxelder	1,189.6	108.6	281.1	247.3	120.2	227.2	37.4	0.0	136.3	31.5	0.0	0.0	0.0
Red maple	14,044.4	1,611.2	2,063.5	2,904.7	2,505.0	2,306.6	857.3	655.5	225.4	391.4	180.2	269.6	74.0
Silver maple	22.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.7	0.0	0.0	0.0	0.0
Sugar maple	200.4	56.2	0.0	35.9	0.0	0.0	108.3	0.0	0.0	0.0	0.0	0.0	0.0
River birch	5,984.1	101.3	586.6	699.0	760.8	714.4	543.6	565.2	466.0	506.8	366.4	561.8	112.2
Bumelia	610.4	99.9	224.9	126.1	22.4	60.8	0.0	33.5	0.0	0.0	42.7	0.0	0.0
Bluebeech, American hornbeam	10,694.9	2,034.4	3,378.3	2,324.1	1,729.9	845.0	299.2	33.4	0.0	50.5	0.0	0.0	0.0
Hickories[‡]	5,437.7	394.4	431.1	488.2	446.7	697.1	653.4	600.1	676.1	485.2	238.3	240.8	86.4
Water hickory	7,098.9	180.3	493.2	578.4	814.4	749.9	752.1	873.5	634.7	422.1	388.5	678.2	533.7
Bitternut hickory	2,005.8	83.5	223.0	451.0	272.3	246.4	260.4	109.3	204.1	44.3	111.5	0.0	0.0
Pignut hickory	729.2	0.0	84.9	40.4	117.1	149.0	0.0	119.3	77.8	37.2	37.1	66.5	0.0
Pecan	1,787.1	108.0	0.0	238.1	167.4	167.2	163.7	87.1	57.5	192.0	111.8	494.4	0.0
Shellbark hickory	400.3	0.0	0.0	0.0	29.1	119.5	58.3	0.0	91.3	0.0	0.0	102.1	0.0
Shagbark hickory	337.3	0.0	0.0	0.0	0.0	113.9	0.0	43.4	0.0	0.0	79.3	100.8	0.0
Black hickory	11,786.3	515.6	1,229.7	961.7	1,541.9	2,327.8	1,407.0	1,261.6	1,097.7	735.0	312.3	396.0	0.0
Mockernut hickory	12,243.9	577.9	1,291.0	1,162.8	1,324.2	1,776.0	2,050.0	1,318.3	1,236.9	499.1	591.4	416.2	0.0
Chinkapin	88.9	59.5	0.0	0.0	0.0	29.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allegheny chinkapin	21.1	0.0	0.0	21.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catalpa	84.9	0.0	0.0	0.0	0.0	0.0	34.5	0.0	0.0	0.0	0.0	50.3	0.0
Sugarberry	17,618.6	986.8	2,370.5	1,739.0	2,406.2	1,901.9	1,403.5	1,456.5	1,728.9	1,490.0	943.1	964.6	227.4
Hackberry	234.2	105.6	94.0	34.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern redbud	792.2	186.8	364.3	134.1	56.3	34.2	0.0	16.5	0.0	0.0	0.0	0.0	0.0
Flowering dogwood	6,710.6	2,752.5	3,116.2	643.5	165.8	32.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hawthorn	4,126.9	2,437.9	1,215.2	358.7	46.6	55.5	13.0	0.0	0.0	0.0	0.0	0.0	0.0
Common persimmon	2,233.8	510.0	951.3	263.4	188.8	143.3	126.9	50.2	0.0	0.0	0.0	0.0	0.0
American beech	7,904.6	131.9	196.5	143.0	372.8	386.4	805.2	789.3	1,259.2	998.9	813.0	1,697.3	311.1
White ash	7,590.0	751.0	1,477.7	508.2	559.4	685.3	733.6	931.8	726.5	582.1	357.6	246.2	30.8
Green ash	18,465.6	1,514.1	1,425.3	2,011.5	2,017.4	2,241.7	1,797.3	2,473.1	1,565.1	1,173.3	822.0	951.8	473.0
Waterlocust	1,396.6	191.9	191.8	26.8	348.8	162.4	164.4	114.7	38.7	0.0	0.0	157.0	0.0
Honeylocust	2,322.7	127.8	347.1	116.6	362.8	258.4	236.2	239.3	176.0	208.4	158.3	91.8	0.0
American holly	4,689.8	816.4	1,606.6	735.8	743.2	388.9	268.9	77.3	52.7	0.0	0.0	0.0	0.0
Black walnut	1,105.3	65.1	0.0	68.8	178.9	292.4	268.4	39.4	34.4	0.0	58.2	0.0	99.7
Sweetgum	161,161.0	11,205.9	18,644.3	19,223.5	22,547.5	22,133.2	16,421.2	16,891.3	10,672.1	7,006.4	5,979.0	8,496.2	1,940.4
Osage-orange	967.3	80.1	335.4	124.9	157.3	63.0	57.4	37.1	73.6	38.5	0.0	0.0	0.0
Cucumbertree	88.1	7.4	29.0	17.1	0.0	34.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Southern magnolia	2,328.2	119.3	30.4	161.5	80.7	119.2	198.7	369.1	234.3	589.5	91.2	233.5	100.9
Sweetbay	4,449.3	438.8	1,139.7	427.4	457.8	961.7	440.6	178.7	98.2	79.9	102.2	124.3	0.0
Chinaberry	284.2	10.5	0.0	15.9	37.2	0.0	0.0	36.6	0.0	0.0	0.0	0.0	184.0
White mulberry	11.3	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red mulberry	1,032.5	179.0	264.7	190.4	116.7	104.0	89.2	64.2	0.0	0.0	24.2	0.0	0.0
Water tupelo	6,500.0	33.0	411.2	411.7	423.2	571.8	789.7	764.3	1,138.7	686.6	467.0	744.2	58.6

Table 26.—*Wood and bark fresh weight of live trees on timberland by species and diameter class, east Texas, 1992**—*Continued*

Species common name†	All classes	Diameter class (*Inches at breast height*) 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
	Million pounds												
Blackgum	33,334.1	1,788.0	3,294.7	3,926.3	4,606.8	3,860.4	3,216.6	3,281.1	2,723.6	2,318.5	1,187.8	2,480.2	649.9
Swamp tupelo	51.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.8	0.0
Ironwood	8,834.3	1,834.9	3,359.8	2,182.8	908.1	357.5	97.4	93.7	0.0	0.0	0.0	0.0	0.0
Sourwood	33.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Redbay	1,383.5	604.6	600.5	122.0	9.9	27.8	0.0	0.0	0.0	18.7	0.0	0.0	0.0
Water-elm	1,549.3	103.5	589.5	165.5	205.4	120.7	106.0	87.2	0.0	54.9	38.8	77.8	0.0
American sycamore	2,534.0	34.8	251.3	213.8	113.7	175.4	138.6	298.5	175.6	170.5	72.5	656.9	232.6
Eastern cottonwood	3,186.8	18.8	0.0	73.2	0.0	134.2	294.9	216.2	313.5	337.7	575.2	905.8	317.3
Black cherry	2,152.0	387.2	558.5	238.9	338.1	402.9	97.8	68.9	0.0	59.7	0.0	0.0	0.0
Plums§	1,040.4	393.0	508.0	75.8	63.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White oak	40,919.5	1,265.7	1,969.3	2,173.7	3,295.6	4,116.3	3,698.9	4,327.8	3,770.1	5,390.4	3,198.0	6,235.3	1,478.3
Swamp white oak	56.8	0.0	0.0	0.0	0.0	56.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet oak	35.4	0.0	0.0	0.0	35.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Durand oak	40.7	0.0	0.0	0.0	0.0	0.0	0.0	40.7	0.0	0.0	0.0	0.0	0.0
Southern red oak	109,002.4	2,155.2	3,079.5	7,849.7	9,866.6	11,654.2	12,292.1	10,900.7	12,391.3	9,929.6	6,792.1	16,462.7	5,628.7
Cherrybark oak	45,943.2	536.1	1,153.2	2,211.5	3,129.9	2,799.7	3,615.8	3,846.4	4,197.7	3,037.6	4,186.0	11,676.0	5,553.3
Bluejack oak	3,843.8	222.9	834.5	705.0	587.3	438.6	306.7	317.6	382.6	48.4	0.0	0.0	0.0
Turkey oak	88.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87.6	0.0	0.0	0.0
Laurel oak	20,214.2	982.5	1,168.2	1,285.4	997.3	1,497.1	1,573.9	2,370.9	2,341.9	1,578.4	1,741.6	3,128.0	1,548.9
Overcup oak	20,975.7	99.8	435.7	837.9	1,085.9	1,624.2	1,576.1	2,359.4	2,333.9	2,349.9	1,785.5	4,717.9	1,769.5
Bur oak	43.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.6	0.0	0.0
Blackjack oak	8,929.3	712.1	839.0	872.8	1,054.5	1,027.4	1,038.4	1,052.3	705.2	965.8	252.8	351.8	57.2
Swamp chestnut oak	7,519.9	57.2	48.4	114.8	206.2	261.8	247.2	347.2	510.6	700.1	892.7	2,883.7	1,250.0
Chinkapin oak	106.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	106.7	0.0
Water oak	116,737.8	5,056.0	5,908.0	5,819.7	6,913.7	10,087.0	10,893.2	9,820.4	10,722.7	10,679.5	10,361.1	22,351.8	8,124.6
Nuttall oak	2,409.2	36.7	0.0	31.8	146.8	145.5	177.2	80.2	226.1	66.7	280.0	1,218.3	0.0
Willow oak	45,281.6	1,586.7	1,830.6	1,981.7	2,048.5	3,620.2	4,070.7	4,912.7	4,756.3	3,887.1	3,777.9	9,218.9	3,590.3
Chestnut oak	53.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.5	0.0	0.0	0.0
Shumard oak	3,463.1	194.9	349.3	197.2	45.0	139.8	206.6	287.8	137.0	177.7	325.9	1,023.4	378.4
Post oak	103,100.7	2,712.5	4,770.1	8,695.5	12,310.5	14,983.9	14,232.7	11,061.0	9,289.1	8,125.6	5,766.4	9,275.6	1,877.9
Black oak	6,455.5	125.1	383.6	244.3	593.9	865.3	563.9	501.4	948.0	649.9	495.4	854.4	230.4
Live oak	220.5	0.0	0.0	0.0	0.0	0.0	0.0	96.9	123.7	0.0	0.0	0.0	0.0
Black locust	340.4	172.3	108.1	24.6	35.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black willow	3,559.3	142.7	434.8	348.2	614.1	565.4	282.3	147.5	406.3	102.3	115.8	245.6	154.3
Chinese tallowtree	6,286.9	1,301.1	2,008.2	1,221.5	1,243.8	328.3	152.6	31.5	0.0	0.0	0.0	0.0	0.0
Sassafras	3,246.1	1,147.3	884.4	615.2	316.7	48.3	97.9	0.0	78.7	0.0	0.0	57.5	0.0
American basswood	632.2	60.4	176.3	25.1	0.0	69.5	59.4	68.2	0.0	64.9	80.7	27.6	0.0
White basswood	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Winged elm	30,586.9	5,097.3	6,640.1	4,964.7	4,360.3	3,459.7	1,977.2	1,905.1	786.9	559.4	246.1	493.5	96.7
American elm	10,122.0	498.7	898.1	1,021.9	874.8	1,116.0	672.4	1,319.9	630.9	975.4	447.9	1,186.0	479.9
Cedar elm	7,926.2	214.1	625.8	642.5	1,318.6	886.5	1,108.5	1,290.1	838.6	564.6	104.0	185.8	147.1
Slippery elm	4,473.1	569.9	605.5	730.6	374.7	511.0	367.8	139.7	297.9	221.0	247.3	156.7	251.0
Tree sparkleberry	666.9	350.5	288.7	0.0	0.0	0.0	0.0	27.7	0.0	0.0	0.0	0.0	0.0
Other species¶	410.1	0.0	0.0	191.1	93.0	90.6	0.0	35.4	0.0	0.0	0.0	0.0	0.0
All species	1,750,256.2	73,037.7	136,544.7	154,974.6	190,030.8	193,110.5	187,703.3	184,358.5	169,089.6	137,000.9	100,074.7	176,880.9	47,450.1

*Numbers in columns and rows may not total due to rounding.
†Alphabetized by genus; see species list, appendix 2.
‡Unidentified hickories.
§Includes cherries (except black cherry).
¶Other species include noncommercial and unidentified species.

Table 27. —*Wood and bark fresh weight of stems in live trees on timberland by species and diameter class, east Texas, 1992*[*]

Species common name[†]	All classes	Diameter class (*Inches at breast height*) 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
	Million pounds												
Eastern redcedar	6,160.9	356.1	814.0	708.6	694.4	1,136.1	760.9	805.7	289.9	330.7	122.4	107.3	35.0
Shortleaf pine	146,054.2	765.5	4,331.7	6,039.8	13,427.8	18,630.6	27,177.3	26,297.2	22,346.9	14,316.8	7,294.1	5,116.1	310.7
Slash pine	19,544.2	393.1	1,940.5	1,941.1	3,749.8	4,571.1	3,067.0	1,898.2	659.0	502.4	426.0	395.8	0.0
Longleaf pine	8,381.7	59.8	212.3	606.1	1,388.4	801.3	1,151.3	1,315.1	1,022.3	1,142.2	276.8	406.1	0.0
Loblolly pine	454,800.3	10,879.4	35,058.9	34,316.4	55,392.7	49,280.4	48,410.1	48,997.4	49,776.6	40,209.8	29,141.4	46,233.8	7,103.3
Baldcypress	7,699.3	0.0	27.1	405.7	788.3	833.5	840.6	990.9	809.3	926.8	641.6	1,149.1	286.5
Florida maple	986.1	89.0	146.1	71.4	184.1	107.8	153.4	65.4	56.8	112.2	0.0	0.0	0.0
Boxelder	899.8	92.3	234.6	157.3	90.2	170.7	28.0	0.0	102.3	24.5	0.0	0.0	0.0
Red maple	10,477.5	1,371.5	1,720.5	1,883.1	1,849.6	1,706.0	628.6	484.2	163.9	281.7	132.7	198.6	57.1
Silver maple	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1	0.0	0.0	0.0	0.0
Sugar maple	154.0	44.9	0.0	24.5	0.0	0.0	84.6	0.0	0.0	0.0	0.0	0.0	0.0
River birch	4,200.4	80.9	471.7	412.2	524.7	509.1	391.3	405.3	329.4	359.6	252.7	386.8	76.9
Bumelia	493.8	86.4	195.4	80.6	18.4	51.4	0.0	27.7	0.0	0.0	33.9	0.0	0.0
Bluebeech, American hornbeam	8,338.6	1,705.4	2,840.7	1,456.5	1,336.9	689.2	245.9	25.8	0.0	38.3	0.0	0.0	0.0
Hickories[‡]	4,124.4	343.6	370.5	313.0	344.0	564.0	520.5	465.8	505.7	344.5	154.5	154.4	44.1
Water hickory	5,225.3	156.6	422.1	326.3	626.6	608.7	603.5	671.4	463.5	305.5	271.3	443.9	325.8
Bitternut hickory	1,484.0	72.2	174.7	278.1	209.9	195.4	207.0	86.4	152.4	35.6	72.3	0.0	0.0
Pignut hickory	520.6	0.0	68.3	27.8	83.1	108.2	0.0	89.1	59.6	23.0	25.0	36.6	0.0
Pecan	1,292.9	93.6	0.0	153.5	130.1	135.0	131.0	68.4	43.1	137.9	79.2	321.0	0.0
Shellbark hickory	291.0	0.0	0.0	0.0	21.0	87.8	42.5	0.0	64.9	0.0	0.0	74.8	0.0
Shagbark hickory	251.2	0.0	0.0	0.0	0.0	87.0	0.0	32.4	0.0	0.0	60.9	70.8	0.0
Black hickory	9,206.3	445.6	1,054.1	588.4	1,197.4	1,876.0	1,128.6	996.8	844.6	565.4	234.6	274.7	0.0
Mockernut hickory	9,481.3	489.2	1,081.8	741.7	1,044.0	1,420.9	1,657.8	1,046.6	948.6	355.6	414.4	280.8	0.0
Chinkapin	75.4	50.2	0.0	0.0	0.0	25.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allegheny chinkapin	14.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catalpa	67.0	0.0	0.0	0.0	0.0	0.0	29.3	0.0	0.0	0.0	0.0	37.7	0.0
Sugarberry	12,815.4	788.7	1,905.5	1,098.1	1,764.5	1,488.2	1,085.8	1,086.4	1,237.4	1,022.7	620.5	597.0	120.6
Hackberry	177.2	84.3	75.6	17.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern redbud	647.1	161.3	316.5	82.6	44.1	29.1	0.0	13.6	0.0	0.0	0.0	0.0	0.0
Flowering dogwood	5,228.7	2,198.9	2,503.4	380.5	120.6	25.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hawthorn	3,213.8	1,946.8	976.1	202.8	35.1	42.9	10.1	0.0	0.0	0.0	0.0	0.0	0.0
Common persimmon	1,711.0	407.2	763.8	155.0	138.4	110.1	99.5	37.0	0.0	0.0	0.0	0.0	0.0
American beech	5,402.8	105.2	157.8	92.4	281.2	302.7	619.9	580.3	894.8	684.4	527.1	990.1	166.8
White ash	5,868.8	599.9	1,187.8	344.3	420.0	525.8	564.6	724.0	560.8	453.5	274.8	189.2	24.1
Green ash	14,067.1	1,209.4	1,144.9	1,345.1	1,505.5	1,717.8	1,382.4	1,917.2	1,211.8	907.3	633.1	731.5	360.9
Waterlocust	1,055.0	153.4	153.9	18.3	260.6	127.3	126.1	85.7	28.1	0.0	0.0	101.6	0.0
Honeylocust	1,707.4	102.1	279.1	71.2	267.0	201.4	182.2	178.9	128.2	144.0	95.7	57.4	0.0
American holly	3,812.2	705.7	1,394.7	464.9	589.4	326.0	224.3	64.4	42.9	0.0	0.0	0.0	0.0
Black walnut	811.3	52.0	0.0	41.7	136.3	229.5	201.8	30.0	25.1	0.0	39.2	0.0	55.7
Sweetgum	132,089.1	9,894.2	16,701.8	12,670.0	18,634.3	19,354.2	14,313.6	14,208.7	8,697.6	5,541.9	4,588.4	6,184.6	1,299.8
Osage-orange	725.4	64.0	269.4	75.9	118.0	49.3	43.2	27.9	51.0	26.7	0.0	0.0	0.0
Cucumbertree	70.5	6.5	25.4	8.9	0.0	29.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Southern magnolia	1,835.7	103.0	26.4	105.8	63.6	100.6	167.6	299.0	187.1	467.5	70.3	176.8	68.2
Sweetbay	3,647.6	379.4	989.8	282.3	361.0	806.9	366.5	143.2	79.9	62.6	80.9	95.2	0.0
Chinaberry	206.5	9.1	0.0	8.6	30.3	0.0	0.0	30.5	0.0	0.0	0.0	0.0	128.0
White mulberry	9.7	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red mulberry	833.1	154.7	229.7	125.3	93.7	85.8	74.7	51.4	0.0	0.0	17.7	0.0	0.0
Water tupelo	5,073.3	29.5	359.8	266.8	336.6	475.3	654.7	618.6	903.5	528.2	340.8	524.7	34.6

Table 27.—*Wood and bark fresh weight of stems in live trees on timberland by species and diameter class, east Texas, 1992**—*Continued*

Species common name†	All classes	Diameter class (*Inches at breast height*) 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
	Million pounds												
Blackgum	23,498.2	1,004.3	2,125.8	2,159.2	3,116.5	2,904.2	2,506.5	2,549.4	2,109.6	1,786.6	913.1	1,874.3	448.7
Swamp tupelo	36.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.1	0.0
Ironwood	6,598.9	1,466.1	2,699.3	1,340.8	668.1	278.5	75.4	70.7	0.0	0.0	0.0	0.0	0.0
Sourwood	26.3	26.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Redbay	1,170.4	522.5	521.4	80.6	8.0	23.3	0.0	0.0	0.0	14.7	0.0	0.0	0.0
Water-elm	1,262.4	89.5	511.6	100.7	164.9	101.4	89.5	72.1	0.0	44.1	30.4	58.1	0.0
American sycamore	2,115.6	30.0	218.2	141.2	89.6	140.9	112.0	246.3	146.8	144.5	63.2	573.3	209.5
Eastern cottonwood	2,479.2	16.3	0.0	37.4	0.0	114.1	249.5	181.0	256.7	270.6	453.9	695.3	204.4
Black cherry	1,633.2	308.9	448.7	146.7	246.4	314.1	74.7	52.2	0.0	41.5	0.0	0.0	0.0
Plums§	810.3	314.1	408.4	41.9	45.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White oak	28,732.3	1,070.2	1,618.5	1,316.6	2,378.0	3,151.4	2,820.5	3,170.5	2,662.2	3,690.7	2,105.9	3,917.0	830.9
Swamp white oak	44.0	0.0	0.0	0.0	0.0	44.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet oak	26.7	0.0	0.0	0.0	26.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Durand oak	30.2	0.0	0.0	0.0	0.0	0.0	0.0	30.2	0.0	0.0	0.0	0.0	0.0
Southern red oak	78,001.9	1,959.9	2,746.6	4,878.5	7,758.8	9,696.2	10,011.4	8,345.4	8,939.3	6,814.5	4,437.4	9,735.4	2,678.4
Cherrybark oak	31,091.6	486.8	1,027.7	1,353.1	2,464.4	2,333.0	2,958.3	2,942.8	3,022.9	2,081.7	2,743.7	6,920.6	2,756.7
Bluejack oak	3,025.8	202.9	742.1	441.4	462.1	366.7	251.4	247.2	278.4	33.7	0.0	0.0	0.0
Turkey oak	61.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.6	0.0	0.0	0.0
Laurel oak	13,905.6	835.3	971.7	851.0	767.0	1,182.4	1,213.2	1,741.3	1,608.5	1,025.7	1,107.4	1,848.2	753.7
Overcup oak	14,155.8	84.1	358.4	496.9	787.9	1,246.2	1,201.3	1,729.6	1,646.8	1,606.2	1,178.9	2,931.9	887.5
Bur oak	23.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.9	0.0	0.0
Blackjack oak	7,302.7	601.6	689.2	627.3	886.9	892.1	894.1	877.5	571.0	762.9	196.0	264.0	40.1
Swamp chestnut oak	5,613.0	48.3	40.0	85.8	170.7	226.3	212.8	287.1	410.3	548.7	682.0	2,083.9	817.0
Chinkapin oak	68.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.0	0.0
Water oak	85,475.6	4,123.0	4,829.5	3,722.1	5,318.0	8,096.8	8,663.6	7,588.4	8,012.6	7,765.4	7,325.5	15,051.3	4,979.3
Nuttall oak	1,710.4	29.9	0.0	21.2	114.2	117.5	139.8	62.4	169.9	48.5	199.8	807.2	0.0
Willow oak	32,907.9	1,293.8	1,496.7	1,273.1	1,586.1	2,901.6	3,239.9	3,784.7	3,556.7	2,821.8	2,650.5	6,128.9	2,174.2
Chestnut oak	41.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.5	0.0	0.0	0.0
Shumard oak	2,560.2	164.9	286.8	132.9	34.3	109.5	166.0	223.1	106.1	134.7	242.6	726.0	233.3
Post oak	71,461.6	2,087.3	3,634.5	5,002.3	8,594.7	10,976.3	10,421.3	7,904.6	6,474.3	5,534.8	3,830.6	5,912.1	1,088.9
Black oak	4,896.1	115.0	347.9	153.7	471.5	733.1	472.9	396.6	711.8	468.9	339.0	553.1	132.4
Live oak	157.1	0.0	0.0	0.0	0.0	0.0	0.0	71.3	85.7	0.0	0.0	0.0	0.0
Black locust	266.1	137.9	86.7	15.6	25.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black willow	2,851.0	123.5	377.6	231.9	487.8	477.5	236.3	122.9	331.8	81.6	86.1	183.4	110.7
Chinese tallowtree	4,978.2	1,096.2	1,726.7	768.5	964.2	264.7	131.1	26.7	0.0	0.0	0.0	0.0	0.0
Sassafras	2,619.1	991.7	767.6	385.7	244.1	38.9	82.7	0.0	63.9	0.0	0.0	44.5	0.0
American basswood	452.4	52.9	150.0	7.0	0.0	18.1	47.8	53.1	0.0	44.1	59.8	19.6	0.0
White basswood	1.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Winged elm	24,737.2	4,404.7	5,764.5	3,211.2	3,478.0	2,912.1	1,673.6	1,577.7	638.8	446.1	190.4	368.7	71.3
American elm	8,045.2	431.1	780.1	661.3	695.5	941.2	569.5	1,096.2	513.8	782.3	347.1	900.9	326.3
Cedar elm	6,424.9	184.9	543.3	416.7	1,063.0	747.5	936.1	1,072.3	680.8	451.4	82.0	138.7	108.3
Slippery elm	3,571.8	492.5	525.9	483.9	296.6	431.9	311.8	116.2	243.6	177.7	194.3	122.0	175.6
Tree sparkleberry	576.2	302.5	250.7	0.0	0.0	0.0	0.0	23.1	0.0	0.0	0.0	0.0	0.0
Other species¶	306.2	0.0	0.0	126.1	74.3	76.5	0.0	29.2	0.0	0.0	0.0	0.0	0.0
All species	1,377,002.2	61,842.0	117,322.6	99,116.3	151,791.8	161,480.8	157,138.9	151,558.4	135,944.2	107,576.6	76,405.8	127,299.2	29,525.4

*Numbers in columns and rows may not total due to rounding.
†Alphabetized by genus; see species list, appendix 2.
‡Unidentified hickories.
§Includes cherries (except black cherry).
¶Other species include noncommercial and unidentified species.

Table 28.—*Wood and bark fresh weight of crowns in live trees on timberland by species and diameter class, east Texas, 1992*[*]

Species common name[†]	All classes	Diameter class (*Inches at breast height*) 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
	Million pounds												
Eastern redcedar	1,109.4	42.9	85.5	334.5	120.7	142.1	100.6	120.5	47.5	60.2	23.4	22.7	8.8
Shortleaf pine	23,330.1	91.0	453.7	2,776.7	2,117.3	2,232.1	3,486.4	3,744.9	3,505.1	2,451.0	1,351.8	1,041.9	78.2
Slash pine	3,880.7	25.1	154.7	1,014.5	733.6	696.6	495.3	335.4	127.0	105.5	96.6	96.2	0.0
Longleaf pine	2,042.7	4.9	22.6	298.9	307.9	147.2	230.0	289.4	245.5	295.1	77.3	123.8	0.0
Loblolly pine	90,362.6	1,222.6	4,167.3	18,848.0	12,047.8	7,851.2	7,505.4	7,818.4	8,281.4	6,971.6	5,245.6	8,890.6	1,512.8
Baldcypress	1,002.8	0.0	1.7	131.4	100.6	70.2	70.9	92.4	86.7	111.4	87.0	184.1	66.5
Florida maple	327.5	16.0	28.6	41.4	64.4	37.3	52.1	23.9	22.5	41.3	0.0	0.0	0.0
Boxelder	289.8	16.3	46.5	90.1	30.0	56.5	9.4	0.0	34.0	7.0	0.0	0.0	0.0
Red maple	3,566.9	239.7	343.0	1,021.6	655.4	600.6	228.8	171.3	61.5	109.7	47.5	70.9	16.8
Silver maple	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6	0.0	0.0	0.0	0.0
Sugar maple	46.5	11.3	0.0	11.4	0.0	0.0	23.7	0.0	0.0	0.0	0.0	0.0	0.0
River birch	1,783.7	20.4	114.9	286.8	236.2	205.3	152.4	159.9	136.6	147.2	113.7	175.1	35.3
Bumelia	116.6	13.6	29.5	45.4	4.0	9.4	0.0	5.8	0.0	0.0	8.9	0.0	0.0
Bluebeech, American hornbeam	2,356.2	329.0	537.6	867.6	393.0	155.9	53.4	7.6	0.0	12.2	0.0	0.0	0.0
Hickories[‡]	1,313.3	50.9	60.6	175.2	102.7	133.1	132.9	134.3	170.4	140.8	83.9	86.4	42.3
Water hickory	1,873.7	23.7	71.1	252.1	187.8	141.1	148.6	202.1	171.2	116.6	117.2	234.3	207.9
Bitternut hickory	521.7	11.2	48.2	172.9	62.5	51.0	53.4	22.9	51.8	8.6	39.2	0.0	0.0
Pignut hickory	208.6	0.0	16.6	12.6	34.0	40.8	0.0	30.2	18.2	14.2	12.1	29.8	0.0
Pecan	494.2	14.4	0.0	84.6	37.3	32.2	32.6	18.7	14.4	54.0	32.6	173.4	0.0
Shellbark hickory	109.3	0.0	0.0	0.0	8.1	31.7	15.8	0.0	26.4	0.0	0.0	27.3	0.0
Shagbark hickory	86.2	0.0	0.0	0.0	0.0	26.9	0.0	10.9	0.0	0.0	18.4	30.0	0.0
Black hickory	2,580.1	70.0	175.6	373.3	344.5	451.8	278.4	264.8	253.0	169.6	77.7	121.2	0.0
Mockernut hickory	2,762.5	88.7	209.2	421.0	280.2	355.2	392.2	271.7	288.4	143.5	177.0	135.4	0.0
Chinkapin	13.6	9.3	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allegheny chinkapin	7.1	0.0	0.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catalpa	17.9	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0	12.6	0.0
Sugarberry	4,803.2	198.1	465.0	640.9	641.7	413.8	317.7	370.1	491.5	467.3	322.5	367.6	106.8
Hackberry	57.0	21.3	18.4	17.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern redbud	145.0	25.5	47.8	51.5	12.2	5.1	0.0	2.9	0.0	0.0	0.0	0.0	0.0
Flowering dogwood	1,481.9	553.6	612.8	263.0	45.1	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hawthorn	913.2	491.0	239.1	156.0	11.5	12.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0
Common persimmon	522.9	102.8	187.4	108.4	50.4	33.2	27.4	13.2	0.0	0.0	0.0	0.0	0.0
American beech	2,501.8	26.7	38.7	50.6	91.6	83.7	185.3	209.0	364.4	314.5	285.8	707.2	144.4
White ash	1,721.3	151.1	289.8	163.9	139.4	159.5	169.0	207.8	165.7	128.6	82.8	56.9	6.7
Green ash	4,398.6	304.7	280.3	666.4	512.0	523.8	414.9	555.9	353.4	265.9	189.0	220.2	112.0
Waterlocust	341.6	38.5	37.9	8.6	88.3	35.1	38.3	29.0	10.5	0.0	0.0	55.4	0.0
Honeylocust	615.3	25.7	68.0	45.4	95.7	57.0	54.0	60.4	47.8	64.4	62.7	34.4	0.0
American holly	877.6	110.8	211.9	270.9	153.9	62.9	44.6	12.9	9.8	0.0	0.0	0.0	0.0
Black walnut	294.0	13.1	0.0	27.1	42.5	62.9	66.6	9.4	9.4	0.0	18.9	0.0	44.1
Sweetgum	29,071.8	1,311.6	1,942.5	6,553.4	3,913.2	2,779.0	2,107.5	2,682.6	1,974.6	1,464.6	1,390.6	2,311.6	640.6
Osage-orange	241.9	16.1	65.9	49.1	39.3	13.7	14.2	9.2	22.6	11.8	0.0	0.0	0.0
Cucumbertree	17.7	1.0	3.6	8.2	0.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Southern magnolia	492.5	16.3	4.1	55.7	17.1	18.6	31.1	70.1	47.2	122.0	20.9	56.7	32.7
Sweetbay	801.7	59.5	149.9	145.1	96.7	154.9	74.1	35.5	18.4	17.2	21.4	29.1	0.0
Chinaberry	77.7	1.4	0.0	7.3	6.9	0.0	0.0	6.1	0.0	0.0	0.0	0.0	56.0
White mulberry	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red mulberry	199.4	24.2	35.0	65.1	23.1	18.2	14.5	12.8	0.0	0.0	6.5	0.0	0.0
Water tupelo	1,426.7	3.5	51.4	144.9	86.6	96.6	134.9	145.7	235.2	158.3	126.1	219.6	24.0

Table 28.—*Wood and bark fresh weight of crowns in live trees on timberland by species and diameter class, east Texas, 1992*[*]*—Continued*

Species common name[†]	All classes	Diameter class (*Inches at breast height*) 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
	Million pounds												
Blackgum	9,835.9	783.7	1,169.0	1,767.1	1,490.3	956.3	710.2	731.7	614.0	532.0	274.7	605.9	201.2
Swamp tupelo	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.7	0.0
Ironwood	2,235.4	368.8	660.5	842.0	240.1	79.0	21.9	23.1	0.0	0.0	0.0	0.0	0.0
Sourwood	6.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Redbay	213.1	82.1	79.2	41.4	1.9	4.5	0.0	0.0	0.0	4.1	0.0	0.0	0.0
Water-elm	287.0	14.0	77.9	64.8	40.5	19.3	16.5	15.2	0.0	10.8	8.4	19.7	0.0
American sycamore	418.4	4.7	33.1	72.5	24.0	34.5	26.6	52.2	28.7	26.0	9.3	83.6	23.1
Eastern cottonwood	707.7	2.6	0.0	35.8	0.0	20.1	45.4	35.2	56.8	67.1	121.2	210.5	112.9
Black cherry	518.8	78.3	109.8	92.1	91.7	88.8	23.1	16.8	0.0	18.3	0.0	0.0	0.0
Plums[§]	230.1	78.9	99.6	33.9	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White oak	12,187.2	195.5	350.8	857.1	917.7	964.9	878.5	1,157.3	1,107.9	1,699.7	1,092.1	2,318.3	647.5
Swamp white oak	12.8	0.0	0.0	0.0	0.0	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet oak	8.8	0.0	0.0	0.0	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Durand oak	10.5	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0	0.0	0.0	0.0	0.0
Southern red oak	31,000.5	195.3	332.8	2,971.2	2,107.8	1,958.0	2,280.7	2,555.2	3,452.0	3,115.2	2,354.8	6,727.2	2,950.3
Cherrybark oak	14,851.6	49.2	125.5	858.5	665.5	466.8	657.5	903.6	1,174.8	955.9	1,442.3	4,755.5	2,796.6
Bluejack oak	817.9	20.1	92.4	263.7	125.2	71.9	55.3	70.5	104.2	14.7	0.0	0.0	0.0
Turkey oak	27.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	0.0	0.0	0.0
Laurel oak	6,308.6	147.2	196.5	434.4	230.2	314.7	360.7	629.6	733.3	552.7	634.2	1,279.8	795.3
Overcup oak	6,819.9	15.7	77.3	341.0	298.0	377.9	374.8	629.8	687.0	743.7	606.6	1,786.1	881.9
Bur oak	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.8	0.0	0.0
Blackjack oak	1,626.6	110.5	149.8	245.5	167.6	135.2	144.3	174.8	134.2	202.8	56.8	87.8	17.1
Swamp chestnut oak	1,907.0	8.9	8.4	28.9	35.5	35.6	34.5	60.1	100.3	151.4	210.7	799.8	433.0
Chinkapin oak	38.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.7	0.0
Water oak	31,262.2	933.0	1,078.5	2,097.6	1,595.7	1,990.3	2,229.6	2,232.0	2,710.1	2,914.1	3,035.6	7,300.5	3,145.2
Nuttall oak	698.8	6.8	0.0	10.7	32.5	28.0	37.4	17.8	56.2	18.2	80.1	411.1	0.0
Willow oak	12,373.7	292.8	333.9	708.6	462.4	718.7	830.8	1,128.1	1,199.6	1,065.3	1,127.4	3,090.0	1,416.1
Chestnut oak	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.9	0.0	0.0	0.0
Shumard oak	902.9	30.0	62.5	64.3	10.8	30.3	40.6	64.6	30.9	43.0	83.4	297.5	145.0
Post oak	31,639.1	625.2	1,135.6	3,693.2	3,715.8	4,007.6	3,811.3	3,156.4	2,814.9	2,590.8	1,935.7	3,363.5	789.0
Black oak	1,559.3	10.0	35.7	90.6	122.4	132.2	91.0	104.7	236.2	180.9	156.4	301.3	98.0
Live oak	63.5	0.0	0.0	0.0	0.0	0.0	0.0	25.5	37.9	0.0	0.0	0.0	0.0
Black locust	74.3	34.4	21.3	8.9	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black willow	708.3	19.3	57.2	116.3	126.3	88.0	46.0	24.6	74.5	20.7	29.7	62.1	43.5
Chinese tallowtree	1,308.7	204.9	281.5	453.0	279.6	63.5	21.5	4.7	0.0	0.0	0.0	0.0	0.0
Sassafras	627.0	155.6	116.8	229.5	72.6	9.4	15.3	0.0	14.9	0.0	0.0	13.0	0.0
American basswood	179.8	7.5	26.3	18.1	0.0	51.4	11.6	15.1	0.0	20.8	20.9	8.0	0.0
White basswood	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Winged elm	5,849.7	692.6	875.5	1,753.5	882.3	547.6	303.6	327.4	148.1	113.3	55.7	124.8	25.3
American elm	2,076.8	67.6	118.1	360.6	179.3	174.8	102.9	223.7	117.2	193.1	100.8	285.0	153.6
Cedar elm	1,501.3	29.2	82.6	225.8	255.6	139.0	172.5	217.8	157.8	113.2	22.0	47.1	38.8
Slippery elm	901.3	77.4	79.6	246.7	78.1	79.1	55.9	23.5	54.3	43.4	53.0	34.7	75.5
Tree sparkleberry	90.7	48.0	38.1	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0
Other species[¶]	103.9	0.0	0.0	65.0	18.6	14.2	0.0	6.1	0.0	0.0	0.0	0.0	0.0
All species	373,254.0	11,195.6	19,222.1	55,858.2	38,238.9	31,629.7	30,564.3	32,800.1	33,145.4	29,424.3	23,668.9	49,581.7	17,924.7

[*]Numbers in columns and rows may not total due to rounding.
[†]Alphabetized by genus; see species list, appendix 2.
[‡]Unidentified hickories.
[§]Includes cherries (except black cherry).
[¶]Other species include noncommercial and unidentified species.

Table 29.—*Wood and bark dry weight of live trees on timberland by species and diameter class, east Texas, 1992*[*]

Species common name[†]	All classes	Diameter class (*Inches at breast height*) 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
	Million pounds												
Eastern redcedar	3,603.9	215.2	460.6	520.0	399.7	620.5	420.3	452.6	165.2	192.1	71.8	64.2	21.7
Shortleaf pine	82,096.4	459.3	2,447.9	4,364.3	7,530.2	10,034.0	14,772.5	14,493.1	12,494.1	8,117.4	4,196.5	2,996.0	191.1
Slash pine	12,580.9	223.8	1,120.5	1,571.6	2,388.0	2,820.0	1,921.7	1,212.3	429.0	333.5	288.1	272.5	0.0
Longleaf pine	5,636.6	34.6	125.4	480.2	900.1	505.3	744.1	871.4	693.3	790.5	196.1	295.6	0.0
Loblolly pine	270,776.1	6,334.8	20,098.8	26,913.5	33,843.8	28,458.3	27,694.6	28,021.0	28,525.9	23,114.6	16,800.5	26,808.2	4,162.0
Baldcypress	4,868.6	0.0	16.1	300.5	497.3	505.6	509.9	606.1	501.3	580.8	407.6	745.9	197.5
Florida maple	737.0	59.5	99.0	61.4	136.9	80.7	115.3	50.4	45.4	88.3	0.0	0.0	0.0
Boxelder	664.8	61.6	159.3	135.1	66.2	126.1	20.8	0.0	77.6	18.0	0.0	0.0	0.0
Red maple	7,844.7	914.3	1,169.4	1,587.7	1,382.8	1,280.1	479.7	370.6	128.6	225.6	104.2	157.9	43.8
Silver maple	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.9	0.0	0.0	0.0	0.0
Sugar maple	117.2	31.7	0.0	21.0	0.0	0.0	64.4	0.0	0.0	0.0	0.0	0.0	0.0
River birch	3,534.8	57.1	339.5	416.0	452.0	423.9	322.2	334.6	275.7	299.5	216.6	331.5	66.0
Bumelia	324.9	55.1	120.4	67.2	11.8	31.7	0.0	17.2	0.0	0.0	21.5	0.0	0.0
Bluebeech, American hornbeam	5,795.2	1,093.8	1,869.4	1,226.7	942.3	448.1	164.9	21.0	0.0	29.0	0.0	0.0	0.0
Hickories[‡]	3,418.2	240.3	266.9	306.9	282.7	444.5	416.6	380.0	425.6	304.1	148.4	148.9	53.2
Water hickory	4,462.3	110.3	307.0	364.0	516.7	480.1	480.1	553.3	399.9	264.7	242.1	418.4	325.8
Bitternut hickory	1,116.1	45.9	134.3	248.2	152.2	135.4	146.0	59.5	107.9	22.4	64.2	0.0	0.0
Pignut hickory	438.9	0.0	49.1	23.5	72.1	88.8	0.0	71.1	47.4	22.9	22.9	41.1	0.0
Pecan	1,119.0	66.1	0.0	149.8	106.3	106.6	104.3	55.3	36.3	120.2	69.8	304.4	0.0
Shellbark hickory	221.6	0.0	0.0	0.0	17.9	73.2	28.1	0.0	49.8	0.0	0.0	52.6	0.0
Shagbark hickory	194.4	0.0	0.0	0.0	0.0	72.4	0.0	25.5	0.0	0.0	41.5	55.0	0.0
Black hickory	6,358.6	288.5	688.4	500.6	760.9	1,281.7	790.1	697.1	583.7	374.6	172.5	220.7	0.0
Mockernut hickory	6,591.8	329.5	712.4	630.6	661.1	963.8	1,125.5	707.9	687.9	249.8	310.8	212.7	0.0
Chinkapin	49.2	34.4	0.0	0.0	0.0	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allegheny chinkapin	12.2	0.0	0.0	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catalpa	42.8	0.0	0.0	0.0	0.0	0.0	17.9	0.0	0.0	0.0	0.0	24.9	0.0
Sugarberry	10,289.3	557.9	1,369.8	1,012.7	1,413.7	1,127.8	831.2	858.3	1,013.0	870.1	548.4	557.3	129.0
Hackberry	133.7	59.3	54.3	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern redbud	426.0	103.6	194.9	71.6	29.7	17.8	0.0	8.5	0.0	0.0	0.0	0.0	0.0
Flowering dogwood	3,839.0	1,553.4	1,796.6	373.1	96.9	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hawthorn	2,348.9	1,373.8	700.1	207.4	27.3	32.6	7.6	0.0	0.0	0.0	0.0	0.0	0.0
Common persimmon	1,288.6	287.2	547.4	153.0	111.2	84.8	75.5	29.5	0.0	0.0	0.0	0.0	0.0
American beech	4,623.3	74.0	113.2	83.1	220.1	229.1	478.3	465.9	739.6	583.4	474.0	984.9	177.7
White ash	5,245.5	423.6	854.0	374.3	414.5	510.5	546.6	690.5	538.1	428.0	263.3	180.2	22.0
Green ash	13,163.1	854.0	821.5	1,481.6	1,495.2	1,669.3	1,339.6	1,833.3	1,157.7	865.3	605.1	696.9	343.6
Waterlocust	814.7	108.6	110.1	15.6	205.3	96.5	97.4	67.8	22.6	0.0	0.0	90.7	0.0
Honeylocust	1,358.3	72.2	200.8	67.8	213.2	152.9	139.6	141.0	103.4	121.6	92.8	53.0	0.0
American holly	2,505.0	449.5	863.4	391.5	391.2	203.4	139.5	39.7	26.7	0.0	0.0	0.0	0.0
Black walnut	648.8	36.8	0.0	40.2	105.4	173.8	159.1	23.2	20.1	0.0	33.8	0.0	56.5
Sweetgum	77,137.3	5,312.7	8,864.2	9,167.7	10,792.4	10,623.2	7,890.5	8,115.5	5,125.5	3,364.7	2,870.7	4,079.6	930.4
Osage-orange	561.6	45.3	193.4	72.6	92.3	37.2	33.7	21.8	43.0	22.3	0.0	0.0	0.0
Cucumbertree	41.9	3.4	13.5	8.2	0.0	16.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Southern magnolia	1,192.9	65.9	16.5	85.6	42.4	62.2	102.8	189.2	119.2	297.8	45.7	115.8	49.7
Sweetbay	2,343.1	241.4	611.0	226.5	240.7	500.9	227.0	91.7	49.9	40.4	51.4	62.3	0.0
Chinaberry	142.4	5.9	0.0	8.5	19.5	0.0	0.0	18.8	0.0	0.0	0.0	0.0	89.7
White mulberry	6.3	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red mulberry	549.6	98.4	142.5	101.2	61.4	54.5	46.2	33.1	0.0	0.0	12.3	0.0	0.0
Water tupelo	3,340.1	18.1	218.5	217.0	219.8	293.0	403.5	390.5	580.8	350.5	238.2	380.3	29.8

Table 29.—*Wood and bark dry weight of live trees on timberland by species and diameter class, east Texas, 1992**—*Continued*

Species common name†	All classes	Diameter class (*Inches at breast height*) 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
	Million pounds												
Blackgum	17,450.0	857.5	1,638.9	1,980.7	2,360.1	2,008.5	1,695.8	1,753.4	1,472.7	1,266.3	655.7	1,388.4	372.0
Swamp tupelo	26.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.5	0.0
Ironwood	5,102.9	1,036.0	1,937.6	1,271.5	533.3	211.5	57.7	55.3	0.0	0.0	0.0	0.0	0.0
Sourwood	18.5	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Redbay	750.1	333.0	322.7	65.0	5.2	14.5	0.0	0.0	0.0	9.6	0.0	0.0	0.0
Water-elm	820.9	56.9	317.2	88.6	108.4	63.2	55.3	44.9	0.0	28.0	19.7	38.8	0.0
American sycamore	1,173.1	19.2	134.8	97.1	51.6	79.5	62.7	135.2	79.5	77.2	32.9	297.9	105.5
Eastern cottonwood	1,599.4	10.4	0.0	39.1	0.0	69.5	151.7	110.3	158.5	169.4	287.0	448.2	155.2
Black cherry	1,250.2	217.5	322.1	139.0	198.9	238.9	58.1	40.9	0.0	34.8	0.0	0.0	0.0
Plums§	596.8	222.1	293.7	43.9	37.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White oak	24,329.0	763.3	1,185.3	1,298.7	1,975.3	2,473.1	2,218.2	2,583.4	2,239.9	3,190.6	1,886.1	3,657.8	857.1
Swamp white oak	34.2	0.0	0.0	0.0	0.0	34.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet oak	20.5	0.0	0.0	0.0	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Durand oak	24.3	0.0	0.0	0.0	0.0	0.0	0.0	24.3	0.0	0.0	0.0	0.0	0.0
Southern red oak	47,991.6	1,301.3	1,856.1	2,278.7	3,573.4	4,957.8	5,678.6	5,016.5	5,757.3	4,569.2	3,107.9	7,463.7	2,431.2
Cherrybark oak	21,241.2	323.6	695.0	637.5	1,161.1	1,226.5	1,717.4	1,828.9	1,994.1	1,467.1	1,976.4	5,592.6	2,621.1
Bluejack oak	1,645.6	134.6	502.9	192.9	197.3	174.8	129.1	132.9	161.5	19.6	0.0	0.0	0.0
Turkey oak	41.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.3	0.0	0.0	0.0
Laurel oak	11,113.2	546.0	658.6	731.2	570.5	859.9	897.3	1,329.9	1,290.6	859.2	937.4	1,647.9	784.7
Overcup oak	12,415.8	60.2	262.3	500.5	650.8	975.4	944.9	1,407.3	1,385.4	1,389.8	1,052.5	2,763.5	1,023.2
Bur oak	25.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.8	0.0	0.0
Blackjack oak	5,424.5	429.4	505.0	539.7	647.2	626.6	630.8	637.7	426.5	583.1	152.4	211.7	34.3
Swamp chestnut oak	4,511.4	34.5	29.1	70.6	126.2	159.3	149.9	209.5	307.3	420.7	535.4	1,724.8	744.0
Chinkapin oak	62.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.7	0.0
Water oak	65,108.2	2,798.9	3,346.3	3,335.9	4,004.4	5,890.2	6,318.5	5,604.8	6,027.9	5,924.0	5,678.2	11,984.0	4,195.0
Nuttall oak	1,329.5	20.3	0.0	18.2	85.2	85.0	102.1	46.1	127.4	36.9	153.8	654.5	0.0
Willow oak	25,195.8	878.0	1,038.5	1,135.4	1,185.6	2,112.8	2,363.7	2,799.9	2,673.2	2,156.0	2,070.6	4,938.9	1,843.2
Chestnut oak	32.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.2	0.0	0.0	0.0
Shumard oak	1,982.0	117.6	210.2	113.6	25.7	79.4	116.9	162.7	77.3	100.4	184.0	579.3	214.9
Post oak	63,420.7	1,705.7	2,967.1	5,390.8	7,576.9	9,173.8	8,700.8	6,775.2	5,698.9	4,993.0	3,548.8	5,723.9	1,165.8
Black oak	3,662.8	72.8	223.0	142.1	345.1	502.4	325.8	285.9	535.4	363.4	275.7	468.2	123.0
Live oak	121.8	0.0	0.0	0.0	0.0	0.0	0.0	54.1	67.7	0.0	0.0	0.0	0.0
Black locust	200.3	97.8	62.1	16.5	23.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black willow	1,848.3	78.3	233.2	184.6	322.1	294.2	145.9	75.6	206.9	51.9	58.2	122.0	75.4
Chinese tallowtree	3,408.0	717.3	1,123.4	637.3	654.8	179.2	81.0	15.1	0.0	0.0	0.0	0.0	0.0
Sassafras	1,745.2	631.7	475.8	326.6	166.6	25.2	50.6	0.0	40.1	0.0	0.0	28.7	0.0
American basswood	300.1	30.3	84.5	11.9	0.0	26.0	27.3	32.4	0.0	32.1	41.0	14.6	0.0
White basswood	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Winged elm	16,214.3	2,810.5	3,567.8	2,638.7	2,292.8	1,804.4	1,023.2	976.5	400.5	282.9	123.5	245.8	47.7
American elm	5,220.4	274.4	481.4	542.5	460.0	581.4	347.3	675.2	320.4	492.7	225.0	589.3	231.0
Cedar elm	4,116.8	118.4	336.4	341.3	692.5	462.6	573.2	661.9	427.2	285.9	52.5	92.5	72.5
Slippery elm	2,340.7	314.2	324.7	387.4	197.0	266.4	190.2	71.7	151.6	111.8	124.1	78.2	123.4
Tree sparkleberry	364.1	194.6	155.1	0.0	0.0	0.0	0.0	14.3	0.0	0.0	0.0	0.0	0.0
Other species¶	216.1	0.0	0.0	101.6	49.0	47.4	0.0	18.2	0.0	0.0	0.0	0.0	0.0
All species	909,116.7	39,633.6	73,161.0	79,379.3	97,611.7	100,604.5	97,670.9	95,598.5	87,254.6	71,081.5	51,815.3	91,195.8	24,110.0

*Numbers in columns and rows may not total due to rounding.
†Alphabetized by genus; see species list, appendix 2.
‡Unidentified hickories.
§Includes cherries (except black cherry).
¶Other species include noncommercial and unidentified species.

Table 30.—*Wood and bark dry weight of stems in live trees on timberland by species and diameter class, east Texas, 1992*[*]

Species common name[†]	All classes	Diameter class (*Inches at breast height*) 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
	Million pounds												
Eastern redcedar	3,119.7	202.3	433.0	370.3	346.9	557.3	374.3	396.9	143.1	163.8	60.8	53.4	17.5
Shortleaf pine	71,603.1	431.8	2,301.0	3,134.2	6,613.0	9,047.5	13,196.8	12,781.4	10,881.0	6,984.0	3,568.5	2,509.7	154.1
Slash pine	10,671.3	210.3	1,053.2	1,075.8	2,033.9	2,476.5	1,673.6	1,042.8	364.4	279.5	238.5	222.9	0.0
Longleaf pine	4,612.2	32.5	117.9	332.6	749.2	432.3	628.3	724.6	568.0	639.3	156.2	231.4	0.0
Loblolly pine	228,249.6	5,954.7	18,892.9	18,093.2	28,208.6	24,703.1	24,044.8	24,189.1	24,450.1	19,675.8	14,209.9	22,413.4	3,414.2
Baldcypress	4,307.5	0.0	15.2	227.0	441.0	466.3	470.3	554.4	452.8	518.5	358.9	642.9	160.3
Florida maple	567.9	54.8	91.1	38.8	101.6	60.5	86.7	37.2	32.6	64.6	0.0	0.0	0.0
Boxelder	522.3	56.7	146.6	85.9	49.8	95.3	15.7	0.0	58.4	14.0	0.0	0.0	0.0
Red maple	6,035.0	841.2	1,075.9	1,028.3	1,024.1	952.7	354.5	275.4	93.8	162.8	76.8	115.9	33.6
Silver maple	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	0.0	0.0	0.0	0.0
Sugar maple	93.3	29.2	0.0	14.2	0.0	0.0	49.9	0.0	0.0	0.0	0.0	0.0	0.0
River birch	2,515.6	52.5	312.4	245.0	311.2	302.0	231.8	239.1	193.7	210.8	147.8	224.9	44.4
Bumelia	272.5	50.7	110.8	43.2	9.7	26.9	0.0	14.2	0.0	0.0	17.0	0.0	0.0
Bluebeech, American hornbeam	4,752.4	1,006.4	1,719.8	769.7	721.7	363.7	132.8	16.2	0.0	22.1	0.0	0.0	0.0
Hickories[‡]	2,621.0	221.1	245.6	197.1	218.4	360.9	332.8	295.0	317.7	215.1	95.6	94.8	26.8
Water hickory	3,309.6	101.4	282.4	205.4	398.9	391.1	386.2	425.3	291.5	190.9	168.2	271.6	196.6
Bitternut hickory	831.6	42.2	123.6	150.9	112.1	103.9	114.8	46.4	79.7	18.0	40.2	0.0	0.0
Pignut hickory	316.8	0.0	45.2	16.2	51.1	64.4	0.0	52.5	36.1	14.0	15.2	22.3	0.0
Pecan	812.2	60.9	0.0	96.7	82.9	86.3	83.6	43.5	27.2	86.0	49.2	196.0	0.0
Shellbark hickory	159.0	0.0	0.0	0.0	12.9	53.6	19.6	0.0	34.8	0.0	0.0	38.2	0.0
Shagbark hickory	140.6	0.0	0.0	0.0	0.0	53.4	0.0	18.9	0.0	0.0	31.2	37.1	0.0
Black hickory	5,001.1	265.4	633.3	311.0	588.2	1,026.5	629.2	543.6	442.4	284.3	127.5	149.7	0.0
Mockernut hickory	5,145.7	303.2	655.4	400.6	519.5	765.7	900.4	555.9	519.7	173.4	212.8	139.2	0.0
Chinkapin	44.4	31.6	0.0	0.0	0.0	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allegheny chinkapin	8.1	0.0	0.0	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catalpa	33.8	0.0	0.0	0.0	0.0	0.0	15.2	0.0	0.0	0.0	0.0	18.6	0.0
Sugarberry	7,641.6	513.3	1,260.2	636.8	1,031.4	877.3	637.9	632.5	713.5	585.4	352.5	335.3	65.6
Hackberry	114.6	54.6	50.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern redbud	364.4	95.3	179.3	44.4	23.3	15.2	0.0	7.0	0.0	0.0	0.0	0.0	0.0
Flowering dogwood	3,386.6	1,429.1	1,652.8	219.8	70.2	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hawthorn	2,076.3	1,263.9	644.1	116.8	20.5	25.1	5.9	0.0	0.0	0.0	0.0	0.0	0.0
Common persimmon	1,083.5	264.3	503.6	89.6	81.0	64.8	58.8	21.5	0.0	0.0	0.0	0.0	0.0
American beech	3,129.7	68.1	104.1	53.5	165.1	178.5	365.1	338.0	516.9	391.8	300.0	557.1	91.5
White ash	3,894.1	389.7	785.7	229.2	280.6	352.5	378.1	483.1	372.9	300.4	181.7	124.4	15.6
Green ash	9,342.6	785.7	755.8	895.6	1,006.3	1,151.6	925.9	1,279.5	805.9	601.5	418.4	481.3	235.3
Waterlocust	637.0	99.9	101.3	10.6	152.6	75.2	74.1	50.0	16.2	0.0	0.0	57.2	0.0
Honeylocust	1,021.3	66.4	184.8	41.2	156.1	118.5	106.9	104.1	74.2	82.4	54.6	32.1	0.0
American holly	2,109.7	413.6	794.3	248.7	310.8	170.9	116.6	33.1	21.8	0.0	0.0	0.0	0.0
Black walnut	476.5	33.8	0.0	24.2	79.9	135.6	118.5	17.5	14.4	0.0	22.3	0.0	30.3
Sweetgum	63,378.0	4,887.7	8,155.1	6,024.6	8,894.1	9,286.3	6,869.6	6,793.7	4,143.1	2,631.9	2,172.1	2,913.8	606.1
Osage-orange	447.1	41.7	177.9	43.9	68.9	29.0	25.1	16.2	29.3	15.2	0.0	0.0	0.0
Cucumbertree	34.3	3.1	12.4	4.3	0.0	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Southern magnolia	945.2	60.7	15.2	56.4	33.5	52.6	86.8	153.4	95.1	235.7	35.1	87.3	33.3
Sweetbay	1,968.9	222.1	562.1	150.3	190.2	421.3	189.2	73.5	40.5	31.6	40.6	47.5	0.0
Chinaberry	103.5	5.4	0.0	4.6	15.9	0.0	0.0	15.7	0.0	0.0	0.0	0.0	61.8
White mulberry	5.8	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red mulberry	457.2	90.6	131.1	66.9	49.4	45.1	38.8	26.5	0.0	0.0	9.0	0.0	0.0
Water tupelo	2,626.0	16.7	201.1	144.2	176.0	244.1	335.1	316.6	461.5	270.2	174.2	268.8	17.7

Table 30.—*Wood and bark dry weight of stems in live trees on timberland by species and diameter class, east Texas, 1992**—*Continued*

Species common name†	All classes	Diameter class (*Inches at breast height*) 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
	Million pounds												
Blackgum	13,178.6	788.9	1,507.8	1,098.4	1,605.8	1,519.0	1,328.6	1,371.0	1,148.7	983.1	508.2	1,058.8	260.3
Swamp tupelo	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.5	0.0
Ironwood	4,153.1	953.1	1,782.6	777.6	390.3	163.9	44.3	41.2	0.0	0.0	0.0	0.0	0.0
Sourwood	17.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Redbay	670.4	306.4	296.9	43.1	4.3	12.2	0.0	0.0	0.0	7.5	0.0	0.0	0.0
Water-elm	689.3	52.3	291.8	54.2	87.2	53.2	46.8	37.1	0.0	22.5	15.4	28.8	0.0
American sycamore	977.8	17.7	124.0	63.7	40.2	63.0	50.0	110.0	65.6	64.6	28.3	256.9	93.9
Eastern cottonwood	1,243.4	9.6	0.0	20.2	0.0	59.2	128.6	92.5	129.8	135.6	226.1	342.8	99.1
Black cherry	1,009.0	200.1	296.4	85.1	144.2	185.2	43.9	30.5	0.0	23.7	0.0	0.0	0.0
Plums§	525.3	204.3	270.2	24.2	26.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White oak	17,092.1	702.3	1,090.5	786.6	1,421.7	1,887.1	1,681.6	1,874.9	1,561.5	2,151.2	1,219.4	2,248.2	467.3
Swamp white oak	26.4	0.0	0.0	0.0	0.0	26.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet oak	15.2	0.0	0.0	0.0	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Durand oak	17.9	0.0	0.0	0.0	0.0	0.0	0.0	17.9	0.0	0.0	0.0	0.0	0.0
Southern red oak	33,931.3	1,197.2	1,707.6	1,416.9	2,790.8	4,093.6	4,570.7	3,770.4	4,053.7	3,045.9	1,963.1	4,231.4	1,090.0
Cherrybark oak	14,043.5	297.7	639.4	390.4	907.9	1,014.1	1,388.1	1,373.4	1,401.7	976.2	1,251.9	3,175.5	1,227.1
Bluejack oak	1,341.4	123.9	462.6	121.0	154.2	145.1	104.7	101.8	114.9	13.3	0.0	0.0	0.0
Turkey oak	28.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.8	0.0	0.0	0.0
Laurel oak	7,603.1	502.3	605.9	481.5	435.8	674.9	684.4	959.4	862.8	539.7	573.6	927.6	355.1
Overcup oak	8,306.4	55.4	241.3	296.9	471.0	746.0	716.1	1,022.0	965.3	935.5	682.6	1,679.0	495.4
Bur oak	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.8	0.0	0.0
Blackjack oak	4,510.0	395.1	464.6	388.5	545.2	545.0	543.3	530.2	343.4	457.1	117.1	157.0	23.6
Swamp chestnut oak	3,337.5	31.8	26.8	52.9	104.6	137.8	129.0	172.7	245.5	327.1	404.9	1,228.7	475.6
Chinkapin oak	39.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.1	0.0
Water oak	47,248.3	2,575.0	3,078.6	2,108.5	3,051.2	4,689.1	4,965.2	4,249.9	4,389.1	4,172.1	3,866.5	7,695.7	2,407.4
Nuttall oak	917.4	18.7	0.0	12.0	65.7	68.0	79.5	35.2	93.3	25.9	105.8	413.2	0.0
Willow oak	18,078.0	807.7	955.5	720.8	909.5	1,679.3	1,859.4	2,114.9	1,947.6	1,515.3	1,398.0	3,126.8	1,043.2
Chestnut oak	24.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.8	0.0	0.0	0.0
Shumard oak	1,471.4	108.1	193.4	75.2	19.3	61.4	92.6	124.1	58.9	74.7	134.2	401.3	128.1
Post oak	44,495.5	1,569.3	2,729.8	3,177.0	5,285.5	6,688.8	6,332.1	4,806.1	3,937.9	3,368.4	2,332.4	3,603.0	665.2
Black oak	2,744.1	67.0	205.2	88.6	272.9	424.6	271.9	223.1	394.1	255.6	182.8	291.5	66.9
Live oak	84.8	0.0	0.0	0.0	0.0	0.0	0.0	39.1	45.7	0.0	0.0	0.0	0.0
Black locust	175.3	90.0	57.2	10.6	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black willow	1,498.6	72.0	214.6	123.5	256.5	249.1	122.3	63.0	168.9	41.3	43.1	90.7	53.7
Chinese tallowtree	2,831.5	660.4	1,033.5	406.4	506.9	143.8	67.8	12.8	0.0	0.0	0.0	0.0	0.0
Sassafras	1,471.2	581.2	437.7	205.8	128.7	20.4	42.8	0.0	32.5	0.0	0.0	22.1	0.0
American basswood	243.9	27.9	77.7	7.7	0.0	19.1	22.2	25.5	0.0	22.3	30.9	10.7	0.0
White basswood	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Winged elm	13,478.1	2,585.6	3,282.4	1,714.7	1,832.8	1,522.4	867.8	809.2	324.9	225.2	95.3	182.8	35.0
American elm	4,192.5	252.5	442.8	352.7	366.5	491.5	294.7	561.1	260.7	394.6	173.9	445.9	155.6
Cedar elm	3,364.4	108.9	309.5	222.4	559.4	391.0	484.9	550.5	346.6	228.2	41.3	68.7	53.1
Slippery elm	1,906.0	289.1	298.7	257.7	156.3	225.7	161.6	59.7	123.9	89.8	97.3	60.7	85.7
Tree sparkleberry	333.7	179.1	142.7	0.0	0.0	0.0	0.0	11.9	0.0	0.0	0.0	0.0	0.0
Other species¶	161.6	0.0	0.0	67.3	39.2	40.1	0.0	15.0	0.0	0.0	0.0	0.0	0.0
All species	718,509.6	36,608.8	67,793.6	51,611.7	78,013.7	83,715.1	81,198.2	77,820.0	69,318.0	55,012.0	38,840.5	64,092.1	14,486.0

*Numbers in columns and rows may not total due to rounding.
†Alphabetized by genus; see species list, appendix 2.
‡Unidentified hickories.
§Includes cherries (except black cherry).
¶Other species include noncommercial and unidentified species.

Table 31.—*Wood and bark dry weight of crowns in live trees on timberland by species and diameter class, east Texas, 1992*

Species common name[†]	All classes	Diameter class (*Inches at breast height*) 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
	Million pounds												
Eastern redcedar	484.2	12.9	27.6	149.7	52.8	63.2	45.9	55.7	22.1	28.2	11.0	10.7	4.2
Shortleaf pine	10,493.3	27.6	146.9	1,230.1	917.2	986.5	1,575.7	1,711.6	1,613.0	1,133.4	628.0	486.3	37.0
Slash pine	1,909.5	13.4	67.2	495.9	354.1	343.5	248.2	169.5	64.6	53.9	49.6	49.6	0.0
Longleaf pine	1,024.4	2.1	7.5	147.6	150.9	73.1	115.8	146.8	125.3	151.3	39.9	64.2	0.0
Loblolly pine	42,526.5	380.1	1,205.9	8,820.3	5,635.2	3,755.2	3,649.8	3,832.0	4,075.9	3,438.8	2,590.7	4,394.8	747.8
Baldcypress	561.0	0.0	1.0	73.5	56.3	39.3	39.7	51.7	48.5	62.3	48.7	103.0	37.2
Florida maple	169.1	4.8	7.9	22.6	35.3	20.3	28.5	13.3	12.7	23.7	0.0	0.0	0.0
Boxelder	142.5	4.9	12.7	49.3	16.4	30.8	5.1	0.0	19.2	4.0	0.0	0.0	0.0
Red maple	1,809.8	73.1	93.6	559.4	358.7	327.3	125.2	95.3	34.7	62.7	27.4	42.0	10.3
Silver maple	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0
Sugar maple	23.8	2.5	0.0	6.8	0.0	0.0	14.5	0.0	0.0	0.0	0.0	0.0	0.0
River birch	1,019.2	4.6	27.2	171.0	140.9	121.9	90.4	95.5	82.0	88.7	68.8	106.6	21.7
Bumelia	52.4	4.4	9.6	24.0	2.1	4.8	0.0	3.0	0.0	0.0	4.5	0.0	0.0
Bluebeech, American hornbeam	1,042.8	87.4	149.5	457.0	220.6	84.4	32.1	4.8	0.0	6.9	0.0	0.0	0.0
Hickories[‡]	797.3	19.2	21.4	109.8	64.3	83.6	83.9	85.0	107.8	89.0	52.8	54.1	26.4
Water hickory	1,152.7	8.8	24.6	158.6	117.9	89.0	93.9	128.0	108.4	73.8	73.9	146.8	129.2
Bitternut hickory	284.4	3.7	10.7	97.4	40.1	31.5	31.2	13.2	28.3	4.4	24.0	0.0	0.0
Pignut hickory	122.1	0.0	3.9	7.3	21.0	24.5	0.0	18.7	11.3	8.9	7.6	18.8	0.0
Pecan	306.8	5.3	0.0	53.1	23.4	20.2	20.6	11.8	9.1	34.2	20.6	108.5	0.0
Shellbark hickory	62.6	0.0	0.0	0.0	5.0	19.7	8.5	0.0	15.0	0.0	0.0	14.4	0.0
Shagbark hickory	53.9	0.0	0.0	0.0	0.0	19.0	0.0	6.7	0.0	0.0	10.3	17.9	0.0
Black hickory	1,357.5	23.1	55.1	189.6	172.7	255.2	160.9	153.5	141.3	90.3	44.9	71.0	0.0
Mockernut hickory	1,446.1	26.4	57.0	230.1	141.5	198.1	225.1	152.1	168.2	76.4	97.9	73.5	0.0
Chinkapin	4.8	2.7	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allegheny chinkapin	4.1	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catalpa	9.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	6.4	0.0
Sugarberry	2,647.7	44.6	109.6	376.0	382.3	250.5	193.3	225.8	299.6	284.8	195.9	221.9	63.4
Hackberry	19.1	4.7	4.3	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern redbud	61.6	8.3	15.6	27.2	6.4	2.6	0.0	1.5	0.0	0.0	0.0	0.0	0.0
Flowering dogwood	452.4	124.3	143.7	153.3	26.7	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hawthorn	272.6	109.9	56.0	90.6	6.8	7.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0
Common persimmon	205.1	23.0	43.8	63.3	30.1	20.0	16.7	8.1	0.0	0.0	0.0	0.0	0.0
American beech	1,493.6	5.9	9.1	29.6	55.0	50.7	113.2	127.9	222.8	191.6	173.9	427.8	86.1
White ash	1,351.4	33.9	68.3	145.1	133.8	158.0	168.5	207.5	165.1	127.6	81.6	55.8	6.4
Green ash	3,820.5	68.3	65.7	586.0	488.9	517.7	413.7	553.8	351.8	263.8	186.8	215.7	108.3
Waterlocust	177.7	8.7	8.8	5.0	52.8	21.3	23.4	17.8	6.4	0.0	0.0	33.6	0.0
Honeylocust	336.9	5.8	16.1	26.5	57.1	34.4	32.7	36.9	29.2	39.3	38.2	20.8	0.0
American holly	395.3	36.0	69.1	142.9	80.3	32.5	22.9	6.6	5.0	0.0	0.0	0.0	0.0
Black walnut	172.3	2.9	0.0	15.9	25.5	38.2	40.7	5.7	5.7	0.0	11.5	0.0	26.2
Sweetgum	13,759.3	425.0	709.1	3,143.1	1,898.3	1,336.9	1,020.9	1,321.8	982.4	732.9	698.7	1,165.8	324.3
Osage-orange	114.4	3.6	15.5	28.7	23.4	8.3	8.5	5.6	13.7	7.1	0.0	0.0	0.0
Cucumbertree	7.6	0.3	1.1	4.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Southern magnolia	247.7	5.3	1.3	29.3	8.9	9.6	15.9	35.8	24.1	62.1	10.6	28.5	16.4
Sweetbay	374.2	19.3	48.9	76.3	50.4	79.6	37.8	18.2	9.4	8.8	10.8	14.8	0.0
Chinaberry	38.9	0.5	0.0	3.9	3.6	0.0	0.0	3.1	0.0	0.0	0.0	0.0	27.9
White mulberry	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red mulberry	92.4	7.9	11.4	34.3	12.0	9.4	7.4	6.6	0.0	0.0	3.3	0.0	0.0
Water tupelo	714.1	1.4	17.5	72.9	43.8	48.9	68.4	73.9	119.3	80.4	64.0	111.5	12.1

Table 31.—*Wood and bark dry weight of crowns in live trees on timberland by species and diameter class, east Texas, 1992**—*Continued*

Species common name†	All classes	Diameter class (*Inches at breast height*) 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
	Million pounds												
Blackgum	4,271.4	68.6	131.1	882.2	754.2	489.6	367.2	382.5	324.1	283.2	147.5	329.5	111.7
Swamp tupelo	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0
Ironwood	949.8	82.9	155.0	493.9	142.9	47.7	13.4	14.1	0.0	0.0	0.0	0.0	0.0
Sourwood	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Redbay	79.7	26.6	25.8	21.9	1.0	2.3	0.0	0.0	0.0	2.1	0.0	0.0	0.0
Water-elm	131.7	4.5	25.4	34.4	21.2	10.0	8.5	7.8	0.0	5.6	4.3	10.0	0.0
American sycamore	195.3	1.5	10.8	33.4	11.4	16.5	12.8	25.2	13.9	12.6	4.5	41.1	11.5
Eastern cottonwood	356.0	0.8	0.0	18.9	0.0	10.3	23.1	17.9	28.7	33.8	61.0	105.4	56.1
Black cherry	241.2	17.4	25.8	54.0	54.7	53.7	14.1	10.3	0.0	11.1	0.0	0.0	0.0
Plums§	71.4	17.8	23.5	19.7	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White oak	7,236.9	61.1	94.8	512.1	553.6	586.0	536.5	708.6	678.4	1,039.5	666.8	1,409.7	389.9
Swamp white oak	7.8	0.0	0.0	0.0	0.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Scarlet oak	5.3	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Durand oak	6.4	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0	0.0
Southern red oak	14,060.3	104.1	148.5	861.7	782.7	864.2	1,107.9	1,246.0	1,703.6	1,523.3	1,144.8	3,232.3	1,341.3
Cherrybark oak	7,197.7	25.9	55.6	247.1	253.2	212.4	329.3	455.4	592.3	490.9	724.5	2,417.1	1,393.9
Bluejack oak	304.2	10.8	40.2	71.9	43.1	29.7	24.4	31.2	46.6	6.3	0.0	0.0	0.0
Turkey oak	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5	0.0	0.0	0.0
Laurel oak	3,510.2	43.7	52.7	249.7	134.7	185.0	213.0	370.5	427.8	319.6	363.7	720.3	429.6
Overcup oak	4,109.4	4.8	21.0	203.7	179.8	229.4	228.8	385.3	420.1	454.3	370.0	1,084.4	527.8
Bur oak	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0
Blackjack oak	914.4	34.4	40.4	151.2	102.0	81.6	87.6	107.5	83.1	126.0	35.4	54.7	10.7
Swamp chestnut oak	1,173.8	2.8	2.3	17.7	21.6	21.4	20.8	36.8	61.7	93.6	130.4	496.2	268.5
Chinkapin oak	23.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.6	0.0
Water oak	17,859.9	223.9	267.7	1,227.4	953.2	1,201.1	1,353.3	1,354.9	1,638.8	1,751.9	1,811.8	4,288.2	1,787.6
Nuttall oak	412.2	1.6	0.0	6.2	19.5	16.9	22.7	10.8	34.1	10.9	48.0	241.3	0.0
Willow oak	7,117.8	70.2	83.1	414.6	276.1	433.4	504.4	685.0	725.6	640.6	672.6	1,812.1	800.0
Chestnut oak	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0
Shumard oak	510.6	9.4	16.8	38.4	6.4	18.1	24.2	38.6	18.4	25.7	49.8	177.9	86.8
Post oak	18,925.2	136.5	237.4	2,213.8	2,291.4	2,485.0	2,368.6	1,969.1	1,761.0	1,624.6	1,216.4	2,120.8	500.6
Black oak	918.7	5.8	17.8	53.5	72.1	77.8	54.0	62.7	141.4	107.8	92.9	176.8	56.1
Live oak	37.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	22.0	0.0	0.0	0.0	0.0
Black locust	25.0	7.8	5.0	5.9	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black willow	349.6	6.3	18.7	61.1	65.7	45.1	23.6	12.6	38.0	10.6	15.1	31.3	21.7
Chinese tallowtree	576.5	56.9	89.9	230.9	147.9	35.4	13.2	2.3	0.0	0.0	0.0	0.0	0.0
Sassafras	274.0	50.5	38.1	120.7	37.9	4.8	7.8	0.0	7.6	0.0	0.0	6.6	0.0
American basswood	56.1	2.4	6.8	4.2	0.0	6.9	5.2	6.9	0.0	9.8	10.1	4.0	0.0
White basswood	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Winged elm	2,736.2	224.8	285.4	924.0	460.1	282.0	155.4	167.3	75.6	57.7	28.2	63.0	12.7
American elm	1,027.9	22.0	38.5	189.8	93.5	89.9	52.6	114.1	59.6	98.1	51.1	143.4	75.4
Cedar elm	752.4	9.5	26.9	118.9	133.1	71.6	88.3	111.4	80.6	57.7	11.2	23.8	19.5
Slippery elm	434.7	25.1	26.0	129.7	40.7	40.7	28.6	12.0	27.7	22.1	26.8	17.5	37.8
Tree sparkleberry	30.3	15.6	12.4	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0
Other species¶	54.5	0.0	0.0	34.3	9.7	7.3	0.0	3.2	0.0	0.0	0.0	0.0	0.0
All species	190,607.1	3,024.8	5,367.5	27,767.6	19,598.0	16,889.4	16,472.8	17,778.4	17,936.6	16,069.4	12,974.8	27,103.7	9,624.0

*Numbers in columns and rows may not total due to rounding.
†Alphabetized by genus; see species list, appendix 2.
‡Unidentified hickories.
§Includes cherries (except black cherry).
¶Other species include noncommercial and unidentified species.

Table 32.—*Wood and bark fresh weight of live trees on timberland by county and diameter class, east Texas, 1992*[*]

County	All classes		Diameter class (*Inches at breast height*) 1.0–4.9		5.0–9.9		10.0–14.9		≥15.0	
	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]
	Million pounds									
Anderson	14,993.7	39,347.5	1,375.1	3,811.3	3,585.3	7,760.1	4,603.6	9,908.4	5,429.7	17,867.7
Angelina	42,828.6	19,762.2	3,588.9	2,224.6	10,154.1	5,395.5	12,267.5	5,029.6	16,818.1	7,112.6
Bowie	10,564.4	26,391.3	1,240.9	2,886.8	2,575.5	5,470.7	2,332.9	6,387.8	4,415.1	11,646.0
Camp	1,785.2	3,328.1	124.3	995.4	64.8	676.2	823.6	778.9	772.5	877.5
Cass	20,315.4	48,455.7	1,470.3	6,582.4	6,205.7	10,836.1	7,519.4	12,409.3	5,120.0	18,627.8
Chambers	597.5	1,248.8	0.0	554.8	43.5	235.7	472.3	75.7	81.7	382.5
Cherokee	23,861.3	36,774.3	2,489.2	5,815.4	6,652.6	10,799.2	8,170.7	9,234.4	6,548.8	10,925.3
Franklin	1,318.7	5,447.3	354.0	672.0	318.1	1,121.3	437.5	1,488.8	209.1	2,165.2
Gregg	3,142.8	8,556.4	250.3	659.8	776.0	1,636.8	951.3	1,347.5	1,165.2	4,912.2
Grimes	5,163.2	11,173.3	541.2	1,123.9	1,178.3	2,344.9	2,084.5	2,984.5	1,359.2	4,720.0
Hardin	21,257.2	25,187.4	3,628.2	4,794.4	10,187.3	6,105.8	4,596.6	4,720.6	2,845.2	9,566.6
Harris	14,278.8	15,075.1	572.6	3,051.1	1,970.6	3,686.1	5,255.5	2,486.7	6,480.1	5,851.0
Harrison	28,792.0	35,768.4	2,518.4	6,692.5	8,455.5	8,852.5	10,479.4	8,726.0	7,338.7	11,497.4
Henderson	4,757.5	16,377.9	465.8	2,632.5	1,276.1	4,156.0	1,518.9	4,394.1	1,496.6	5,195.3
Houston	31,708.7	31,316.9	1,731.4	4,451.1	6,198.2	8,259.2	8,157.9	7,388.9	15,621.3	11,217.8
Jasper	36,728.7	43,601.5	1,501.4	4,975.1	8,253.8	9,498.3	11,657.7	9,710.3	15,315.8	19,417.8
Jefferson	1,272.6	8,566.6	16.7	1,418.7	80.7	2,831.3	454.4	1,734.3	720.7	2,582.2
Leon	2,105.6	33,484.4	40.4	3,750.3	346.1	9,708.6	784.0	10,018.4	935.1	10,007.1
Liberty	10,820.9	42,089.9	576.1	5,132.2	2,105.8	9,455.0	3,506.1	10,357.1	4,632.8	17,145.6
Madison	1,366.8	7,759.2	28.1	536.2	253.8	1,822.1	479.5	2,359.7	605.3	3,041.3
Marion	13,863.0	17,887.7	595.1	2,942.5	2,467.5	6,258.3	4,784.5	4,703.6	6,016.0	3,983.3
Montgomery	46,334.7	36,175.7	2,090.7	6,030.2	8,079.0	9,284.1	14,459.3	8,889.0	21,705.6	11,972.4
Morris	4,419.1	9,046.3	688.8	1,649.2	1,259.6	1,745.7	1,142.3	2,232.1	1,328.3	3,419.2
Nacogdoches	31,118.3	34,370.0	2,075.0	5,788.8	7,769.7	8,458.1	12,223.8	9,903.5	9,049.8	10,219.6
Newton	36,997.2	35,492.2	4,401.9	6,667.7	14,022.6	8,100.5	9,710.9	7,807.0	8,861.8	12,917.1
Orange	6,568.8	11,870.3	134.7	1,292.0	1,162.6	2,797.7	1,659.0	2,494.3	3,612.5	5,286.3
Panola	26,890.1	30,364.5	1,163.2	5,663.1	7,137.7	6,889.0	7,159.3	6,347.8	11,429.9	11,464.7
Polk	41,923.2	29,043.0	5,810.3	5,330.0	18,560.6	7,014.5	8,564.1	6,322.4	8,988.1	10,376.2
Red River	5,642.0	32,718.1	539.2	3,794.5	1,579.6	7,972.7	1,735.6	9,877.1	1,787.6	11,073.7
Rusk	28,960.4	30,005.9	2,015.2	4,150.1	5,343.8	7,948.7	11,548.9	8,934.1	10,052.4	8,973.0
Sabine	30,438.4	17,927.7	1,231.0	3,711.4	6,518.4	4,004.0	8,406.9	4,098.7	14,282.1	6,113.6
San Augustine	24,072.0	18,659.9	2,295.9	3,616.7	9,443.0	4,977.5	6,391.2	4,464.0	5,942.0	5,601.8
San Jacinto	24,240.6	19,588.5	1,510.6	2,505.9	5,228.2	4,570.2	7,400.7	5,748.4	10,101.1	6,764.1
Shelby	25,861.5	36,529.9	1,660.2	5,647.2	5,868.3	8,697.3	7,185.2	8,111.1	11,147.8	14,074.3
Smith	11,516.6	22,571.4	767.8	3,432.1	3,429.0	5,500.5	4,402.3	5,999.4	2,917.5	7,639.3
Titus	2,443.1	11,132.1	248.8	1,422.7	1,111.4	2,324.3	655.6	3,040.4	427.2	4,344.7
Trinity	28,700.2	18,695.2	2,451.8	2,168.6	6,262.2	3,731.7	5,811.1	2,849.3	14,175.1	9,945.6
Tyler	28,061.0	32,776.9	4,041.9	6,160.9	9,357.3	6,564.7	7,216.9	7,037.6	7,444.9	13,013.8
Upshur	18,919.8	21,519.2	1,319.8	4,221.2	4,119.1	5,779.3	7,210.0	5,435.2	6,270.8	6,083.6
Van Zandt	1,161.8	14,493.6	84.7	1,562.9	245.6	3,625.0	344.2	3,384.7	487.3	5,920.9
Walker	31,636.5	19,168.9	2,160.5	3,156.5	7,636.0	5,425.8	8,980.6	4,564.0	12,859.5	6,022.5
Waller	6,411.1	6,410.0	293.2	737.0	883.5	2,008.0	2,635.6	1,550.6	2,598.7	2,114.4
Wood	10,530.0	19,728.3	851.3	2,787.7	2,236.6	5,277.7	4,265.6	5,823.3	3,176.5	5,839.5
All counties	764,368.8	985,887.4	60,944.9	147,199.6	200,403.0	239,606.9	230,447.0	241,158.5	272,573.9	357,922.4

[*]Numbers in columns and rows may not total due to rounding.
[†]Softwood species.
[‡]Hardwood species.

Table 33.—*Wood and bark fresh weight of stems in live trees on timberland by county and diameter class, east Texas, 1992*[*]

County	All classes		Diameter class (*Inches at breast height*) 1.0–4.9		5.0–9.9		10.0–14.9		≥15.0	
	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]
	Million pounds									
Anderson	12,690.8	28,793.2	1,232.5	3,188.3	2,854.9	5,625.7	4,015.3	7,800.6	4,588.0	12,178.5
Angelina	35,854.6	14,601.2	3,212.0	1,864.0	7,788.4	3,914.8	10,639.1	3,937.1	14,215.1	4,885.3
Bowie	8,817.8	19,545.9	1,110.5	2,440.2	1,935.7	3,979.6	2,025.8	5,024.3	3,745.7	8,101.8
Camp	1,538.0	2,579.4	110.9	834.3	57.9	500.1	721.4	637.6	647.8	607.4
Cass	17,182.1	36,218.2	1,316.8	5,572.7	4,927.9	7,912.2	6,563.0	9,946.0	4,374.4	12,787.4
Chambers	511.6	933.5	0.0	465.1	33.8	166.0	408.3	60.3	69.5	242.1
Cherokee	20,213.5	27,995.6	2,238.6	4,915.6	5,258.2	7,997.2	7,155.9	7,416.7	5,560.8	7,666.1
Franklin	1,113.7	4,124.4	317.4	555.4	233.3	831.4	383.7	1,231.6	179.4	1,506.1
Gregg	2,640.5	6,254.6	225.5	571.3	601.2	1,193.2	827.2	1,062.1	986.6	3,428.0
Grimes	4,350.1	8,172.0	484.2	941.3	898.7	1,691.2	1,815.6	2,313.1	1,151.7	3,226.4
Hardin	17,344.7	18,613.6	3,254.3	3,933.6	7,711.3	4,363.5	3,963.1	3,753.1	2,415.9	6,563.4
Harris	12,151.7	11,351.6	512.6	2,572.7	1,579.0	2,641.6	4,552.8	2,002.5	5,507.3	4,134.8
Harrison	24,363.2	27,085.3	2,258.7	5,689.2	6,676.7	6,475.1	9,173.5	7,092.2	6,254.3	7,828.7
Henderson	4,018.3	12,152.7	418.0	2,186.6	1,005.7	2,944.9	1,333.5	3,424.5	1,261.2	3,596.7
Houston	26,659.9	23,167.1	1,551.2	3,752.3	4,745.4	6,013.7	7,111.8	5,869.8	13,251.5	7,531.3
Jasper	30,767.6	31,985.5	1,345.7	4,170.7	6,454.7	6,865.5	10,058.8	7,709.3	12,908.4	13,239.9
Jefferson	1,106.1	6,413.9	15.0	1,227.6	68.9	2,017.1	409.0	1,389.5	613.2	1,779.7
Leon	1,786.7	24,649.1	36.3	3,064.0	274.2	6,909.6	678.2	7,769.6	798.0	6,905.9
Liberty	9,145.7	31,500.7	516.7	4,273.7	1,661.3	6,910.8	3,041.7	8,273.0	3,926.0	12,043.3
Madison	1,148.3	5,786.6	25.2	449.2	194.2	1,323.9	414.7	1,867.5	514.1	2,146.0
Marion	11,872.4	13,623.6	534.9	2,464.7	2,022.0	4,599.0	4,198.7	3,760.5	5,116.8	2,799.3
Montgomery	39,183.0	27,238.5	1,872.4	5,024.8	6,326.4	6,830.0	12,540.9	7,081.4	18,443.3	8,302.2
Morris	3,723.1	6,793.6	618.1	1,389.1	991.4	1,315.5	993.1	1,801.9	1,120.4	2,287.1
Nacogdoches	26,426.2	25,820.1	1,872.7	4,805.3	6,193.8	6,169.9	10,668.1	7,903.3	7,691.6	6,941.6
Newton	30,806.9	26,912.2	3,977.1	5,544.7	10,870.1	5,944.5	8,425.4	6,229.2	7,534.2	9,193.9
Orange	5,549.6	8,577.1	120.7	1,068.3	928.2	2,034.1	1,437.8	1,979.3	3,063.0	3,495.4
Panola	22,701.1	22,589.3	1,043.2	4,776.4	5,699.2	5,061.3	6,230.8	5,062.0	9,727.9	7,689.5
Polk	34,295.4	21,580.6	5,197.5	4,470.6	14,034.9	5,134.6	7,433.9	4,977.4	7,629.1	6,998.0
Red River	4,751.0	23,957.4	484.1	3,103.1	1,228.8	5,697.8	1,513.6	7,725.4	1,524.4	7,431.1
Rusk	24,786.2	22,727.5	1,808.6	3,587.4	4,328.2	5,717.0	10,075.8	7,200.3	8,573.6	6,222.8
Sabine	25,578.1	13,429.9	1,103.7	3,083.8	5,079.1	2,884.1	7,287.6	3,267.2	12,107.7	4,194.9
San Augustine	19,790.1	13,982.6	2,057.3	2,988.1	7,117.4	3,558.2	5,564.0	3,540.3	5,051.3	3,895.9
San Jacinto	20,444.9	14,899.8	1,352.7	2,090.4	4,070.8	3,340.2	6,423.6	4,638.5	8,597.8	4,830.8
Shelby	21,767.6	27,074.3	1,488.9	4,748.8	4,554.7	6,370.8	6,278.4	6,427.4	9,445.5	9,527.3
Smith	9,794.1	16,588.8	693.8	2,897.3	2,787.9	3,963.2	3,845.2	4,775.9	2,467.2	4,952.5
Titus	2,072.7	8,095.0	224.5	1,182.2	907.2	1,670.4	577.4	2,400.1	363.6	2,842.2
Trinity	23,995.8	13,409.3	2,194.4	1,853.3	4,755.5	2,721.1	5,053.3	2,298.2	11,992.6	6,536.7
Tyler	23,394.5	24,209.1	3,638.0	5,082.1	7,213.4	4,621.4	6,220.8	5,591.8	6,322.3	8,913.8
Upshur	16,154.8	16,571.5	1,185.1	3,573.3	3,313.9	4,330.0	6,298.1	4,433.9	5,357.7	4,234.3
Van Zandt	984.5	10,532.3	76.6	1,290.3	192.6	2,617.4	301.0	2,678.7	414.3	3,945.9
Walker	26,648.7	14,297.0	1,935.1	2,654.5	5,969.5	3,844.6	7,804.8	3,586.4	10,939.3	4,211.4
Waller	5,490.8	4,741.9	262.6	625.3	718.1	1,436.8	2,294.1	1,188.6	2,216.0	1,491.1
Wood	9,024.2	14,786.1	764.8	2,305.2	1,799.0	3,804.3	3,750.8	4,640.8	2,709.7	4,035.8
All counties	642,640.7	734,361.5	54,688.9	123,276.4	156,063.6	173,943.6	200,509.7	191,768.8	231,378.5	245,372.7

[*]Numbers in columns and rows may not total due to rounding.
[†]Softwood species.
[‡]Hardwood species.

Table 34.—*Wood and bark fresh weight of crowns in live trees on timberland by county and diameter class, east Texas, 1992*[*]

County	All classes		Diameter class (*Inches at breast height*)							
			1.0–4.9		5.0–9.9		10.0–14.9		≥15.0	
	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]
	Million pounds									
Anderson	2,302.9	10,554.3	142.6	623.0	730.3	2,134.4	588.3	2,107.8	841.7	5,689.1
Angelina	6,974.0	5,161.1	376.9	360.6	2,365.7	1,480.7	1,628.4	1,092.5	2,603.0	2,227.3
Bowie	1,746.6	6,845.5	130.4	446.7	639.8	1,491.1	307.0	1,363.5	669.4	3,544.2
Camp	247.2	748.7	13.4	161.2	7.0	176.1	102.2	141.3	124.7	270.1
Cass	3,133.3	12,237.5	153.5	1,009.7	1,277.8	2,923.9	956.4	2,463.4	745.6	5,840.5
Chambers	86.0	315.3	0.0	89.7	9.7	69.7	64.0	15.4	12.2	140.4
Cherokee	3,647.8	8,778.7	250.6	899.9	1,394.3	2,801.9	1,014.9	1,817.7	988.0	3,259.3
Franklin	204.9	1,322.9	36.6	116.7	84.8	289.9	53.8	257.2	29.7	659.1
Gregg	502.3	2,301.8	24.8	88.5	174.8	443.6	124.1	285.4	178.6	1,484.2
Grimes	813.0	3,001.4	57.0	182.6	279.6	653.8	268.9	671.4	207.5	1,493.6
Hardin	3,912.6	6,573.8	373.9	860.8	2,476.0	1,742.2	633.4	967.5	429.2	3,003.2
Harris	2,127.1	3,723.4	60.0	478.5	391.6	1,044.5	702.7	484.2	972.8	1,716.2
Harrison	4,428.8	8,683.1	259.7	1,003.3	1,778.8	2,377.3	1,306.0	1,633.8	1,084.4	3,668.7
Henderson	739.2	4,225.2	47.8	445.9	270.4	1,211.1	185.5	969.6	235.5	1,598.6
Houston	5,048.8	8,149.8	180.2	698.7	1,452.8	2,245.5	1,046.1	1,519.1	2,369.8	3,686.4
Jasper	5,961.0	11,616.0	155.7	804.4	1,799.1	2,632.8	1,598.9	2,001.0	2,407.4	6,177.9
Jefferson	166.4	2,152.7	1.7	191.1	11.8	814.2	45.5	344.9	107.5	802.5
Leon	318.9	8,835.3	4.1	686.3	71.9	2,799.0	105.8	2,248.7	137.1	3,101.2
Liberty	1,675.2	10,589.2	59.4	858.5	444.5	2,544.2	464.4	2,084.1	706.8	5,102.3
Madison	218.5	1,972.6	2.9	87.0	59.6	498.2	64.8	492.2	91.2	895.2
Marion	1,990.7	4,264.2	60.2	477.8	445.5	1,659.3	585.7	943.1	899.2	1,184.0
Montgomery	7,151.7	8,937.2	218.4	1,005.4	1,752.6	2,454.1	1,918.4	1,807.6	3,262.3	3,670.2
Morris	696.1	2,252.7	70.8	260.1	268.2	430.2	149.2	430.2	207.9	1,132.1
Nacogdoches	4,692.1	8,549.9	202.3	983.5	1,575.9	2,288.2	1,555.7	2,000.2	1,358.3	3,277.9
Newton	6,190.2	8,580.0	424.7	1,123.0	3,152.5	2,156.0	1,285.4	1,577.8	1,327.6	3,723.2
Orange	1,019.1	3,293.2	14.0	223.7	234.4	763.6	221.2	515.1	549.5	1,790.8
Panola	4,189.1	7,775.2	120.1	886.6	1,438.4	1,827.6	928.5	1,285.8	1,702.0	3,775.2
Polk	7,627.8	7,462.3	612.8	859.4	4,525.8	1,879.9	1,130.3	1,345.0	1,359.0	3,378.1
Red River	891.0	8,760.7	55.1	691.4	350.7	2,274.9	222.0	2,151.7	263.2	3,642.6
Rusk	4,174.2	7,278.4	206.6	562.8	1,015.6	2,231.7	1,473.1	1,733.8	1,478.9	2,750.2
Sabine	4,860.3	4,497.8	127.2	627.6	1,439.4	1,119.9	1,119.3	831.5	2,174.4	1,918.7
San Augustine	4,282.0	4,677.3	238.6	628.5	2,325.6	1,419.3	827.1	923.6	890.7	1,705.9
San Jacinto	3,795.6	4,688.7	157.9	415.5	1,157.4	1,230.0	977.1	1,109.9	1,503.4	1,933.3
Shelby	4,093.9	9,455.5	171.3	898.4	1,313.6	2,326.5	906.7	1,683.7	1,702.3	4,547.0
Smith	1,722.6	5,982.6	74.0	534.8	641.1	1,537.4	557.1	1,223.6	450.3	2,686.9
Titus	370.4	3,037.1	24.3	240.5	204.2	653.9	78.2	640.2	63.6	1,502.5
Trinity	4,704.4	5,285.8	257.5	315.3	1,506.7	1,010.6	757.8	551.1	2,182.5	3,408.9
Tyler	4,666.5	8,567.8	403.9	1,078.8	2,143.9	1,943.2	996.1	1,445.7	1,122.6	4,100.0
Upshur	2,764.9	4,947.7	134.7	647.9	805.2	1,449.3	911.9	1,001.3	913.1	1,849.3
Van Zandt	177.3	3,961.3	8.1	272.7	53.0	1,007.6	43.2	706.0	73.0	1,975.0
Walker	4,987.9	4,871.9	225.4	502.0	1,666.5	1,581.2	1,175.8	977.6	1,920.2	1,811.1
Waller	920.3	1,668.1	30.6	111.6	165.4	571.2	341.5	362.0	382.8	623.3
Wood	1,505.7	4,942.2	86.5	482.6	437.7	1,473.4	514.8	1,182.6	466.8	1,803.7
All counties	121,728.1	251,525.8	6,256.0	23,923.2	44,339.4	65,663.3	29,937.3	49,389.7	41,195.4	112,549.7

[*]Numbers in columns and rows may not total due to rounding.
[†]Softwood species.
[‡]Hardwood species.

Table 35.—*Wood and bark dry weight of live trees on timberland by county and diameter class, east Texas, 1992*[*]

County	All classes		Diameter class (*Inches at breast height*) 1.0–4.9		5.0–9.9		10.0–14.9		≥15.0	
	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]
	Million pounds									
Anderson	7,388.0	21,400.5	709.7	2,143.6	1,777.3	4,197.2	2,256.0	5,516.6	2,645.0	9,543.2
Angelina	21,332.2	10,583.9	1,848.3	1,225.9	5,098.0	2,767.9	6,083.6	2,815.3	8,302.4	3,774.8
Bowie	5,242.4	14,396.0	640.0	1,594.4	1,295.3	2,964.6	1,148.0	3,595.9	2,159.1	6,241.0
Camp	877.8	1,763.1	63.6	525.0	31.0	384.6	405.1	396.2	378.1	457.3
Cass	10,017.6	25,945.4	756.9	3,542.6	3,087.9	5,555.1	3,674.3	6,702.4	2,498.6	10,145.3
Chambers	296.1	676.5	0.0	308.1	21.9	134.5	234.1	50.0	40.0	183.9
Cherokee	11,767.4	19,481.2	1,283.3	3,179.5	3,311.8	5,599.2	3,977.6	4,901.6	3,194.7	5,800.9
Franklin	659.9	2,816.9	184.7	391.0	158.5	536.9	214.3	740.9	102.5	1,148.2
Gregg	1,555.6	4,762.7	129.4	339.8	387.4	932.5	469.3	767.2	569.5	2,723.2
Grimes	2,558.8	6,289.5	278.6	626.8	589.2	1,326.6	1,025.9	1,711.3	665.1	2,624.8
Hardin	10,831.6	13,537.4	1,873.5	2,565.0	5,190.2	3,207.4	2,363.4	2,610.1	1,404.5	5,155.0
Harris	7,104.5	8,085.4	295.1	1,693.7	995.9	1,963.1	2,613.6	1,343.5	3,199.9	3,085.1
Harrison	14,310.3	18,701.4	1,296.4	3,617.9	4,243.3	4,537.5	5,168.2	4,478.1	3,602.3	6,067.8
Henderson	2,339.1	9,307.3	238.6	1,482.6	628.7	2,355.1	740.5	2,520.8	731.3	2,948.7
Houston	15,576.7	16,552.6	894.6	2,455.6	3,100.0	4,280.7	3,990.6	3,943.6	7,591.6	5,872.6
Jasper	18,559.7	23,290.5	775.1	2,719.4	4,212.6	4,939.2	5,949.4	5,363.0	7,622.6	10,268.9
Jefferson	649.5	4,554.3	8.8	781.7	45.2	1,493.9	241.2	929.9	354.5	1,348.8
Leon	1,040.1	18,653.5	21.4	2,142.6	173.0	5,342.6	387.1	5,695.7	458.4	5,472.6
Liberty	5,388.8	23,061.8	299.2	2,848.4	1,058.2	5,033.6	1,745.0	5,735.0	2,286.4	9,444.7
Madison	676.1	4,456.9	15.0	296.8	126.9	1,031.2	237.0	1,367.4	297.3	1,761.5
Marion	6,920.2	9,424.7	311.1	1,610.9	1,239.3	3,122.8	2,399.6	2,525.2	2,970.2	2,165.9
Montgomery	22,837.3	18,786.8	1,079.1	3,217.9	4,042.0	4,569.6	7,121.1	4,699.9	10,595.1	6,299.5
Morris	2,193.3	4,910.6	354.2	908.5	627.5	946.9	562.5	1,269.3	649.0	1,785.9
Nacogdoches	15,375.0	18,175.3	1,076.2	3,123.9	3,889.3	4,345.1	5,982.7	5,343.8	4,426.8	5,362.5
Newton	18,696.6	18,896.4	2,286.9	3,614.8	7,179.4	4,209.1	4,859.6	4,191.0	4,370.7	6,881.5
Orange	3,266.0	6,381.0	69.7	694.3	593.5	1,462.1	827.2	1,394.1	1,775.7	2,830.5
Panola	13,355.7	16,248.9	600.3	3,081.4	3,566.7	3,444.4	3,523.1	3,474.9	5,665.6	6,248.1
Polk	20,945.4	15,523.1	2,987.1	2,864.1	9,327.9	3,717.1	4,221.4	3,396.6	4,409.0	5,545.4
Red River	2,797.3	18,598.1	278.8	2,174.9	792.6	4,517.0	850.8	5,737.9	875.1	6,168.3
Rusk	14,226.2	15,734.8	1,039.0	2,230.1	2,643.0	3,998.9	5,638.6	4,822.2	4,905.7	4,683.6
Sabine	15,034.0	9,688.3	636.0	2,020.8	3,257.6	2,080.5	4,166.1	2,238.9	6,974.4	3,348.1
San Augustine	11,966.4	9,996.7	1,181.5	1,980.0	4,742.5	2,579.8	3,136.9	2,409.1	2,905.4	3,027.8
San Jacinto	12,017.4	10,431.3	778.1	1,374.4	2,623.7	2,414.0	3,649.8	3,099.9	4,965.9	3,542.8
Shelby	12,727.1	19,430.4	852.6	3,087.1	2,928.8	4,435.5	3,508.2	4,408.4	5,437.5	7,499.4
Smith	5,695.9	12,177.5	394.8	1,884.8	1,698.1	2,928.3	2,168.2	3,258.8	1,434.8	4,105.6
Titus	1,197.2	5,964.0	128.3	786.1	541.1	1,257.5	318.5	1,647.3	209.3	2,273.1
Trinity	14,173.3	9,650.7	1,262.7	1,179.6	3,147.4	1,892.5	2,856.8	1,497.7	6,906.4	5,080.9
Tyler	14,157.3	17,559.7	2,094.4	3,300.6	4,756.4	3,468.6	3,617.7	3,755.7	3,688.8	7,034.7
Upshur	9,310.2	11,341.6	678.0	2,316.2	2,047.9	2,921.9	3,533.0	2,868.4	3,051.3	3,235.1
Van Zandt	571.6	7,936.3	43.5	895.0	123.6	2,073.8	167.3	1,904.5	237.2	3,063.1
Walker	15,622.2	10,301.9	1,114.0	1,750.5	3,815.4	2,792.6	4,411.5	2,504.6	6,281.3	3,254.2
Waller	3,151.1	3,423.9	151.3	393.5	439.0	1,046.0	1,290.8	838.1	1,270.0	1,146.3
Wood	5,153.6	10,655.6	437.8	1,595.8	1,101.6	2,754.0	2,070.0	3,152.3	1,544.1	3,153.5
All counties	379,562.4	529,554.3	31,447.5	80,565.9	100,656.4	125,561.2	113,805.5	131,623.0	133,653.0	191,804.2

[*]Numbers in columns and rows may not total due to rounding.
[†]Softwood species.
[‡]Hardwood species.

Table 36.—*Wood and bark dry weight of stems in live trees on timberland by county and diameter class, east Texas, 1992*[*]

County	All classes		Diameter class (*Inches at breast height*)							
			1.0–4.9		5.0–9.9		10.0–14.9		≥15.0	
	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]
	Million pounds									
Anderson	6,327.1	15,640.2	667.1	1,972.1	1,443.2	3,021.8	1,977.5	4,287.9	2,239.2	6,358.4
Angelina	18,049.2	7,811.1	1,737.4	1,127.8	3,993.0	1,994.0	5,298.3	2,163.9	7,020.5	2,525.3
Bowie	4,428.5	10,613.4	601.6	1,467.0	996.5	2,130.7	1,000.4	2,771.6	1,830.0	4,244.1
Camp	763.6	1,396.9	59.8	483.0	28.0	281.8	356.9	320.8	318.9	311.2
Cass	8,575.2	19,375.6	711.4	3,259.2	2,500.2	4,030.9	3,222.8	5,297.5	2,140.7	6,788.0
Chambers	254.5	528.7	0.0	283.4	17.4	94.3	203.1	37.5	34.0	113.6
Cherokee	10,093.3	14,895.7	1,206.3	2,925.1	2,667.8	4,111.2	3,504.9	3,888.1	2,714.2	3,971.2
Franklin	571.5	2,141.3	173.6	359.7	120.2	398.4	189.1	606.9	88.5	776.4
Gregg	1,320.1	3,416.6	121.7	312.6	306.9	670.9	410.0	595.3	481.6	1,837.8
Grimes	2,183.8	4,561.2	261.9	576.6	459.6	946.0	898.5	1,299.6	563.7	1,739.0
Hardin	9,027.6	10,157.0	1,761.1	2,359.8	4,022.9	2,303.0	2,051.1	2,048.9	1,192.5	3,445.3
Harris	6,075.4	6,137.7	277.4	1,558.7	810.2	1,395.1	2,270.6	1,065.8	2,717.2	2,118.1
Harrison	12,257.8	14,259.2	1,218.7	3,328.5	3,417.2	3,291.1	4,547.1	3,602.8	3,074.8	4,036.8
Henderson	2,004.5	6,970.0	224.2	1,364.0	507.7	1,661.6	654.7	1,943.5	617.9	2,000.9
Houston	13,218.8	12,295.5	840.9	2,259.2	2,426.8	3,109.4	3,495.8	3,089.6	6,455.2	3,837.2
Jasper	15,685.6	17,100.2	728.5	2,501.9	3,363.6	3,563.4	5,163.6	4,209.6	6,429.8	6,825.3
Jefferson	565.9	3,439.1	8.2	719.2	38.6	1,070.8	217.7	738.7	301.5	910.4
Leon	886.9	13,798.8	20.2	1,971.2	139.7	3,792.9	335.7	4,340.0	391.3	3,694.6
Liberty	4,584.1	17,220.5	281.3	2,620.5	849.9	3,637.4	1,518.7	4,504.7	1,934.3	6,457.9
Madison	571.4	3,265.5	14.1	273.1	99.4	745.5	205.5	1,054.5	252.5	1,192.4
Marion	5,966.7	7,244.0	292.4	1,482.0	1,030.8	2,282.6	2,115.6	1,994.1	2,527.9	1,485.2
Montgomery	19,431.4	14,247.2	1,014.3	2,960.5	3,223.9	3,344.4	6,195.6	3,690.7	8,997.6	4,251.6
Morris	1,877.6	3,688.8	333.0	835.8	503.8	697.9	491.1	996.1	549.7	1,159.0
Nacogdoches	13,180.0	13,770.9	1,011.6	2,873.9	3,157.3	3,150.1	5,247.0	4,191.6	3,764.1	3,555.3
Newton	15,794.4	14,482.1	2,149.7	3,325.7	5,686.4	3,078.9	4,239.2	3,305.3	3,719.1	4,772.2
Orange	2,770.5	4,593.8	65.5	638.7	481.2	1,052.9	719.7	1,087.7	1,504.1	1,814.5
Panola	11,368.8	12,148.1	564.3	2,834.9	2,900.2	2,508.0	3,079.0	2,729.5	4,825.3	4,075.7
Polk	17,435.7	11,614.2	2,807.8	2,634.9	7,210.5	2,696.9	3,677.8	2,643.2	3,739.6	3,639.2
Red River	2,382.8	13,570.3	262.0	2,000.9	628.9	3,154.8	745.6	4,363.7	746.3	4,050.9
Rusk	12,283.0	11,924.4	976.7	2,051.7	2,176.6	2,857.1	4,942.7	3,841.6	4,187.0	3,174.1
Sabine	12,727.9	7,354.6	597.8	1,859.2	2,588.5	1,491.5	3,628.0	1,765.4	5,913.6	2,238.5
San Augustine	9,983.1	7,594.3	1,110.6	1,821.6	3,657.6	1,839.3	2,742.9	1,880.2	2,472.0	2,053.2
San Jacinto	10,216.2	7,967.1	731.4	1,264.5	2,082.8	1,747.7	3,177.6	2,469.9	4,224.3	2,485.0
Shelby	10,815.9	14,461.0	801.4	2,840.1	2,321.0	3,230.4	3,080.8	3,444.3	4,612.6	4,946.2
Smith	4,904.3	9,016.7	371.1	1,734.0	1,407.4	2,104.5	1,905.0	2,560.2	1,220.8	2,618.1
Titus	1,033.7	4,349.7	120.6	723.2	451.6	896.8	282.6	1,276.8	179.0	1,452.9
Trinity	11,963.1	6,890.6	1,186.9	1,085.2	2,443.1	1,367.5	2,494.8	1,192.0	5,838.4	3,245.9
Tyler	11,981.9	13,101.4	1,968.7	3,036.6	3,745.2	2,435.5	3,133.3	2,951.9	3,134.7	4,677.5
Upshur	8,039.7	8,838.3	637.3	2,130.9	1,677.7	2,184.8	3,102.7	2,320.0	2,622.1	2,202.6
Van Zandt	491.0	5,766.8	40.9	823.4	99.8	1,473.6	147.5	1,469.5	202.8	2,000.4
Walker	13,280.2	7,748.0	1,047.1	1,610.5	3,039.7	1,984.3	3,849.5	1,936.8	5,343.9	2,216.5
Waller	2,716.1	2,519.6	142.3	362.0	361.9	739.8	1,127.9	631.6	1,084.1	786.1
Wood	4,474.8	8,030.2	411.5	1,468.2	904.2	1,961.3	1,833.5	2,469.7	1,325.6	2,131.1
All counties	322,563.5	395,946.2	29,560.7	74,121.2	79,989.0	90,530.4	99,480.9	103,078.8	113,532.9	128,215.7

[*]Numbers in columns and rows may not total due to rounding.
[†]Softwood species.
[‡]Hardwood species.

Table 37.—*Wood and bark dry weight of crowns in live trees on timberland by county and diameter class, east Texas, 1992*[*]

County	All classes		Diameter class (*Inches at breast height*) 1.0–4.9		5.0–9.9		10.0–14.9		≥15.0	
	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]
	Million pounds									
Anderson	1,061.0	5,760.3	42.6	171.5	334.1	1,175.4	278.5	1,228.7	405.8	3,184.8
Angelina	3,283.0	2,772.9	110.9	98.1	1,105.0	773.9	785.3	651.4	1,281.9	1,249.5
Bowie	813.8	3,782.6	38.4	127.5	298.7	834.0	147.6	824.3	329.1	1,996.9
Camp	114.2	366.2	3.8	42.0	3.0	102.8	48.2	75.4	59.2	146.1
Cass	1,442.4	6,569.8	45.4	283.4	587.7	1,524.2	451.5	1,404.8	357.8	3,357.3
Chambers	41.6	147.8	0.0	24.6	4.5	40.3	31.1	12.6	6.0	70.3
Cherokee	1,674.1	4,585.5	77.0	254.4	643.9	1,488.0	472.7	1,013.5	480.5	1,829.7
Franklin	88.4	675.6	11.1	31.3	38.2	138.5	25.1	134.1	14.0	371.8
Gregg	235.6	1,346.2	7.8	27.2	80.5	261.6	59.4	172.0	87.9	885.4
Grimes	375.0	1,728.3	16.7	50.1	129.6	380.6	127.3	411.7	101.4	885.9
Hardin	1,804.0	3,380.4	112.4	205.2	1,167.3	904.4	312.4	561.2	212.0	1,709.6
Harris	1,029.1	1,947.7	17.7	135.1	185.7	568.1	343.0	277.6	482.7	967.0
Harrison	2,052.5	4,442.2	77.8	289.4	826.1	1,246.4	621.1	875.3	527.5	2,031.0
Henderson	334.6	2,337.2	14.3	118.6	121.0	693.5	85.8	577.3	113.5	947.8
Houston	2,357.9	4,257.1	53.7	196.5	673.1	1,171.3	494.7	854.0	1,136.4	2,035.3
Jasper	2,874.1	6,190.3	46.5	217.6	849.0	1,375.8	785.8	1,153.4	1,192.8	3,443.6
Jefferson	83.6	1,115.1	0.5	62.5	6.6	423.0	23.5	191.2	53.0	438.3
Leon	153.1	4,854.7	1.3	171.4	33.3	1,549.7	51.4	1,355.6	67.1	1,777.9
Liberty	804.7	5,841.2	18.0	227.9	208.3	1,396.3	226.3	1,230.3	352.1	2,986.7
Madison	104.7	1,191.4	0.9	23.7	27.5	285.6	31.5	312.9	44.8	569.1
Marion	953.4	2,180.8	18.7	128.9	208.5	840.2	284.0	531.0	442.2	680.7
Montgomery	3,405.9	4,539.7	64.7	257.4	818.1	1,225.1	925.5	1,009.2	1,597.6	2,047.9
Morris	315.7	1,221.8	21.3	72.7	123.7	249.0	71.4	273.2	99.3	626.9
Nacogdoches	2,195.0	4,404.4	64.6	249.9	732.0	1,195.0	735.8	1,152.2	662.7	1,807.2
Newton	2,902.1	4,414.3	137.2	289.2	1,492.9	1,130.2	620.4	885.7	651.6	2,109.3
Orange	495.5	1,787.2	4.2	55.5	112.3	409.2	107.5	306.4	271.6	1,016.1
Panola	1,986.9	4,100.9	36.0	246.5	666.5	936.4	444.1	745.4	840.3	2,172.5
Polk	3,509.7	3,908.9	179.2	229.1	2,117.4	1,020.2	543.6	753.3	669.4	1,906.2
Red River	414.5	5,027.8	16.7	174.0	163.7	1,362.2	105.2	1,374.2	128.8	2,117.4
Rusk	1,943.3	3,810.3	62.3	178.4	466.4	1,141.8	695.9	980.6	718.6	1,509.5
Sabine	2,306.1	2,333.7	38.2	161.7	669.1	589.0	538.1	473.5	1,060.8	1,109.5
San Augustine	1,983.3	2,402.4	70.9	158.4	1,085.0	740.5	394.0	528.9	433.4	974.7
San Jacinto	1,801.2	2,464.2	46.7	110.0	540.9	666.3	472.1	630.1	741.6	1,057.9
Shelby	1,911.2	4,969.3	51.2	247.0	607.7	1,205.0	427.4	964.1	824.9	2,553.2
Smith	791.6	3,160.7	23.7	150.8	290.8	823.8	263.2	698.6	214.0	1,487.5
Titus	163.5	1,614.3	7.7	62.9	89.6	360.7	35.9	370.5	30.4	820.2
Trinity	2,210.2	2,760.1	75.8	94.4	704.3	525.0	362.0	305.7	1,068.1	1,835.0
Tyler	2,175.3	4,458.3	125.7	264.0	1,011.1	1,033.1	484.4	803.9	554.1	2,357.2
Upshur	1,270.5	2,503.3	40.7	185.3	370.3	737.1	430.3	548.4	429.2	1,032.5
Van Zandt	80.6	2,169.5	2.6	71.6	23.7	600.2	19.8	435.0	34.4	1,062.7
Walker	2,342.0	2,553.9	66.8	140.0	775.7	808.3	562.1	567.9	937.4	1,037.7
Waller	435.0	904.3	9.1	31.5	77.1	306.2	163.0	206.5	185.9	360.2
Wood	678.8	2,625.4	26.3	127.7	197.4	792.8	236.6	682.6	218.6	1,022.4
All counties	56,998.9	133,608.1	1,886.9	6,444.8	20,667.5	35,030.7	14,324.5	28,544.2	20,120.1	63,588.5

[*]Numbers in columns and rows may not total due to rounding.
[†]Softwood species.
[‡]Hardwood species.

Table 38.—*Wood and bark fresh weight of live trees on timberland by species and height class, east Texas, 1992*

Species common name[‡]	All classes	Height class in feet[†] (*from a 1-foot stump to treetop*)									
		<15	16–29	30–44	45–59	60–74	75–89	90–104	105–119	120–134	≥135
	Million pounds										
Eastern redcedar	7,270.3	1,298.5	211.2	2,757.8	2,257.1	745.7	0.0	0.0	0.0	0.0	0.0
Shortleaf pine	169,384.3	5,641.8	531.0	5,927.0	20,232.5	41,838.2	55,332.5	33,365.2	6,156.8	359.3	0.0
Slash pine	23,424.8	2,513.5	73.7	2,317.8	4,171.3	7,618.6	4,481.8	1,995.9	252.3	0.0	0.0
Longleaf pine	10,424.4	299.6	45.6	651.9	1,336.2	3,543.8	2,879.2	1,513.8	154.3	0.0	0.0
Loblolly pine	545,162.9	51,328.2	3,307.2	42,723.2	90,551.8	95,100.0	126,822.9	89,909.8	37,406.6	6,761.0	1,252.2
Baldcypress	8,702.1	28.8	71.5	405.8	1,033.2	2,670.9	2,148.7	1,287.0	853.4	202.9	0.0
Florida maple	1,313.6	279.7	32.9	122.6	309.9	370.7	153.1	44.8	0.0	0.0	0.0
Boxelder	1,189.6	389.7	32.5	19.8	600.5	147.1	0.0	0.0	0.0	0.0	0.0
Red maple	14,044.4	3,674.7	259.8	1,870.2	4,544.6	2,734.4	567.4	245.4	73.1	74.7	0.0
Silver maple	22.7	0.0	0.0	0.0	22.7	0.0	0.0	0.0	0.0	0.0	0.0
Sugar maple	200.4	56.2	0.0	35.9	0.0	51.3	57.0	0.0	0.0	0.0	0.0
River birch	5,984.1	687.9	0.0	521.6	1,570.7	2,048.9	1,155.1	0.0	0.0	0.0	0.0
Bumelia	610.4	324.8	54.7	64.5	123.6	42.7	0.0	0.0	0.0	0.0	0.0
Bluebeech, American hornbeam	10,694.9	5,433.9	739.9	3,251.4	1,169.4	49.7	50.5	0.0	0.0	0.0	0.0
Hickories[§]	5,437.7	825.5	105.6	816.5	1,374.6	1,562.1	447.7	122.1	183.7	0.0	0.0
Water hickory	7,098.9	683.4	14.3	556.2	1,312.2	1,466.0	2,061.0	738.3	133.9	133.5	0.0
Bitternut hickory	2,005.8	306.5	15.6	350.7	552.1	488.9	160.0	132.1	0.0	0.0	0.0
Pignut hickory	729.2	84.9	17.8	249.4	240.8	136.3	0.0	0.0	0.0	0.0	0.0
Pecan	1,787.1	108.0	44.9	257.7	251.3	401.2	639.0	85.0	0.0	0.0	0.0
Shellbark hickory	400.3	0.0	0.0	110.8	131.1	0.0	56.4	67.1	34.9	0.0	0.0
Shagbark hickory	337.3	0.0	0.0	63.3	73.2	51.5	0.0	0.0	48.6	100.8	0.0
Black hickory	11,786.3	1,745.3	186.9	1,730.2	4,077.6	2,391.2	1,184.1	470.9	0.0	0.0	0.0
Mockernut hickory	12,243.9	1,868.9	189.6	1,628.7	3,386.4	3,443.7	1,202.5	524.1	0.0	0.0	0.0
Chinkapin	88.9	59.5	0.0	29.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allegheny chinkapin	21.1	0.0	21.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catalpa	84.9	0.0	0.0	0.0	34.5	50.3	0.0	0.0	0.0	0.0	0.0
Sugarberry	17,618.6	3,357.4	320.8	2,608.0	5,510.1	3,166.8	2,391.5	264.0	0.0	0.0	0.0
Hackberry	234.2	199.6	0.0	34.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern redbud	792.2	559.2	49.4	87.2	96.3	0.0	0.0	0.0	0.0	0.0	0.0
Flowering dogwood	6,710.6	5,884.3	210.4	535.1	80.8	0.0	0.0	0.0	0.0	0.0	0.0
Hawthorn	4,126.9	3,653.1	252.7	221.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common persimmon	2,233.8	1,461.2	37.5	282.3	213.2	158.0	81.6	0.0	0.0	0.0	0.0
American Beech	7,904.6	328.3	65.8	213.3	1,032.7	2,383.5	3,469.1	334.4	77.5	0.0	0.0
White ash	7,590.0	2,228.7	8.9	494.7	1,048.2	2,684.6	794.2	330.6	0.0	0.0	0.0
Green ash	18,465.6	2,939.4	202.6	1,536.6	3,612.1	4,901.6	4,011.4	1,135.0	127.1	0.0	0.0
Waterlocust	1,396.6	383.7	0.0	277.4	225.4	142.2	286.2	81.7	0.0	0.0	0.0
Honeylocust	2,322.7	474.9	42.5	463.2	555.1	367.9	245.0	82.2	91.8	0.0	0.0
American holly	4,689.8	2,423.1	150.4	1,188.5	732.1	162.9	32.8	0.0	0.0	0.0	0.0
Black walnut	1,105.3	65.1	25.4	88.4	329.5	433.8	163.1	0.0	0.0	0.0	0.0
Sweetgum	161,161.0	29,892.1	1,163.8	11,440.4	27,805.0	41,079.6	31,814.0	12,719.0	4,277.6	969.5	0.0
Osage-orange	967.3	415.5	69.7	366.7	115.3	0.0	0.0	0.0	0.0	0.0	0.0
Cucumbertree	88.1	36.4	0.0	17.1	0.0	34.6	0.0	0.0	0.0	0.0	0.0
Southern magnolia	2,328.2	149.7	0.0	187.8	557.9	652.8	651.0	129.0	0.0	0.0	0.0
Sweetbay	4,449.3	1,578.5	19.3	519.9	975.1	1,049.1	307.4	0.0	0.0	0.0	0.0
Chinaberry	284.2	10.5	15.9	0.0	257.8	0.0	0.0	0.0	0.0	0.0	0.0
White mulberry	11.3	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red mulberry	1,032.5	443.7	6.0	402.9	131.4	48.5	0.0	0.0	0.0	0.0	0.0
Water tupelo	6,500.0	444.2	69.6	435.4	941.1	1,734.8	2,001.8	873.0	0.0	0.0	0.0

Table 38.—*Wood and bark fresh weight of live trees on timberland by species and height class, east Texas, 1992*[*]—*Continued*

Species common name[‡]	All classes	Height class in feet[†] (*from a 1-foot stump to treetop*) <15	16–29	30–44	45–59	60–74	75–89	90–104	105–119	120–134	≥135
	Million pounds										
Blackgum	33,334.1	5,104.2	405.5	4,632.5	6,742.8	7,221.6	6,764.7	1,851.0	246.8	364.9	0.0
Swamp tupelo	51.8	0.0	0.0	0.0	0.0	0.0	51.8	0.0	0.0	0.0	0.0
Ironwood	8,834.3	5,194.7	129.1	1,664.8	1,707.9	137.8	0.0	0.0	0.0	0.0	0.0
Sourwood	33.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Redbay	1,383.5	1,205.1	61.0	117.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water-elm	1,549.3	693.0	233.0	402.8	175.4	45.3	0.0	0.0	0.0	0.0	0.0
American sycamore	2,534.0	286.1	19.0	97.9	417.2	433.9	533.3	333.7	136.5	276.4	0.0
Eastern Cottonwood	3,186.8	18.8	0.0	73.2	101.8	165.8	232.8	397.4	1,168.7	858.0	170.4
Black cherry	2,152.0	945.7	0.0	271.5	591.9	150.4	192.5	0.0	0.0	0.0	0.0
Plums[¶]	1,040.4	901.0	83.3	56.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White oak	40,919.5	3,235.0	138.1	1,957.1	5,453.8	10,107.4	12,543.6	6,001.7	1,090.6	392.1	0.0
Swamp white oak	56.8	0.0	0.0	0.0	0.0	0.0	56.8	0.0	0.0	0.0	0.0
Scarlet oak	35.4	0.0	0.0	0.0	35.4	0.0	0.0	0.0	0.0	0.0	0.0
Durand oak	40.7	0.0	0.0	0.0	40.7	0.0	0.0	0.0	0.0	0.0	0.0
Southern red oak	109,002.4	5,281.4	649.2	8,357.4	24,295.8	35,675.8	26,922.8	6,687.9	1,132.1	0.0	0.0
Cherrybark oak	45,943.2	1,689.2	123.9	1,500.1	5,825.8	7,385.6	12,560.3	8,065.0	6,146.3	1,629.9	1,017.0
Bluejack oak	3,843.8	1,057.5	269.5	1,299.7	1,153.1	64.0	0.0	0.0	0.0	0.0	0.0
Turkey oak	88.4	0.8	0.0	0.0	0.0	0.0	87.6	0.0	0.0	0.0	0.0
Laurel oak	20,214.2	2,150.7	111.0	1,211.1	3,471.1	5,302.7	5,500.8	2,090.9	244.3	131.5	0.0
Overcup oak	20,975.7	535.5	90.6	1,149.0	4,026.6	7,031.6	5,367.1	1,863.6	911.7	0.0	0.0
Bur oak	43.6	0.0	0.0	0.0	0.0	43.6	0.0	0.0	0.0	0.0	0.0
Blackjack oak	8,929.3	1,551.1	583.9	2,509.2	3,532.9	700.0	52.2	0.0	0.0	0.0	0.0
Swamp chestnut oak	7,519.9	105.6	0.0	149.9	442.3	965.6	2,155.8	2,177.7	1,310.0	213.0	0.0
Chinkapin oak	106.7	0.0	0.0	0.0	0.0	0.0	0.0	106.7	0.0	0.0	0.0
Water oak	116,737.8	10,978.7	315.5	4,251.8	15,020.3	29,325.8	31,037.2	17,386.1	5,765.4	1,815.9	841.1
Nuttall oak	2,409.2	36.7	0.0	31.8	346.8	145.1	554.1	628.0	666.7	0.0	0.0
Willow oak	45,281.6	3,417.3	149.3	1,952.7	5,600.3	9,917.6	13,087.0	7,950.3	2,406.8	800.2	0.0
Chestnut oak	53.5	0.0	0.0	0.0	0.0	53.5	0.0	0.0	0.0	0.0	0.0
Shumard oak	3,463.1	544.2	17.9	61.7	470.6	644.0	976.5	669.8	78.5	0.0	0.0
Post oak	103,100.7	7,513.9	2,082.1	19,786.6	40,887.4	25,601.9	6,983.4	245.4	0.0	0.0	0.0
Black oak	6,455.5	508.6	17.1	301.0	1,540.1	1,678.6	1,992.1	418.0	0.0	0.0	0.0
Live oak	220.5	0.0	0.0	41.6	108.5	70.4	0.0	0.0	0.0	0.0	0.0
Black locust	340.4	280.3	0.0	24.6	0.0	35.5	0.0	0.0	0.0	0.0	0.0
Black willow	3,559.3	577.5	44.0	237.4	1,130.9	1,165.6	268.7	135.1	0.0	0.0	0.0
Chinese tallowtree	6,286.9	3,314.2	200.0	1,476.1	1,114.6	182.1	0.0	0.0	0.0	0.0	0.0
Sassafras	3,246.1	2,034.6	40.8	376.6	615.8	81.8	96.5	0.0	0.0	0.0	0.0
American basswood	632.2	236.7	11.9	11.1	194.5	177.9	0.0	0.0	0.0	0.0	0.0
White basswood	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Winged elm	30,586.9	11,737.4	789.3	5,792.9	7,565.0	3,513.2	837.7	351.4	0.0	0.0	0.0
American elm	10,122.0	1,396.9	54.2	1,185.7	1,765.4	2,521.6	2,058.8	1,053.8	85.6	0.0	0.0
Cedar elm	7,926.2	839.9	138.9	1,206.2	3,092.1	2,243.0	406.1	0.0	0.0	0.0	0.0
Slippery elm	4,473.1	1,175.4	89.6	609.0	1,069.2	864.7	462.0	203.1	0.0	0.0	0.0
Tree sparkleberry	666.9	639.2	0.0	27.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other species[**]	410.1	18.5	16.3	178.5	196.8	0.0	0.0	0.0	0.0	0.0	0.0
All species	1,750,256.2	209,819.8	15,530.3	150,865.4	322,309.7	379,607.7	377,430.2	205,067.0	71,261.8	15,083.6	3,280.7

[*]Numbers in columns and rows may not total due to rounding.

[†]Heights measured only on trees ≥ 5.0 inches in d.b.h. All trees ≥1.0 inch in d.b.h. but < 5.0 inches in d.b.h. are placed in <15-foot class.

[‡]Alphabetized by genus; see species list, appendix 2.

[§]Unidentified hickories.

[¶]Includes cherries (except black cherry).

[**]Other species include noncommercial and unidentified species.

Table 39. —*Wood and bark fresh weight of stems in live trees on timberland by species and height class, east Texas, 1992*[*]

Species common name[‡]	All classes	Height class in feet[†] (*from a 1-foot stump to treetop*)									
		<15	16–29	30–44	45–59	60–74	75–89	90–104	105–119	120–134	≥135
	Million pounds										
Eastern redcedar	6,160.9	1,170.1	130.3	2,266.4	1,952.4	641.7	0.0	0.0	0.0	0.0	0.0
Shortleaf pine	146,054.2	5,097.1	378.3	4,518.0	16,853.9	36,566.1	48,245.7	28,843.7	5,246.2	305.2	0.0
Slash pine	19,544.2	2,333.6	45.7	1,651.3	3,337.7	6,481.0	3,831.8	1,658.7	204.3	0.0	0.0
Longleaf pine	8,381.7	272.1	25.2	487.1	1,049.2	2,887.4	2,328.7	1,210.5	121.5	0.0	0.0
Loblolly pine	454,800.3	45,938.4	2,105.4	30,279.7	72,257.0	80,797.1	108,595.5	76,552.5	31,566.9	5,662.5	1,045.5
Baldcypress	7,699.3	27.1	59.4	340.3	889.5	2,418.8	1,920.1	1,128.5	744.4	171.2	0.0
Florida maple	986.1	235.1	19.0	90.9	222.2	270.1	116.1	32.8	0.0	0.0	0.0
Boxelder	899.8	327.0	19.8	14.7	429.2	109.2	0.0	0.0	0.0	0.0	0.0
Red maple	10,477.5	3,092.0	163.4	1,263.5	3,236.5	2,005.0	422.2	185.7	54.0	55.3	0.0
Silver maple	15.1	0.0	0.0	0.0	15.1	0.0	0.0	0.0	0.0	0.0	0.0
Sugar maple	154.0	44.9	0.0	24.5	0.0	39.9	44.7	0.0	0.0	0.0	0.0
River birch	4,200.4	552.6	0.0	345.6	1,056.3	1,427.6	818.3	0.0	0.0	0.0	0.0
Bumelia	493.8	281.7	33.6	44.4	100.2	33.9	0.0	0.0	0.0	0.0	0.0
Bluebeech, American hornbeam	8,338.6	4,562.5	489.6	2,302.6	906.4	39.2	38.3	0.0	0.0	0.0	0.0
Hickories[§]	4,124.4	714.1	66.9	587.9	1,062.6	1,178.0	325.6	75.4	114.0	0.0	0.0
Water hickory	5,225.3	585.7	11.1	376.1	985.3	1,068.6	1,529.4	494.9	91.4	82.7	0.0
Bitternut hickory	1,484.0	247.0	8.9	226.9	404.3	385.2	114.4	97.4	0.0	0.0	0.0
Pignut hickory	520.6	68.3	13.2	176.8	167.3	95.0	0.0	0.0	0.0	0.0	0.0
Pecan	1,292.9	93.6	23.3	185.7	195.2	298.9	438.9	57.3	0.0	0.0	0.0
Shellbark hickory	291.0	0.0	0.0	84.3	92.4	0.0	39.5	48.5	26.3	0.0	0.0
Shagbark hickory	251.2	0.0	0.0	45.8	55.4	38.0	0.0	0.0	41.2	70.8	0.0
Black hickory	9,206.3	1,499.7	116.7	1,233.8	3,192.1	1,880.7	945.4	337.9	0.0	0.0	0.0
Mockernut hickory	9,481.3	1,570.9	118.7	1,161.6	2,655.2	2,678.7	921.5	374.8	0.0	0.0	0.0
Chinkapin	75.4	50.2	0.0	25.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allegheny chinkapin	14.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catalpa	67.0	0.0	0.0	0.0	29.3	37.7	0.0	0.0	0.0	0.0	0.0
Sugarberry	12,815.4	2,694.3	202.4	1,824.3	4,018.1	2,259.2	1,650.2	167.0	0.0	0.0	0.0
Hackberry	177.2	159.8	0.0	17.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern redbud	647.1	482.9	33.2	56.9	74.1	0.0	0.0	0.0	0.0	0.0	0.0
Flowering dogwood	5,228.7	4,713.7	118.5	337.5	59.0	0.0	0.0	0.0	0.0	0.0	0.0
Hawthorn	3,213.8	2,922.9	155.6	135.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common persimmon	1,711.0	1,171.0	19.3	177.9	159.7	119.7	63.3	0.0	0.0	0.0	0.0
American Beech	5,402.8	263.0	32.4	136.6	745.0	1,685.6	2,277.8	217.0	45.4	0.0	0.0
White ash	5,868.8	1,787.8	3.8	349.8	787.7	2,069.5	614.4	255.8	0.0	0.0	0.0
Green ash	14,067.1	2,354.4	144.2	1,099.4	2,677.0	3,731.4	3,091.7	871.6	97.4	0.0	0.0
Waterlocust	1,055.0	307.3	0.0	207.2	166.3	108.8	204.0	61.4	0.0	0.0	0.0
Honeylocust	1,707.4	381.3	27.4	334.7	422.3	265.7	162.2	56.4	57.4	0.0	0.0
American holly	3,812.2	2,100.4	98.6	862.7	591.1	131.6	27.8	0.0	0.0	0.0	0.0
Black walnut	811.3	52.0	18.8	62.8	255.0	317.5	105.2	0.0	0.0	0.0	0.0
Sweetgum	132,089.1	26,621.1	794.4	7,928.4	21,783.8	34,654.7	26,340.4	9,975.4	3,272.8	718.2	0.0
Osage-orange	725.4	333.5	48.7	258.5	84.8	0.0	0.0	0.0	0.0	0.0	0.0
Cucumbertree	70.5	31.9	0.0	8.9	0.0	29.7	0.0	0.0	0.0	0.0	0.0
Southern magnolia	1,835.7	129.4	0.0	137.5	445.0	518.2	507.0	98.7	0.0	0.0	0.0
Sweetbay	3,647.6	1,369.2	11.5	381.3	771.9	859.6	254.3	0.0	0.0	0.0	0.0
Chinaberry	206.5	9.1	8.6	0.0	188.9	0.0	0.0	0.0	0.0	0.0	0.0
White mulberry	9.7	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red mulberry	833.1	384.4	3.8	298.9	104.7	41.3	0.0	0.0	0.0	0.0	0.0
Water tupelo	5,073.3	389.3	43.6	314.0	714.0	1,391.2	1,551.4	669.7	0.0	0.0	0.0

Table 39.—*Wood and bark fresh weight of stems in live trees on timberland by species and height class, east Texas, 1992*[*] —*Continued*

Species common name[‡]	All classes	Height class in feet[†] (*from a 1-foot stump to treetop*) <15	16–29	30–44	45–59	60–74	75–89	90–104	105–119	120–134	≥135
	Million pounds										
Blackgum	23,498.2	3,143.3	215.5	2,777.6	4,689.9	5,490.4	5,258.0	1,451.8	192.8	278.9	0.0
Swamp tupelo	36.1	0.0	0.0	0.0	0.0	0.0	36.1	0.0	0.0	0.0	0.0
Ironwood	6,598.9	4,165.4	82.6	1,065.8	1,185.4	99.8	0.0	0.0	0.0	0.0	0.0
Sourwood	26.3	26.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Redbay	1,170.4	1,043.9	41.6	84.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water-elm	1,262.4	601.1	170.5	313.8	138.4	38.6	0.0	0.0	0.0	0.0	0.0
American sycamore	2,115.6	248.3	15.5	66.3	320.9	373.4	441.6	289.7	116.7	243.4	0.0
Eastern Cottonwood	2,479.2	16.3	0.0	37.4	86.2	134.0	177.4	301.9	921.8	673.5	130.7
Black cherry	1,633.2	757.7	0.0	171.4	444.4	117.2	142.6	0.0	0.0	0.0	0.0
Plums[¶]	810.3	722.5	58.5	29.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White oak	28,732.3	2,688.7	82.0	1,275.2	3,930.1	7,318.4	8,541.4	3,949.9	725.7	221.0	0.0
Swamp white oak	44.0	0.0	0.0	0.0	0.0	0.0	44.0	0.0	0.0	0.0	0.0
Scarlet oak	26.7	0.0	0.0	0.0	26.7	0.0	0.0	0.0	0.0	0.0	0.0
Durand oak	30.2	0.0	0.0	0.0	30.2	0.0	0.0	0.0	0.0	0.0	0.0
Southern red oak	78,001.9	4,737.6	434.0	5,783.0	18,619.3	25,813.4	17,808.5	4,179.8	626.2	0.0	0.0
Cherrybark oak	31,091.6	1,514.5	77.2	970.0	4,468.0	5,526.7	8,497.3	5,045.4	3,550.9	926.6	515.0
Bluejack oak	3,025.8	945.0	173.0	973.1	887.9	46.7	0.0	0.0	0.0	0.0	0.0
Turkey oak	61.4	0.7	0.0	0.0	0.0	0.0	60.6	0.0	0.0	0.0	0.0
Laurel oak	13,905.6	1,807.0	78.5	839.0	2,478.5	3,697.7	3,503.8	1,268.1	146.6	86.5	0.0
Overcup oak	14,155.8	442.4	60.4	777.3	2,862.2	4,784.8	3,554.1	1,192.2	482.3	0.0	0.0
Bur oak	23.9	0.0	0.0	0.0	0.0	23.9	0.0	0.0	0.0	0.0	0.0
Blackjack oak	7,302.7	1,290.8	456.0	2,073.6	2,880.7	556.6	45.0	0.0	0.0	0.0	0.0
Swamp chestnut oak	5,613.0	88.4	0.0	116.3	370.7	775.9	1,610.2	1,600.2	901.0	150.2	0.0
Chinkapin oak	68.0	0.0	0.0	0.0	0.0	0.0	0.0	68.0	0.0	0.0	0.0
Water oak	85,475.6	8,962.3	196.6	2,931.8	11,187.3	22,095.4	22,326.3	12,128.5	3,881.6	1,206.6	559.2
Nuttall oak	1,710.4	29.9	0.0	21.2	241.6	115.3	394.5	442.3	465.5	0.0	0.0
Willow oak	32,907.9	2,790.5	96.5	1,352.2	4,171.1	7,392.8	9,332.7	5,564.0	1,648.0	560.1	0.0
Chestnut oak	41.5	0.0	0.0	0.0	0.0	41.5	0.0	0.0	0.0	0.0	0.0
Shumard oak	2,560.2	451.7	11.8	36.4	342.5	478.9	724.4	456.4	58.1	0.0	0.0
Post oak	71,461.6	5,739.3	1,238.6	13,252.0	28,624.9	17,827.9	4,611.7	167.1	0.0	0.0	0.0
Black oak	4,896.1	462.9	14.0	216.9	1,220.0	1,263.2	1,417.5	301.6	0.0	0.0	0.0
Live oak	157.1	0.0	0.0	31.4	76.7	49.0	0.0	0.0	0.0	0.0	0.0
Black locust	266.1	224.6	0.0	15.6	0.0	25.9	0.0	0.0	0.0	0.0	0.0
Black willow	2,851.0	501.0	31.6	161.9	899.7	944.1	211.1	101.6	0.0	0.0	0.0
Chinese tallowtree	4,978.2	2,826.7	114.1	1,038.6	845.0	153.8	0.0	0.0	0.0	0.0	0.0
Sassafras	2,619.1	1,760.5	20.2	257.5	438.0	67.2	75.8	0.0	0.0	0.0	0.0
American basswood	452.4	202.9	9.6	0.0	107.6	132.2	0.0	0.0	0.0	0.0	0.0
White basswood	1.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Winged elm	24,737.2	10,169.3	496.0	4,165.9	6,067.7	2,887.9	666.1	284.3	0.0	0.0	0.0
American elm	8,045.2	1,211.2	31.7	855.4	1,399.2	2,051.9	1,643.9	782.0	69.8	0.0	0.0
Cedar elm	6,424.9	728.2	96.4	921.4	2,517.3	1,834.8	326.8	0.0	0.0	0.0	0.0
Slippery elm	3,571.8	1,018.3	62.0	441.7	832.6	692.1	363.8	161.4	0.0	0.0	0.0
Tree sparkleberry	576.2	553.1	0.0	23.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other species[**]	306.2	11.2	11.7	133.7	149.6	0.0	0.0	0.0	0.0	0.0	0.0
All species	1,377,002.2	179,317.5	9,983.4	105,873.5	247,733.1	302,412.5	299,340.8	163,208.1	55,470.2	11,412.7	2,250.3

[*]Numbers in columns and rows may not total due to rounding.

[†]Heights measured only on trees ≥ 5.0 inches in d.b.h. All trees ≥1.0 inch in d.b.h. but < 5.0 inches in d.b.h. are placed in <15-foot class.

[‡]Alphabetized by genus; see species list, appendix 2.

[§]Unidentified hickories.

[¶]Includes cherries (except black cherry).

[**]Other species include noncommercial and unidentified species.

Table 40.—*Wood and bark fresh weight of crowns in live trees on timberland by species and height class, east Texas, 1992*[*]

Species common name[‡]	All classes	Height class in feet[†] (*from a 1-foot stump to treetop*)									
		<15	16–29	30–44	45–59	60–74	75–89	90–104	105–119	120–134	≥135
	Million pounds										
Eastern redcedar	1,109.4	128.4	80.9	491.4	304.6	103.9	0.0	0.0	0.0	0.0	0.0
Shortleaf pine	23,330.1	544.7	152.7	1,409.0	3,378.6	5,272.1	7,086.8	4,521.6	910.6	54.1	0.0
Slash pine	3,880.7	179.8	28.0	666.4	833.6	1,137.5	650.0	337.2	48.0	0.0	0.0
Longleaf pine	2,042.7	27.6	20.4	164.8	287.0	656.3	550.5	303.3	32.8	0.0	0.0
Loblolly pine	90,362.6	5,389.8	1,201.8	12,443.5	18,294.8	14,303.0	18,227.4	13,357.2	5,839.7	1,098.5	206.8
Baldcypress	1,002.8	1.7	12.1	65.5	143.7	252.1	228.6	158.5	108.9	31.7	0.0
Florida maple	327.5	44.6	13.9	31.7	87.7	100.6	37.0	12.0	0.0	0.0	0.0
Boxelder	289.8	62.8	12.7	5.1	171.3	37.9	0.0	0.0	0.0	0.0	0.0
Red maple	3,566.9	582.7	96.4	606.7	1,308.2	729.5	145.2	59.7	19.2	19.4	0.0
Silver maple	7.6	0.0	0.0	0.0	7.6	0.0	0.0	0.0	0.0	0.0	0.0
Sugar maple	46.5	11.3	0.0	11.4	0.0	11.4	12.3	0.0	0.0	0.0	0.0
River birch	1,783.7	135.2	0.0	176.0	514.3	621.3	336.8	0.0	0.0	0.0	0.0
Bumelia	116.6	43.1	21.2	20.1	23.4	8.9	0.0	0.0	0.0	0.0	0.0
Bluebeech, American hornbeam	2,356.2	871.4	250.3	948.8	263.0	10.6	12.2	0.0	0.0	0.0	0.0
Hickories[§]	1,313.3	111.5	38.7	228.6	312.0	384.2	122.1	46.6	69.7	0.0	0.0
Water hickory	1,873.7	97.7	3.2	180.1	326.9	397.4	531.6	243.4	42.5	50.8	0.0
Bitternut hickory	521.7	59.5	6.7	123.8	147.8	103.7	45.6	34.7	0.0	0.0	0.0
Pignut hickory	208.6	16.6	4.6	72.6	73.5	41.3	0.0	0.0	0.0	0.0	0.0
Pecan	494.2	14.4	21.6	72.0	56.1	102.3	200.1	27.7	0.0	0.0	0.0
Shellbark hickory	109.3	0.0	0.0	26.4	38.7	0.0	16.9	18.6	8.6	0.0	0.0
Shagbark hickory	86.2	0.0	0.0	17.5	17.8	13.4	0.0	0.0	7.5	30.0	0.0
Black hickory	2,580.1	245.6	70.2	496.3	885.5	510.6	238.8	133.1	0.0	0.0	0.0
Mockernut hickory	2,762.5	298.0	70.9	467.1	731.2	765.0	281.0	149.3	0.0	0.0	0.0
Chinkapin	13.6	9.3	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allegheny chinkapin	7.1	0.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catalpa	17.9	0.0	0.0	0.0	5.2	12.6	0.0	0.0	0.0	0.0	0.0
Sugarberry	4,803.2	663.1	118.4	783.7	1,492.0	907.6	741.3	97.1	0.0	0.0	0.0
Hackberry	57.0	39.8	0.0	17.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern redbud	145.0	76.3	16.3	30.3	22.2	0.0	0.0	0.0	0.0	0.0	0.0
Flowering dogwood	1,481.9	1,170.6	91.8	197.6	21.9	0.0	0.0	0.0	0.0	0.0	0.0
Hawthorn	913.2	730.2	97.1	85.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common persimmon	522.9	290.2	18.2	104.4	53.5	38.3	18.3	0.0	0.0	0.0	0.0
American Beech	2,501.8	65.3	33.3	76.7	287.7	697.9	1,191.3	117.4	32.1	0.0	0.0
White ash	1,721.3	441.0	5.1	144.8	260.6	615.1	179.9	74.9	0.0	0.0	0.0
Green ash	4,398.6	585.0	58.4	437.2	935.1	1,170.1	919.7	263.4	29.7	0.0	0.0
Waterlocust	341.6	76.4	0.0	70.2	59.1	33.4	82.2	20.3	0.0	0.0	0.0
Honeylocust	615.3	93.7	15.1	128.5	132.9	102.2	82.8	25.8	34.4	0.0	0.0
American holly	877.6	322.6	51.9	325.7	141.0	31.3	5.0	0.0	0.0	0.0	0.0
Black walnut	294.0	13.1	6.6	25.7	74.5	116.3	57.9	0.0	0.0	0.0	0.0
Sweetgum	29,071.8	3,271.0	369.4	3,512.0	6,021.2	6,424.9	5,473.6	2,743.7	1,004.8	251.3	0.0
Osage-orange	241.9	82.0	21.1	108.3	30.5	0.0	0.0	0.0	0.0	0.0	0.0
Cucumbertree	17.7	4.5	0.0	8.2	0.0	4.9	0.0	0.0	0.0	0.0	0.0
Southern magnolia	492.5	20.3	0.0	50.3	113.0	134.7	144.0	30.2	0.0	0.0	0.0
Sweetbay	801.7	209.4	7.8	138.6	203.2	189.6	53.2	0.0	0.0	0.0	0.0
Chinaberry	77.7	1.4	7.3	0.0	68.9	0.0	0.0	0.0	0.0	0.0	0.0
White mulberry	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red mulberry	199.4	59.2	2.2	103.9	26.7	7.2	0.0	0.0	0.0	0.0	0.0
Water tupelo	1,426.7	54.9	26.0	121.4	227.1	343.6	450.4	203.3	0.0	0.0	0.0

Table 40.—*Wood and bark fresh weight of crowns in live trees on timberland by species and height class, east Texas, 1992**—*Continued*

Species common name‡	All classes	Height class in feet† (*from a 1-foot stump to treetop*)									
		<15	16–29	30–44	45–59	60–74	75–89	90–104	105–119	120–134	≥135
	Million pounds										
Blackgum	9,835.9	1,960.9	190.0	1,854.9	2,052.9	1,731.3	1,506.7	399.3	54.0	86.0	0.0
Swamp tupelo	15.7	0.0	0.0	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0
Ironwood	2,235.4	1,029.3	46.5	599.0	522.5	38.0	0.0	0.0	0.0	0.0	0.0
Sourwood	6.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Redbay	213.1	161.3	19.4	32.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water-elm	287.0	91.9	62.5	88.9	37.0	6.7	0.0	0.0	0.0	0.0	0.0
American sycamore	418.4	37.8	3.5	31.7	96.3	60.6	91.7	44.0	19.9	33.0	0.0
Eastern Cottonwood	707.7	2.6	0.0	35.8	15.5	31.8	55.4	95.5	247.0	184.5	39.7
Black cherry	518.8	188.0	0.0	100.1	147.6	33.2	49.9	0.0	0.0	0.0	0.0
Plums¶	230.1	178.5	24.9	26.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White oak	12,187.2	546.3	56.1	681.9	1,523.8	2,789.1	4,002.2	2,051.8	364.9	171.2	0.0
Swamp white oak	12.8	0.0	0.0	0.0	0.0	0.0	12.8	0.0	0.0	0.0	0.0
Scarlet oak	8.8	0.0	0.0	0.0	8.8	0.0	0.0	0.0	0.0	0.0	0.0
Durand oak	10.5	0.0	0.0	0.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0
Southern red oak	31,000.5	543.8	215.2	2,574.3	5,676.5	9,862.4	9,114.2	2,508.1	505.9	0.0	0.0
Cherrybark oak	14,851.6	174.7	46.7	530.1	1,357.8	1,858.8	4,063.1	3,019.5	2,595.5	703.3	502.0
Bluejack oak	817.9	112.5	96.5	326.6	265.1	17.2	0.0	0.0	0.0	0.0	0.0
Turkey oak	27.0	0.1	0.0	0.0	0.0	0.0	27.0	0.0	0.0	0.0	0.0
Laurel oak	6,308.6	343.7	32.5	372.1	992.7	1,605.0	1,997.0	822.9	97.8	45.0	0.0
Overcup oak	6,819.9	93.1	30.2	371.7	1,164.5	2,246.8	1,813.0	671.4	429.4	0.0	0.0
Bur oak	19.8	0.0	0.0	0.0	0.0	19.8	0.0	0.0	0.0	0.0	0.0
Blackjack oak	1,626.6	260.3	127.9	435.6	652.2	143.4	7.2	0.0	0.0	0.0	0.0
Swamp chestnut oak	1,907.0	17.3	0.0	33.6	71.5	189.7	545.7	577.5	409.0	62.8	0.0
Chinkapin oak	38.7	0.0	0.0	0.0	0.0	0.0	0.0	38.7	0.0	0.0	0.0
Water oak	31,262.2	2,016.4	118.9	1,320.0	3,833.0	7,230.5	8,711.0	5,257.6	1,883.8	609.3	281.9
Nuttall oak	698.8	6.8	0.0	10.7	105.2	29.8	159.6	185.7	201.1	0.0	0.0
Willow oak	12,373.7	626.8	52.8	600.5	1,429.2	2,524.9	3,754.3	2,386.2	758.8	240.1	0.0
Chestnut oak	11.9	0.0	0.0	0.0	0.0	11.9	0.0	0.0	0.0	0.0	0.0
Shumard oak	902.9	92.5	6.1	25.3	128.2	165.1	252.1	213.4	20.4	0.0	0.0
Post oak	31,639.1	1,774.6	843.4	6,534.6	12,262.5	7,774.0	2,371.7	78.3	0.0	0.0	0.0
Black oak	1,559.3	45.7	3.1	84.1	320.1	415.4	574.6	116.3	0.0	0.0	0.0
Live oak	63.5	0.0	0.0	10.2	31.8	21.4	0.0	0.0	0.0	0.0	0.0
Black locust	74.3	55.7	0.0	8.9	0.0	9.6	0.0	0.0	0.0	0.0	0.0
Black willow	708.3	76.5	12.4	75.5	231.2	221.5	57.6	33.5	0.0	0.0	0.0
Chinese tallowtree	1,308.7	487.5	85.8	437.5	269.6	28.3	0.0	0.0	0.0	0.0	0.0
Sassafras	627.0	274.1	20.6	119.1	177.9	14.6	20.7	0.0	0.0	0.0	0.0
American basswood	179.8	33.8	2.3	11.1	86.9	45.7	0.0	0.0	0.0	0.0	0.0
White basswood	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Winged elm	5,849.7	1,568.1	293.3	1,627.1	1,497.3	625.2	171.6	67.1	0.0	0.0	0.0
American elm	2,076.8	185.7	22.5	330.2	366.3	469.7	414.9	271.7	15.8	0.0	0.0
Cedar elm	1,501.3	111.7	42.5	284.8	574.8	408.2	79.3	0.0	0.0	0.0	0.0
Slippery elm	901.3	157.1	27.6	167.4	236.6	172.7	98.3	41.7	0.0	0.0	0.0
Tree sparkleberry	90.7	86.1	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other species**	103.9	7.3	4.6	44.8	47.2	0.0	0.0	0.0	0.0	0.0	0.0
All species	373,254.0	30,502.2	5,546.9	44,991.9	74,576.6	77,195.1	78,089.4	41,859.0	15,791.7	3,670.9	1,030.3

*Numbers in columns and rows may not total due to rounding.

†Heights measured only on trees ≥ 5.0 inches in d.b.h. All trees ≥1.0 inch in d.b.h. but < 5.0 inches in d.b.h. are placed in <15-foot class.

‡Alphabetized by genus; see species list, appendix 2.

§Unidentified hickories.

¶Includes cherries (except black cherry).

**Other species include noncommercial and unidentified species.

Table 41.—*Wood and bark dry weight of live trees on timberland by species and height class, east Texas, 1992*[*]

Species common name[‡]	All classes	Height class in feet[†] (*from a 1-foot stump to treetop*)									
		<15	16–29	30–44	45–59	60–74	75–89	90–104	105–119	120–134	≥135
	Million pounds										
Eastern redcedar	3,603.9	675.8	106.4	1,358.5	1,100.8	362.4	0.0	0.0	0.0	0.0	0.0
Shortleaf pine	82,096.4	2,907.2	265.5	2,928.0	9,858.8	20,235.8	26,688.8	16,074.4	2,965.2	172.7	0.0
Slash pine	12,580.9	1,344.2	39.1	1,233.9	2,226.1	4,086.5	2,419.4	1,092.2	139.4	0.0	0.0
Longleaf pine	5,636.6	160.0	24.2	346.2	710.6	1,908.9	1,571.4	830.2	85.1	0.0	0.0
Loblolly pine	270,776.1	26,433.6	1,683.4	21,595.5	45,389.2	47,177.4	62,402.7	44,002.8	18,210.0	3,276.3	605.3
Baldcypress	4,868.6	16.1	40.0	227.0	578.1	1,494.3	1,202.1	720.0	477.4	113.5	0.0
Florida maple	737.0	158.6	17.7	67.3	171.7	208.5	87.9	25.3	0.0	0.0	0.0
Boxelder	664.8	221.0	17.6	10.8	332.2	83.2	0.0	0.0	0.0	0.0	0.0
Red maple	7,844.7	2,083.7	141.4	1,026.9	2,510.6	1,530.0	322.9	143.7	42.1	43.3	0.0
Silver maple	12.9	0.0	0.0	0.0	12.9	0.0	0.0	0.0	0.0	0.0	0.0
Sugar maple	117.2	31.7	0.0	21.0	0.0	30.5	33.9	0.0	0.0	0.0	0.0
River birch	3,534.8	396.7	0.0	310.2	932.4	1,212.9	682.7	0.0	0.0	0.0	0.0
Bumelia	324.9	175.5	29.3	34.2	64.4	21.5	0.0	0.0	0.0	0.0	0.0
Bluebeech, American hornbeam	5,795.2	2,968.1	402.0	1,733.1	633.3	29.6	29.0	0.0	0.0	0.0	0.0
Hickories[§]	3,418.2	507.3	66.1	514.9	870.5	987.3	282.0	75.8	114.4	0.0	0.0
Water hickory	4,462.3	423.4	8.9	350.7	830.2	927.0	1,298.8	457.9	83.5	82.0	0.0
Bitternut hickory	1,116.1	180.2	9.7	213.3	297.9	246.0	95.1	73.7	0.0	0.0	0.0
Pignut hickory	438.9	49.1	9.5	150.9	147.7	81.8	0.0	0.0	0.0	0.0	0.0
Pecan	1,119.0	66.1	28.1	162.7	159.6	252.5	397.2	52.8	0.0	0.0	0.0
Shellbark hickory	221.6	0.0	0.0	60.3	74.2	0.0	34.5	32.2	20.4	0.0	0.0
Shagbark hickory	194.4	0.0	0.0	36.7	47.7	31.4	0.0	0.0	23.7	55.0	0.0
Black hickory	6,358.6	976.9	113.4	868.7	2,207.0	1,306.1	629.2	257.4	0.0	0.0	0.0
Mockernut hickory	6,591.8	1,041.9	108.7	833.7	1,850.1	1,835.2	627.7	294.5	0.0	0.0	0.0
Chinkapin	49.2	34.4	0.0	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allegheny chinkapin	12.2	0.0	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catalpa	42.8	0.0	0.0	0.0	17.9	24.9	0.0	0.0	0.0	0.0	0.0
Sugarberry	10,289.3	1,927.7	186.0	1,525.3	3,240.4	1,859.9	1,396.3	153.8	0.0	0.0	0.0
Hackberry	133.7	113.7	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern redbud	426.0	302.8	26.2	46.5	50.6	0.0	0.0	0.0	0.0	0.0	0.0
Flowering dogwood	3,839.0	3,358.9	121.4	311.3	47.4	0.0	0.0	0.0	0.0	0.0	0.0
Hawthorn	2,348.9	2,073.9	146.3	128.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common persimmon	1,288.6	834.6	21.7	164.5	125.8	93.5	48.5	0.0	0.0	0.0	0.0
American Beech	4,623.3	187.2	38.3	124.1	608.8	1,400.7	2,025.4	194.5	44.3	0.0	0.0
White ash	5,245.5	1,277.6	7.8	364.9	775.7	1,989.6	587.3	242.6	0.0	0.0	0.0
Green ash	13,163.1	1,675.5	148.8	1,135.6	2,675.0	3,632.9	2,963.6	837.7	94.1	0.0	0.0
Waterlocust	814.7	218.7	0.0	162.7	132.5	84.4	167.9	48.5	0.0	0.0	0.0
Honeylocust	1,358.3	273.0	24.6	272.0	327.5	216.3	143.8	48.0	53.0	0.0	0.0
American holly	2,505.0	1,313.0	80.2	628.1	382.8	84.0	16.9	0.0	0.0	0.0	0.0
Black walnut	648.8	36.8	14.8	51.6	195.0	256.4	94.2	0.0	0.0	0.0	0.0
Sweetgum	77,137.3	14,196.9	554.3	5,456.9	13,302.3	19,712.9	15,283.5	6,109.5	2,055.2	465.8	0.0
Osage-orange	561.6	238.7	40.6	214.4	67.9	0.0	0.0	0.0	0.0	0.0	0.0
Cucumbertree	41.9	16.9	0.0	8.2	0.0	16.8	0.0	0.0	0.0	0.0	0.0
Southern magnolia	1,192.9	82.5	0.0	98.9	287.3	333.2	327.0	64.0	0.0	0.0	0.0
Sweetbay	2,343.1	852.4	10.3	274.2	509.2	539.9	157.0	0.0	0.0	0.0	0.0
Chinaberry	142.4	5.9	8.5	0.0	128.0	0.0	0.0	0.0	0.0	0.0	0.0
White mulberry	6.3	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red mulberry	549.6	240.9	3.2	211.8	68.6	25.1	0.0	0.0	0.0	0.0	0.0
Water tupelo	3,340.1	236.7	36.8	227.8	486.0	888.1	1,020.6	444.0	0.0	0.0	0.0

Table 41.—*Wood and bark dry weight of live trees on timberland by species and height class, east Texas, 1992*[*]—*Continued*

Species common name[‡]	All classes	Height class in feet[†] (*from a 1-foot stump to treetop*) <15	16–29	30–44	45–59	60–74	75–89	90–104	105–119	120–134	≥135
	Million pounds										
Blackgum	17,450.0	2,507.2	203.2	2,349.9	3,498.2	3,854.1	3,669.3	1,019.9	140.4	207.8	0.0
Swamp tupelo	26.5	0.0	0.0	0.0	0.0	0.0	26.5	0.0	0.0	0.0	0.0
Ironwood	5,102.9	2,973.6	74.7	970.1	1,003.2	81.2	0.0	0.0	0.0	0.0	0.0
Sourwood	18.5	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Redbay	750.1	655.7	32.6	61.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water-elm	820.9	374.0	123.6	210.9	89.0	23.5	0.0	0.0	0.0	0.0	0.0
American sycamore	1,173.1	154.0	8.7	44.6	189.3	196.8	241.5	151.4	61.8	125.1	0.0
Eastern Cottonwood	1,599.4	10.4	0.0	39.1	52.7	84.2	117.5	200.5	583.8	427.0	84.1
Black cherry	1,250.2	539.6	0.0	158.3	349.4	89.3	113.6	0.0	0.0	0.0	0.0
Plums[¶]	596.8	515.9	48.4	32.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White oak	24,329.0	1,948.7	82.4	1,170.3	3,266.8	6,028.6	7,422.8	3,538.6	643.7	227.1	0.0
Swamp white oak	34.2	0.0	0.0	0.0	0.0	0.0	34.2	0.0	0.0	0.0	0.0
Scarlet oak	20.5	0.0	0.0	0.0	20.5	0.0	0.0	0.0	0.0	0.0	0.0
Durand oak	24.3	0.0	0.0	0.0	24.3	0.0	0.0	0.0	0.0	0.0	0.0
Southern red oak	47,991.6	3,167.4	174.2	2,622.9	9,712.4	15,977.1	12,551.7	3,229.4	556.5	0.0	0.0
Cherrybark oak	21,241.2	1,018.6	29.6	447.3	2,252.8	3,300.2	5,911.6	3,899.2	3,037.0	827.1	517.8
Bluejack oak	1,645.6	637.5	70.4	440.8	468.7	28.2	0.0	0.0	0.0	0.0	0.0
Turkey oak	41.8	0.5	0.0	0.0	0.0	0.0	41.3	0.0	0.0	0.0	0.0
Laurel oak	11,113.2	1,204.6	62.2	685.1	1,955.4	2,938.1	2,968.8	1,099.7	128.0	71.3	0.0
Overcup oak	12,415.8	322.4	54.0	686.3	2,403.6	4,161.3	3,165.1	1,094.8	528.3	0.0	0.0
Bur oak	25.8	0.0	0.0	0.0	0.0	25.8	0.0	0.0	0.0	0.0	0.0
Blackjack oak	5,424.5	934.4	360.6	1,534.7	2,141.3	421.9	31.6	0.0	0.0	0.0	0.0
Swamp chestnut oak	4,511.4	63.6	0.0	91.9	269.5	582.8	1,294.7	1,302.4	779.7	126.8	0.0
Chinkapin oak	62.7	0.0	0.0	0.0	0.0	0.0	0.0	62.7	0.0	0.0	0.0
Water oak	65,108.2	6,153.6	179.2	2,435.9	8,600.7	16,612.7	17,130.7	9,491.1	3,088.9	968.4	447.1
Nuttall oak	1,329.5	20.3	0.0	18.2	198.6	84.3	303.3	342.4	362.4	0.0	0.0
Willow oak	25,195.8	1,916.5	84.9	1,118.1	3,208.0	5,581.0	7,204.4	4,344.1	1,302.6	436.2	0.0
Chestnut oak	32.2	0.0	0.0	0.0	0.0	32.2	0.0	0.0	0.0	0.0	0.0
Shumard oak	1,982.0	327.8	10.4	35.7	268.7	365.0	551.6	378.7	44.2	0.0	0.0
Post oak	63,420.7	4,692.4	1,293.3	12,199.1	25,102.3	15,694.5	4,288.7	150.3	0.0	0.0	0.0
Black oak	3,662.8	295.8	9.9	174.1	888.5	949.4	1,111.3	233.7	0.0	0.0	0.0
Live oak	121.8	0.0	0.0	23.4	59.7	38.7	0.0	0.0	0.0	0.0	0.0
Black locust	200.3	159.9	0.0	16.5	0.0	23.9	0.0	0.0	0.0	0.0	0.0
Black willow	1,848.3	311.5	22.9	125.8	587.2	599.4	134.7	66.7	0.0	0.0	0.0
Chinese tallowtree	3,408.0	1,843.2	91.2	792.3	587.4	93.9	0.0	0.0	0.0	0.0	0.0
Sassafras	1,745.2	1,109.0	21.9	199.6	323.6	42.1	49.0	0.0	0.0	0.0	0.0
American basswood	300.1	114.7	5.8	1.5	90.5	87.6	0.0	0.0	0.0	0.0	0.0
White basswood	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Winged elm	16,214.3	6,378.3	421.9	3,063.0	3,943.8	1,805.7	423.9	177.6	0.0	0.0	0.0
American elm	5,220.4	755.8	29.0	626.3	921.2	1,288.2	1,038.7	518.2	43.2	0.0	0.0
Cedar elm	4,116.8	454.8	73.8	635.0	1,600.5	1,147.5	205.3	0.0	0.0	0.0	0.0
Slippery elm	2,340.7	638.9	47.7	321.5	556.2	441.3	233.1	101.9	0.0	0.0	0.0
Tree sparkleberry	364.1	349.7	0.0	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other species[**]	216.1	10.0	8.7	94.3	103.1	0.0	0.0	0.0	0.0	0.0	0.0
All species	909,116.7	112,901.8	8,218.5	78,967.9	169,171.6	197,887.7	193,302.5	103,678.7	35,708.2	7,625.5	1,654.3

[*]Numbers in columns and rows may not total due to rounding.

[†]Heights measured only on trees ≥ 5.0 inches in d.b.h. All trees ≥1.0 inch in d.b.h. but < 5.0 inches in d.b.h. are placed in <15-foot class.

[‡]Alphabetized by genus; see species list, appendix 2.

[§]Unidentified hickories.

[¶]Includes cherries (except black cherry).

[**]Other species include noncommercial and unidentified species.

Table 42 .—*Wood and bark dry weight of stems in live trees on timberland by species and height class, east Texas, 1992*[*]

Species common name[‡]	All classes	Height class in feet[†] (*from a 1-foot stump to treetop*)									
		<15	16–29	30–44	45–59	60–74	75–89	90–104	105–119	120–134	≥135
	Million pounds										
Eastern redcedar	3,119.7	635.3	69.5	1,137.6	962.2	315.1	0.0	0.0	0.0	0.0	0.0
Shortleaf pine	71,603.1	2,732.8	196.6	2,300.3	8,362.2	17,858.4	23,458.4	14,000.7	2,545.8	147.8	0.0
Slash pine	10,671.3	1,263.6	25.4	908.4	1,819.5	3,525.7	2,093.9	920.2	114.7	0.0	0.0
Longleaf pine	4,612.2	150.4	14.0	265.0	569.0	1,579.6	1,290.8	675.1	68.3	0.0	0.0
Loblolly pine	228,249.6	24,847.6	1,116.0	15,755.0	36,778.4	40,290.3	53,471.5	37,425.6	15,328.3	2,733.8	503.2
Baldcypress	4,307.5	15.2	33.2	190.4	497.7	1,353.2	1,074.3	631.4	416.5	95.8	0.0
Florida maple	567.9	145.9	10.2	49.8	123.5	152.9	66.9	18.7	0.0	0.0	0.0
Boxelder	522.3	203.3	10.7	8.0	238.4	62.0	0.0	0.0	0.0	0.0	0.0
Red maple	6,035.0	1,917.0	88.4	693.8	1,793.9	1,128.0	241.7	108.7	31.3	32.2	0.0
Silver maple	8.6	0.0	0.0	0.0	8.6	0.0	0.0	0.0	0.0	0.0	0.0
Sugar maple	93.3	29.2	0.0	14.2	0.0	23.5	26.4	0.0	0.0	0.0	0.0
River birch	2,515.6	364.9	0.0	205.0	625.3	840.0	480.4	0.0	0.0	0.0	0.0
Bumelia	272.5	161.4	18.0	23.7	52.3	17.0	0.0	0.0	0.0	0.0	0.0
Bluebeech, American hornbeam	4,752.4	2,730.0	265.2	1,224.9	487.1	23.1	22.1	0.0	0.0	0.0	0.0
Hickories[§]	2,621.0	466.7	42.0	371.7	674.1	744.6	204.8	46.5	70.6	0.0	0.0
Water hickory	3,309.6	388.2	7.0	237.7	624.3	676.2	963.9	305.4	56.6	50.2	0.0
Bitternut hickory	831.6	165.8	5.7	135.1	213.3	191.4	67.5	52.8	0.0	0.0	0.0
Pignut hickory	316.8	45.2	7.1	106.8	101.7	56.1	0.0	0.0	0.0	0.0	0.0
Pecan	812.2	60.9	14.6	117.6	124.3	188.1	271.5	35.3	0.0	0.0	0.0
Shellbark hickory	159.0	0.0	0.0	45.2	51.7	0.0	23.9	22.8	15.4	0.0	0.0
Shagbark hickory	140.6	0.0	0.0	26.2	34.2	23.1	0.0	0.0	20.0	37.1	0.0
Black hickory	5,001.1	898.7	71.4	620.4	1,716.6	1,015.3	498.8	179.9	0.0	0.0	0.0
Mockernut hickory	5,145.7	958.5	68.4	590.2	1,435.2	1,414.7	472.3	206.3	0.0	0.0	0.0
Chinkapin	44.4	31.6	0.0	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allegheny chinkapin	8.1	0.0	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catalpa	33.8	0.0	0.0	0.0	15.2	18.6	0.0	0.0	0.0	0.0	0.0
Sugarberry	7,641.6	1,773.5	116.8	1,060.5	2,342.7	1,307.9	945.4	94.8	0.0	0.0	0.0
Hackberry	114.6	104.6	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern redbud	364.4	277.4	17.6	30.5	39.0	0.0	0.0	0.0	0.0	0.0	0.0
Flowering dogwood	3,386.6	3,088.4	68.2	195.6	34.4	0.0	0.0	0.0	0.0	0.0	0.0
Hawthorn	2,076.3	1,908.0	89.8	78.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common persimmon	1,083.5	767.8	11.1	103.3	93.7	70.3	37.4	0.0	0.0	0.0	0.0
American Beech	3,129.7	172.2	18.7	78.5	435.2	975.9	1,301.0	123.1	25.0	0.0	0.0
White ash	3,894.1	1,175.4	2.5	233.0	525.6	1,379.3	409.1	169.2	0.0	0.0	0.0
Green ash	9,342.6	1,541.5	95.8	731.3	1,785.0	2,489.4	2,056.1	578.7	64.9	0.0	0.0
Waterlocust	637.0	201.2	0.0	120.8	97.1	64.0	117.9	36.0	0.0	0.0	0.0
Honeylocust	1,021.3	251.2	15.9	195.5	247.2	154.0	93.2	32.2	32.1	0.0	0.0
American holly	2,109.7	1,207.9	52.8	457.2	309.6	67.9	14.3	0.0	0.0	0.0	0.0
Black walnut	476.5	33.8	11.0	36.3	149.8	185.9	59.6	0.0	0.0	0.0	0.0
Sweetgum	63,378.0	13,054.6	376.4	3,770.8	10,393.6	16,577.9	12,578.7	4,736.5	1,550.4	339.2	0.0
Osage-orange	447.1	219.6	28.2	149.9	49.4	0.0	0.0	0.0	0.0	0.0	0.0
Cucumbertree	34.3	15.5	0.0	4.3	0.0	14.5	0.0	0.0	0.0	0.0	0.0
Southern magnolia	945.2	75.9	0.0	72.6	229.3	264.4	254.3	48.8	0.0	0.0	0.0
Sweetbay	1,968.9	784.2	6.2	201.6	403.9	443.0	130.0	0.0	0.0	0.0	0.0
Chinaberry	103.5	5.4	4.6	0.0	93.5	0.0	0.0	0.0	0.0	0.0	0.0
White mulberry	5.8	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red mulberry	457.2	221.6	2.0	157.4	54.8	21.4	0.0	0.0	0.0	0.0	0.0
Water tupelo	2,626.0	217.7	23.7	166.5	370.9	713.8	792.2	341.1	0.0	0.0	0.0

Table 42.—*Wood and bark dry weight of stems in live trees on timberland by species and height class, east Texas, 1992**—*Continued*

Species common name‡	All classes	Height class in feet† (*from a 1-foot stump to treetop*) <15	16–29	30–44	45–59	60–74	75–89	90–104	105–119	120–134	≥135
	Million pounds										
Blackgum	13,178.6	2,303.4	108.9	1,420.5	2,449.6	2,948.6	2,871.0	805.6	110.6	160.3	0.0
Swamp tupelo	18.5	0.0	0.0	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0
Ironwood	4,153.1	2,735.7	47.6	618.5	692.8	58.4	0.0	0.0	0.0	0.0	0.0
Sourwood	17.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Redbay	670.4	603.3	22.3	44.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water-elm	689.3	344.1	90.6	164.4	70.1	20.1	0.0	0.0	0.0	0.0	0.0
American sycamore	977.8	141.7	7.0	29.9	143.9	167.4	197.2	129.8	52.1	108.9	0.0
Eastern Cottonwood	1,243.4	9.6	0.0	20.2	44.8	68.0	89.7	152.5	459.8	334.5	64.3
Black cherry	1,009.0	496.4	0.0	99.5	260.9	69.2	83.0	0.0	0.0	0.0	0.0
Plums¶	525.3	474.6	33.8	16.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White oak	17,092.1	1,792.8	49.0	761.7	2,346.2	4,328.8	4,981.0	2,287.8	420.7	124.0	0.0
Swamp white oak	26.4	0.0	0.0	0.0	0.0	0.0	26.4	0.0	0.0	0.0	0.0
Scarlet oak	15.2	0.0	0.0	0.0	15.2	0.0	0.0	0.0	0.0	0.0	0.0
Durand oak	17.9	0.0	0.0	0.0	17.9	0.0	0.0	0.0	0.0	0.0	0.0
Southern red oak	33,931.3	2,911.5	117.8	1,836.2	7,387.7	11,337.5	8,096.7	1,949.9	294.0	0.0	0.0
Cherrybark oak	14,043.5	937.1	18.7	292.7	1,725.9	2,426.9	3,903.2	2,359.3	1,683.7	448.7	247.3
Bluejack oak	1,341.4	586.5	46.0	331.7	357.0	20.1	0.0	0.0	0.0	0.0	0.0
Turkey oak	28.2	0.5	0.0	0.0	0.0	0.0	27.8	0.0	0.0	0.0	0.0
Laurel oak	7,603.1	1,108.2	43.4	470.8	1,378.8	2,011.4	1,831.1	640.2	73.8	45.3	0.0
Overcup oak	8,306.4	296.6	35.9	462.7	1,697.7	2,793.6	2,061.5	686.9	271.6	0.0	0.0
Bur oak	13.8	0.0	0.0	0.0	0.0	13.8	0.0	0.0	0.0	0.0	0.0
Blackjack oak	4,510.0	859.7	282.0	1,268.2	1,739.7	333.2	27.2	0.0	0.0	0.0	0.0
Swamp chestnut oak	3,337.5	58.6	0.0	71.3	226.1	466.0	956.6	944.6	526.5	87.9	0.0
Chinkapin oak	39.1	0.0	0.0	0.0	0.0	0.0	0.0	39.1	0.0	0.0	0.0
Water oak	47,248.3	5,659.1	109.9	1,659.8	6,318.3	12,281.9	11,957.2	6,379.8	1,986.5	613.1	282.8
Nuttall oak	917.4	18.7	0.0	12.0	136.6	66.3	208.4	232.4	243.0	0.0	0.0
Willow oak	18,078.0	1,763.2	54.3	764.8	2,357.0	4,072.2	4,982.4	2,933.6	857.2	293.4	0.0
Chestnut oak	24.8	0.0	0.0	0.0	0.0	24.8	0.0	0.0	0.0	0.0	0.0
Shumard oak	1,471.4	301.5	6.7	20.6	192.1	266.3	400.9	251.2	32.0	0.0	0.0
Post oak	44,495.5	4,310.3	782.9	8,189.9	17,476.2	10,834.5	2,800.5	101.3	0.0	0.0	0.0
Black oak	2,744.1	272.2	8.1	124.5	699.3	702.9	772.4	164.7	0.0	0.0	0.0
Live oak	84.8	0.0	0.0	17.4	41.2	26.2	0.0	0.0	0.0	0.0	0.0
Black locust	175.3	147.1	0.0	10.6	0.0	17.5	0.0	0.0	0.0	0.0	0.0
Black willow	1,498.6	286.6	16.4	86.1	467.8	486.0	105.8	49.9	0.0	0.0	0.0
Chinese tallowtree	2,831.5	1,695.9	54.8	558.6	443.3	78.8	0.0	0.0	0.0	0.0	0.0
Sassafras	1,471.2	1,019.5	10.9	137.0	230.7	34.6	38.5	0.0	0.0	0.0	0.0
American basswood	243.9	105.6	4.7	0.0	67.5	66.1	0.0	0.0	0.0	0.0	0.0
White basswood	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Winged elm	13,478.1	5,868.0	266.4	2,208.4	3,168.5	1,486.1	336.9	143.7	0.0	0.0	0.0
American elm	4,192.5	695.3	17.1	452.9	731.2	1,048.9	828.7	383.3	35.2	0.0	0.0
Cedar elm	3,364.4	418.4	51.4	486.0	1,304.3	939.2	165.1	0.0	0.0	0.0	0.0
Slippery elm	1,906.0	587.8	33.1	233.8	433.8	353.2	183.5	80.9	0.0	0.0	0.0
Tree sparkleberry	333.7	321.8	0.0	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other species**	161.6	6.1	6.2	70.8	78.5	0.0	0.0	0.0	0.0	0.0	0.0
All species	718,509.6	104,470.5	5,338.6	55,848.8	129,664.3	156,074.9	151,469.6	81,506.2	27,386.8	5,652.2	1,097.6

*Numbers in columns and rows may not total due to rounding.

†Heights measured only on trees ≥ 5.0 inches in d.b.h. All trees ≥1.0 inch in d.b.h. but < 5.0 inches in d.b.h. are placed in <15-foot class.

‡Alphabetized by genus; see species list, appendix 2.

§Unidentified hickories.

¶Includes cherries (except black cherry).

**Other species include noncommercial and unidentified species.

Table 43.—*Wood and bark dry weight of crowns in live trees on timberland by species and height class, east Texas, 1992*[*]

Species common name[‡]	All classes	Height class in feet[†] (*from a 1-foot stump to treetop*)									
		<15	16–29	30–44	45–59	60–74	75–89	90–104	105–119	120–134	≥135
	Million pounds										
Eastern redcedar	484.2	40.5	36.9	220.9	138.6	47.2	0.0	0.0	0.0	0.0	0.0
Shortleaf pine	10,493.3	174.4	68.9	627.7	1,496.6	2,377.4	3,230.4	2,073.7	419.4	24.9	0.0
Slash pine	1,909.5	80.7	13.8	325.5	406.6	560.8	325.5	172.0	24.7	0.0	0.0
Longleaf pine	1,024.4	9.6	10.2	81.1	141.6	329.3	280.6	155.1	16.8	0.0	0.0
Loblolly pine	42,526.5	1,586.0	567.4	5,840.4	8,610.8	6,887.1	8,931.3	6,577.2	2,881.7	542.5	102.1
Baldcypress	561.0	1.0	6.8	36.6	80.4	141.0	127.9	88.6	60.9	17.7	0.0
Florida maple	169.1	12.7	7.6	17.4	48.1	55.6	21.0	6.6	0.0	0.0	0.0
Boxelder	142.5	17.7	6.9	2.8	93.9	21.2	0.0	0.0	0.0	0.0	0.0
Red maple	1,809.8	166.7	53.0	333.2	716.7	402.0	81.3	35.0	10.8	11.1	0.0
Silver maple	4.3	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0
Sugar maple	23.8	2.5	0.0	6.8	0.0	7.0	7.5	0.0	0.0	0.0	0.0
River birch	1,019.2	31.7	0.0	105.2	307.1	372.9	202.3	0.0	0.0	0.0	0.0
Bumelia	52.4	14.0	11.2	10.6	12.1	4.5	0.0	0.0	0.0	0.0	0.0
Bluebeech, American hornbeam	1,042.8	238.1	136.9	508.2	146.2	6.4	6.9	0.0	0.0	0.0	0.0
Hickories[§]	797.3	40.6	24.1	143.2	196.4	242.7	77.3	29.2	43.8	0.0	0.0
Water hickory	1,152.7	35.2	2.0	112.9	205.8	250.9	334.9	152.5	26.8	31.7	0.0
Bitternut hickory	284.4	14.4	4.0	78.2	84.6	54.6	27.6	20.9	0.0	0.0	0.0
Pignut hickory	122.1	3.9	2.4	44.1	45.9	25.7	0.0	0.0	0.0	0.0	0.0
Pecan	306.8	5.3	13.5	45.1	35.3	64.4	125.7	17.4	0.0	0.0	0.0
Shellbark hickory	62.6	0.0	0.0	15.1	22.5	0.0	10.6	9.4	5.0	0.0	0.0
Shagbark hickory	53.9	0.0	0.0	10.5	13.5	8.3	0.0	0.0	3.7	17.9	0.0
Black hickory	1,357.5	78.2	42.0	248.3	490.5	290.7	130.4	77.5	0.0	0.0	0.0
Mockernut hickory	1,446.1	83.4	40.3	243.5	415.0	420.5	155.3	88.2	0.0	0.0	0.0
Chinkapin	4.8	2.7	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allegheny chinkapin	4.1	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catalpa	9.0	0.0	0.0	0.0	2.7	6.4	0.0	0.0	0.0	0.0	0.0
Sugarberry	2,647.7	154.2	69.2	464.8	897.7	552.0	450.9	59.0	0.0	0.0	0.0
Hackberry	19.1	9.1	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern redbud	61.6	25.5	8.6	16.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0
Flowering dogwood	452.4	270.5	53.2	115.7	13.0	0.0	0.0	0.0	0.0	0.0	0.0
Hawthorn	272.6	165.9	56.5	50.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common persimmon	205.1	66.8	10.6	61.2	32.1	23.2	11.2	0.0	0.0	0.0	0.0
American Beech	1,493.6	15.0	19.6	45.6	173.6	424.8	724.4	71.4	19.3	0.0	0.0
White ash	1,351.4	102.2	5.3	131.9	250.1	610.3	178.2	73.4	0.0	0.0	0.0
Green ash	3,820.5	134.0	53.0	404.3	890.0	1,143.5	907.5	258.9	29.2	0.0	0.0
Waterlocust	177.7	17.5	0.0	42.0	35.4	20.3	50.0	12.5	0.0	0.0	0.0
Honeylocust	336.9	21.8	8.8	76.5	80.3	62.3	50.6	15.7	20.8	0.0	0.0
American holly	395.3	105.0	27.5	171.0	73.1	16.1	2.6	0.0	0.0	0.0	0.0
Black walnut	172.3	2.9	3.9	15.3	45.1	70.5	34.6	0.0	0.0	0.0	0.0
Sweetgum	13,759.3	1,142.3	177.9	1,686.1	2,908.7	3,135.0	2,704.8	1,373.1	504.8	126.6	0.0
Osage-orange	114.4	19.1	12.4	64.4	18.5	0.0	0.0	0.0	0.0	0.0	0.0
Cucumbertree	7.6	1.4	0.0	4.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0
Southern magnolia	247.7	6.6	0.0	26.3	58.0	68.9	72.7	15.2	0.0	0.0	0.0
Sweetbay	374.2	68.2	4.2	72.6	105.3	96.9	27.0	0.0	0.0	0.0	0.0
Chinaberry	38.9	0.5	3.9	0.0	34.6	0.0	0.0	0.0	0.0	0.0	0.0
White mulberry	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Red mulberry	92.4	19.3	1.2	54.4	13.9	3.7	0.0	0.0	0.0	0.0	0.0
Water tupelo	714.1	18.9	13.1	61.3	115.1	174.3	228.4	102.9	0.0	0.0	0.0

Table 43.—*Wood and bark dry weight of crowns in live trees on timberland by species and height class, east Texas, 1992**—*Continued*

Species common name‡	All classes	Height class in feet† (*from a 1-foot stump to treetop*) <15	16–29	30–44	45–59	60–74	75–89	90–104	105–119	120–134	≥135
	Million pounds										
Blackgum	4,271.4	203.8	94.2	929.4	1,048.6	905.5	798.4	214.2	29.7	47.5	0.0
Swamp tupelo	8.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0
Ironwood	949.8	237.9	27.1	351.6	310.4	22.8	0.0	0.0	0.0	0.0	0.0
Sourwood	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Redbay	79.7	52.5	10.3	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Water-elm	131.7	29.9	33.0	46.4	18.9	3.4	0.0	0.0	0.0	0.0	0.0
American sycamore	195.3	12.3	1.7	14.7	45.3	29.4	44.3	21.6	9.7	16.3	0.0
Eastern Cottonwood	356.0	0.8	0.0	18.9	8.0	16.2	27.8	48.0	124.0	92.5	19.8
Black cherry	241.2	43.2	0.0	58.8	88.6	20.1	30.6	0.0	0.0	0.0	0.0
Plums¶	71.4	41.3	14.6	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White oak	7,236.9	155.9	33.4	408.6	920.5	1,699.7	2,441.8	1,250.8	223.0	103.1	0.0
Swamp white oak	7.8	0.0	0.0	0.0	0.0	0.0	7.8	0.0	0.0	0.0	0.0
Scarlet oak	5.3	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0
Durand oak	6.4	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0
Southern red oak	14,060.3	255.9	56.4	786.7	2,324.7	4,639.6	4,455.0	1,279.5	262.5	0.0	0.0
Cherrybark oak	7,197.7	81.5	11.0	154.6	526.8	873.3	2,008.4	1,540.0	1,353.3	378.4	270.5
Bluejack oak	304.2	51.0	24.4	109.1	111.7	8.1	0.0	0.0	0.0	0.0	0.0
Turkey oak	13.6	0.0	0.0	0.0	0.0	0.0	13.5	0.0	0.0	0.0	0.0
Laurel oak	3,510.2	96.4	18.8	214.3	576.5	926.7	1,137.7	459.4	54.2	26.0	0.0
Overcup oak	4,109.4	25.8	18.1	223.6	705.9	1,367.7	1,103.6	408.0	256.7	0.0	0.0
Bur oak	12.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0
Blackjack oak	914.4	74.8	78.7	266.5	401.5	88.7	4.4	0.0	0.0	0.0	0.0
Swamp chestnut oak	1,173.8	5.1	0.0	20.6	43.4	116.8	338.1	357.8	253.1	38.9	0.0
Chinkapin oak	23.6	0.0	0.0	0.0	0.0	0.0	0.0	23.6	0.0	0.0	0.0
Water oak	17,859.9	494.5	69.3	776.1	2,282.5	4,330.8	5,173.4	3,111.3	1,102.4	355.3	164.3
Nuttall oak	412.2	1.6	0.0	6.2	62.0	18.0	94.9	110.1	119.4	0.0	0.0
Willow oak	7,117.8	153.3	30.6	353.3	850.9	1,508.8	2,221.9	1,410.5	445.4	142.8	0.0
Chestnut oak	7.4	0.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0	0.0	0.0
Shumard oak	510.6	26.2	3.6	15.1	76.5	98.7	150.7	127.6	12.2	0.0	0.0
Post oak	18,925.2	382.1	510.4	4,009.2	7,626.1	4,860.0	1,488.2	49.0	0.0	0.0	0.0
Black oak	918.7	23.7	1.8	49.6	189.3	246.5	338.9	69.0	0.0	0.0	0.0
Live oak	37.0	0.0	0.0	6.0	18.5	12.5	0.0	0.0	0.0	0.0	0.0
Black locust	25.0	12.8	0.0	5.9	0.0	6.4	0.0	0.0	0.0	0.0	0.0
Black willow	349.6	24.9	6.5	39.7	119.4	113.4	28.9	16.8	0.0	0.0	0.0
Chinese tallowtree	576.5	147.3	36.4	233.6	144.1	15.0	0.0	0.0	0.0	0.0	0.0
Sassafras	274.0	89.5	10.9	62.6	92.9	7.5	10.6	0.0	0.0	0.0	0.0
American basswood	56.1	9.2	1.1	1.5	22.9	21.5	0.0	0.0	0.0	0.0	0.0
White basswood	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Winged elm	2,736.2	510.3	155.5	854.5	775.3	319.6	87.0	33.9	0.0	0.0	0.0
American elm	1,027.9	60.5	11.9	173.3	190.0	239.3	210.0	134.9	8.0	0.0	0.0
Cedar elm	752.4	36.4	22.5	149.0	296.2	208.2	40.2	0.0	0.0	0.0	0.0
Slippery elm	434.7	51.1	14.6	87.8	122.4	88.1	49.6	21.1	0.0	0.0	0.0
Tree sparkleberry	30.3	28.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other species**	54.5	3.9	2.4	23.5	24.6	0.0	0.0	0.0	0.0	0.0	0.0
All species	190,607.1	8,431.3	2,879.9	23,119.0	39,507.3	41,812.8	41,832.9	22,172.5	8,321.3	1,973.3	556.7

*Numbers in columns and rows may not total due to rounding.

†Heights measured only on trees ≥ 5.0 inches in d.b.h. All trees ≥1.0 inch in d.b.h. but < 5.0 inches in d.b.h. are placed in <15-foot class.

‡Alphabetized by genus; see species list, appendix 2.

§Unidentified hickories.

¶Includes cherries (except black cherry).

**Other species include noncommercial and unidentified species.

Table 44.—*Wood and bark fresh weight of live trees on timberland by county and height class, east Texas, 1992*[*]

County	Height class in feet[†] (*from 1-foot stump to treetop*)											
	All classes		<20		20–59		60–99		100–139		≥140	
	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]
	Million pounds											
Anderson	14,993.7	39,347.5	1,382.8	3,876.6	3,592.1	14,380.3	9,074.2	19,290.9	944.6	1,799.7	0.0	0.0
Angelina	42,828.6	19,762.2	3,595.4	2,292.8	7,433.7	5,746.7	26,200.1	10,766.5	5,599.3	956.2	0.0	0.0
Bowie	10,564.4	26,391.3	1,267.1	2,976.1	2,189.9	6,549.9	5,598.1	14,460.7	1,509.3	2,404.7	0.0	0.0
Camp	1,785.2	3,328.1	124.3	1,002.2	221.7	1,118.6	1,439.2	1,207.3	0.0	0.0	0.0	0.0
Cass	20,315.4	48,455.7	1,477.6	6,637.8	7,135.7	10,011.5	11,317.9	25,699.2	384.2	6,107.3	0.0	0.0
Chambers	597.5	1,248.8	0.0	554.8	99.4	405.1	498.1	288.8	0.0	0.0	0.0	0.0
Cherokee	23,861.3	36,774.3	2,502.8	5,920.8	7,019.0	10,801.8	12,998.8	18,557.6	1,340.7	1,494.0	0.0	0.0
Franklin	1,318.7	5,447.3	369.6	672.0	712.2	1,436.1	236.9	3,339.2	0.0	0.0	0.0	0.0
Gregg	3,142.8	8,556.4	251.6	680.4	1,303.2	2,353.9	1,587.9	5,415.3	0.0	106.8	0.0	0.0
Grimes	5,163.2	11,173.3	544.3	1,159.4	2,329.7	6,491.1	2,212.8	3,522.8	76.4	0.0	0.0	0.0
Hardin	21,257.2	25,187.4	3,636.6	4,923.0	8,179.8	6,596.2	8,937.0	12,027.9	503.9	1,640.3	0.0	0.0
Harris	14,278.8	15,075.1	574.1	3,098.3	2,450.0	4,948.9	11,033.3	6,568.8	221.3	459.1	0.0	0.0
Harrison	28,792.0	35,768.4	2,527.9	6,756.2	8,681.5	11,977.3	17,582.7	16,951.3	0.0	83.6	0.0	0.0
Henderson	4,757.5	16,377.9	475.6	2,651.8	2,306.8	9,762.2	1,975.0	3,963.9	0.0	0.0	0.0	0.0
Houston	31,708.7	31,316.9	1,738.6	4,528.8	5,283.4	9,801.1	17,840.4	13,468.4	6,846.3	3,163.5	0.0	355.1
Jasper	36,728.7	43,601.5	1,507.0	5,025.9	5,663.4	10,665.3	22,309.5	22,713.4	7,248.8	5,197.0	0.0	0.0
Jefferson	1,272.6	8,566.6	26.3	1,434.5	196.5	3,762.9	777.4	3,282.0	272.3	87.3	0.0	0.0
Leon	2,105.6	33,484.4	40.4	3,808.8	465.9	18,157.5	1,599.3	11,266.4	0.0	251.8	0.0	0.0
Liberty	10,820.9	42,089.9	578.8	5,191.6	1,834.2	12,357.2	5,717.4	22,319.4	2,690.5	2,221.7	0.0	0.0
Madison	1,366.8	7,759.2	28.1	540.8	379.3	3,633.1	959.4	3,481.1	0.0	104.3	0.0	0.0
Marion	13,863.0	17,887.7	596.7	3,011.4	1,857.0	5,720.3	10,997.2	9,156.1	412.2	0.0	0.0	0.0
Montgomery	46,334.7	36,175.7	2,105.3	6,093.9	5,671.8	12,152.7	30,886.6	17,375.4	7,671.0	553.8	0.0	0.0
Morris	4,419.1	9,046.3	688.8	1,659.8	1,062.2	2,080.0	2,668.1	5,306.4	0.0	0.0	0.0	0.0
Nacogdoches	31,118.3	34,370.0	2,080.3	5,890.0	6,037.6	8,958.7	20,011.9	17,641.5	2,978.5	1,879.7	0.0	0.0
Newton	36,997.2	35,492.2	4,409.8	6,803.4	10,714.7	7,763.4	18,558.1	18,251.3	3,314.6	2,674.1	0.0	0.0
Orange	6,568.8	11,870.3	134.7	1,299.6	955.4	2,707.9	4,045.1	7,681.7	1,433.6	181.1	0.0	0.0
Panola	26,890.1	30,364.5	1,164.8	5,712.1	7,692.8	8,583.2	11,932.6	15,360.4	6,099.9	708.8	0.0	0.0
Polk	41,923.2	29,043.0	5,814.7	5,438.1	15,804.6	8,518.2	15,186.6	13,379.4	4,616.4	1,587.5	500.9	119.9
Red River	5,642.0	32,718.1	541.4	3,832.5	1,659.5	13,112.6	3,441.1	15,585.7	0.0	187.3	0.0	0.0
Rusk	28,960.4	30,005.9	2,016.9	4,178.4	3,482.7	9,489.5	20,072.5	15,227.7	3,388.4	1,110.4	0.0	0.0
Sabine	30,438.4	17,927.7	1,248.7	3,765.9	4,736.1	3,004.7	17,008.4	9,229.3	7,445.1	1,927.8	0.0	0.0
San Augustine	24,072.0	18,659.9	2,306.7	3,685.0	8,717.3	4,864.5	11,388.3	9,040.1	1,659.9	985.0	0.0	85.2
San Jacinto	24,240.6	19,588.5	1,517.7	2,565.9	3,722.0	5,171.9	15,171.3	11,325.1	3,829.5	525.7	0.0	0.0
Shelby	25,861.5	36,529.9	1,670.5	5,742.6	4,844.9	9,042.6	15,668.2	17,839.7	3,677.9	3,766.6	0.0	138.5
Smith	11,516.6	22,571.4	770.1	3,506.0	4,673.9	9,379.2	5,909.1	9,686.2	163.5	0.0	0.0	0.0
Titus	2,443.1	11,132.1	248.8	1,444.6	1,115.4	3,642.8	1,078.9	5,774.7	0.0	270.0	0.0	0.0
Trinity	28,700.2	18,695.2	2,455.2	2,181.8	6,609.3	4,467.8	14,791.8	7,995.5	4,843.9	4,050.0	0.0	0.0
Tyler	28,061.0	32,776.9	4,050.3	6,289.0	8,162.6	8,013.6	13,008.2	13,548.6	2,839.8	4,590.0	0.0	335.7
Upshur	18,919.8	21,519.2	1,319.8	4,275.2	4,169.6	5,666.5	12,601.0	11,324.1	829.3	253.4	0.0	0.0
Van Zandt	1,161.8	14,493.6	86.0	1,577.2	383.9	7,120.5	691.9	5,795.9	0.0	0.0	0.0	0.0
Walker	31,636.5	19,168.9	2,178.1	3,199.3	5,543.6	8,307.1	21,864.9	7,194.4	2,050.0	468.2	0.0	0.0
Waller	6,411.1	6,410.0	293.2	739.0	800.9	3,151.7	5,165.0	2,519.2	152.0	0.0	0.0	0.0
Wood	10,530.0	19,728.3	852.7	2,835.9	2,610.6	7,473.9	6,994.4	9,339.5	72.2	79.0	0.0	0.0
All counties	764,368.8	985,887.4	61,200.0	149,459.1	178,516.1	309,349.9	439,036.6	474,168.6	85,115.2	51,875.4	500.9	1,034.3

[*]Numbers in columns and rows may not total due to rounding.

[†]Heights measured only on trees ≥ 5.0 inches in d.b.h. All trees ≥1.0 inch in d.b.h. but < 5.0 inches in d.b.h. are placed in < 20-foot class.

[‡]Softwood species.

[§]Hardwood species.

Table 45.—*Wood and bark fresh weight of stems in live trees on timberland by county and height class, east Texas, 1992*[*]

County	Height class in feet[†] (*from 1-foot stump to treetop*)											
	All classes		<20		20–59		60–99		100–139		≥140	
	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]
	Million pounds											
Anderson	12,690.8	28,793.2	1,239.5	3,225.9	2,879.9	10,467.0	7,790.3	13,900.6	781.1	1,199.7	0.0	0.0
Angelina	35,854.6	14,601.2	3,218.0	1,915.3	5,583.5	4,131.8	22,346.1	7,952.8	4,707.0	601.3	0.0	0.0
Bowie	8,817.8	19,545.9	1,128.5	2,506.0	1,661.2	4,657.5	4,743.9	10,513.7	1,284.2	1,868.7	0.0	0.0
Camp	1,538.0	2,579.4	110.9	839.8	192.2	857.6	1,234.9	882.0	0.0	0.0	0.0	0.0
Cass	17,182.1	36,218.2	1,323.5	5,613.1	5,745.7	7,195.4	9,784.5	19,342.4	328.5	4,067.4	0.0	0.0
Chambers	511.6	933.5	0.0	465.1	82.2	282.1	429.4	186.3	0.0	0.0	0.0	0.0
Cherokee	20,213.5	27,995.6	2,245.2	4,985.7	5,571.0	7,838.6	11,246.5	14,192.0	1,150.7	979.3	0.0	0.0
Franklin	1,113.7	4,124.4	325.3	555.4	582.4	1,051.3	206.0	2,517.7	0.0	0.0	0.0	0.0
Gregg	2,640.5	6,254.6	226.7	587.1	1,062.1	1,762.3	1,351.7	3,833.1	0.0	72.1	0.0	0.0
Grimes	4,350.1	8,172.0	487.0	967.4	1,897.3	4,712.1	1,902.6	2,492.5	63.3	0.0	0.0	0.0
Hardin	17,344.7	18,613.6	3,261.9	4,035.8	6,074.1	4,702.3	7,583.4	8,840.8	425.3	1,034.7	0.0	0.0
Harris	12,151.7	11,351.6	513.9	2,609.3	2,007.6	3,606.0	9,444.3	4,825.7	185.9	310.6	0.0	0.0
Harrison	24,363.2	27,085.3	2,267.2	5,733.4	6,881.1	8,836.7	15,214.8	12,457.4	0.0	57.8	0.0	0.0
Henderson	4,018.3	12,152.7	423.5	2,200.2	1,906.8	7,115.0	1,688.0	2,837.5	0.0	0.0	0.0	0.0
Houston	26,659.9	23,167.1	1,557.7	3,809.9	4,007.7	7,132.9	15,306.0	9,902.8	5,788.6	2,140.5	0.0	181.1
Jasper	30,767.6	31,985.5	1,350.7	4,210.7	4,317.2	7,576.7	18,978.3	16,736.1	6,121.4	3,461.9	0.0	0.0
Jefferson	1,106.1	6,413.9	22.9	1,239.2	174.7	2,708.2	677.6	2,407.5	231.0	59.1	0.0	0.0
Leon	1,786.7	24,649.1	36.3	3,107.0	378.2	13,105.7	1,372.3	8,269.2	0.0	167.3	0.0	0.0
Liberty	9,145.7	31,500.7	519.1	4,322.1	1,442.2	9,045.2	4,919.6	16,645.2	2,264.8	1,488.2	0.0	0.0
Madison	1,148.3	5,786.6	25.2	453.1	301.6	2,646.7	821.4	2,618.7	0.0	68.1	0.0	0.0
Marion	11,872.4	13,623.6	536.4	2,512.2	1,514.4	4,127.0	9,474.7	6,984.3	346.9	0.0	0.0	0.0
Montgomery	39,183.0	27,238.5	1,885.5	5,075.9	4,377.9	8,998.7	26,425.2	12,783.4	6,494.4	380.5	0.0	0.0
Morris	3,723.1	6,793.6	618.1	1,397.9	818.6	1,514.1	2,286.3	3,881.6	0.0	0.0	0.0	0.0
Nacogdoches	26,426.2	25,820.1	1,877.6	4,884.0	4,739.9	6,548.2	17,287.6	13,056.7	2,521.2	1,331.2	0.0	0.0
Newton	30,806.9	26,912.2	3,984.3	5,646.3	8,134.9	5,658.7	15,857.0	13,731.7	2,830.8	1,875.6	0.0	0.0
Orange	5,549.6	8,577.1	120.7	1,074.5	768.1	1,954.4	3,454.0	5,430.0	1,206.8	118.2	0.0	0.0
Panola	22,701.1	22,589.3	1,044.6	4,816.4	6,189.4	6,287.8	10,270.2	11,013.9	5,196.9	471.2	0.0	0.0
Polk	34,295.4	21,580.6	5,201.5	4,546.3	11,782.9	6,189.1	12,964.0	9,677.0	3,928.0	1,084.5	419.1	83.7
Red River	4,751.0	23,957.4	486.0	3,128.9	1,308.1	9,457.6	2,956.9	11,227.3	0.0	143.6	0.0	0.0
Rusk	24,786.2	22,727.5	1,810.1	3,610.9	2,742.1	7,041.7	17,338.1	11,362.1	2,896.0	712.9	0.0	0.0
Sabine	25,578.1	13,429.9	1,117.6	3,126.0	3,603.2	2,091.8	14,569.8	6,910.2	6,287.4	1,301.8	0.0	0.0
San Augustine	19,790.1	13,982.6	2,067.1	3,044.6	6,529.3	3,426.3	9,775.5	6,743.6	1,418.3	714.8	0.0	53.3
San Jacinto	20,444.9	14,899.8	1,359.2	2,134.1	2,812.6	3,759.3	13,027.8	8,640.8	3,245.4	365.5	0.0	0.0
Shelby	21,767.6	27,074.3	1,498.2	4,823.9	3,708.4	6,610.9	13,465.8	13,020.1	3,095.2	2,526.9	0.0	92.5
Smith	9,794.1	16,588.8	695.8	2,957.1	3,902.5	6,832.1	5,057.3	6,799.5	138.5	0.0	0.0	0.0
Titus	2,072.7	8,095.0	224.5	1,199.3	911.0	2,643.2	937.2	4,083.0	0.0	169.4	0.0	0.0
Trinity	23,995.8	13,409.3	2,197.4	1,864.1	5,068.9	3,254.2	12,658.7	5,801.5	4,070.8	2,489.5	0.0	0.0
Tyler	23,394.5	24,209.1	3,645.6	5,179.8	6,228.5	5,681.5	11,106.7	10,026.5	2,413.7	3,161.7	0.0	159.6
Upshur	16,154.8	16,571.5	1,185.1	3,607.5	3,362.7	4,130.4	10,892.7	8,664.3	714.2	169.3	0.0	0.0
Van Zandt	984.5	10,532.3	77.8	1,302.1	310.7	5,139.2	596.1	4,091.0	0.0	0.0	0.0	0.0
Walker	26,648.7	14,297.0	1,949.8	2,683.9	4,239.7	5,956.2	18,730.7	5,317.8	1,728.5	339.0	0.0	0.0
Waller	5,490.8	4,741.9	262.6	627.1	646.7	2,291.1	4,450.9	1,823.7	130.6	0.0	0.0	0.0
Wood	9,024.2	14,786.1	766.1	2,339.9	2,121.5	5,453.6	6,073.6	6,938.5	63.0	54.1	0.0	0.0
All counties	642,640.7	734,361.5	54,894.5	124,964.4	138,570.6	224,478.0	376,698.1	349,362.5	72,058.4	34,986.5	419.1	570.2

[*]Numbers in columns and rows may not total due to rounding.

[†]Heights measured only on trees ≥ 5.0 inches in d.b.h. All trees ≥1.0 inch in d.b.h. but < 5.0 inches in d.b.h. are placed in < 20-foot class.

[‡]Softwood species.

[§]Hardwood species.

Table 46.—*Wood and bark fresh weight of crowns in live trees on timberland by county and height class, east Texas, 1992**

County	Height class in feet† (*from 1-foot stump to treetop*)											
	All classes		<20		20–59		60–99		100–139		≥140	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds											
Anderson	2,302.9	10,554.3	143.3	650.7	712.2	3,913.3	1,283.9	5,390.2	163.5	600.1	0.0	0.0
Angelina	6,974.0	5,161.1	377.5	377.5	1,850.2	1,614.9	3,854.0	2,813.7	892.3	354.9	0.0	0.0
Bowie	1,746.6	6,845.5	138.6	470.1	528.7	1,892.4	854.3	3,947.0	225.1	535.9	0.0	0.0
Camp	247.2	748.7	13.4	162.4	29.5	261.0	204.3	325.3	0.0	0.0	0.0	0.0
Cass	3,133.3	12,237.5	154.2	1,024.7	1,390.0	2,816.1	1,533.4	6,356.8	55.7	2,039.9	0.0	0.0
Chambers	86.0	315.3	0.0	89.7	17.2	123.0	68.7	102.5	0.0	0.0	0.0	0.0
Cherokee	3,647.8	8,778.7	257.6	935.1	1,448.0	2,963.3	1,752.3	4,365.7	190.0	514.7	0.0	0.0
Franklin	204.9	1,322.9	44.2	116.7	129.8	384.8	30.9	821.4	0.0	0.0	0.0	0.0
Gregg	502.3	2,301.8	25.0	93.3	241.1	591.6	236.2	1,582.2	0.0	34.7	0.0	0.0
Grimes	813.0	3,001.4	57.3	191.9	432.4	1,779.1	310.2	1,030.4	13.1	0.0	0.0	0.0
Hardin	3,912.6	6,573.8	374.7	887.2	2,105.7	1,893.9	1,353.6	3,187.1	78.6	605.6	0.0	0.0
Harris	2,127.1	3,723.4	60.2	489.0	442.4	1,342.9	1,589.0	1,743.1	35.4	148.4	0.0	0.0
Harrison	4,428.8	8,683.1	260.6	1,022.9	1,800.3	3,140.5	2,367.9	4,493.9	0.0	25.8	0.0	0.0
Henderson	739.2	4,225.2	52.1	451.7	400.0	2,647.1	287.0	1,126.4	0.0	0.0	0.0	0.0
Houston	5,048.8	8,149.8	180.9	718.9	1,275.7	2,668.2	2,534.5	3,565.6	1,057.7	1,023.1	0.0	174.0
Jasper	5,961.0	11,616.0	156.3	815.2	1,346.2	3,088.6	3,331.2	5,977.3	1,127.4	1,735.0	0.0	0.0
Jefferson	166.4	2,152.7	3.4	195.3	21.9	1,054.6	99.8	874.5	41.4	28.2	0.0	0.0
Leon	318.9	8,835.3	4.1	701.8	87.8	5,051.8	227.1	2,997.3	0.0	84.4	0.0	0.0
Liberty	1,675.2	10,589.2	59.7	869.5	392.0	3,312.0	797.7	5,674.2	425.7	733.5	0.0	0.0
Madison	218.5	1,972.6	2.9	87.6	77.6	986.4	138.0	862.4	0.0	36.2	0.0	0.0
Marion	1,990.7	4,264.2	60.4	499.1	342.5	1,593.2	1,522.5	2,171.8	65.2	0.0	0.0	0.0
Montgomery	7,151.7	8,937.2	219.7	1,018.0	1,293.9	3,154.0	4,461.5	4,592.0	1,176.6	173.3	0.0	0.0
Morris	696.1	2,252.7	70.8	262.0	243.6	565.9	381.7	1,424.8	0.0	0.0	0.0	0.0
Nacogdoches	4,692.1	8,549.9	202.8	1,006.0	1,307.7	2,410.5	2,724.3	4,584.8	457.3	548.6	0.0	0.0
Newton	6,190.2	8,580.0	425.5	1,157.1	2,579.9	2,104.7	2,701.1	4,519.7	483.8	798.5	0.0	0.0
Orange	1,019.1	3,293.2	14.0	225.1	187.3	753.5	591.1	2,251.7	226.8	62.9	0.0	0.0
Panola	4,189.1	7,775.2	120.2	895.7	1,503.4	2,295.4	1,662.4	4,346.5	903.0	237.6	0.0	0.0
Polk	7,627.8	7,462.3	613.2	891.8	4,021.7	2,329.1	2,222.6	3,702.4	688.5	503.0	81.8	36.1
Red River	891.0	8,760.7	55.3	703.6	351.4	3,655.1	484.2	4,358.4	0.0	43.7	0.0	0.0
Rusk	4,174.2	7,278.4	206.8	567.5	740.6	2,447.8	2,734.4	3,865.7	492.4	397.5	0.0	0.0
Sabine	4,860.3	4,497.8	131.1	639.9	1,132.9	912.9	2,438.6	2,319.1	1,157.6	626.0	0.0	0.0
San Augustine	4,282.0	4,677.3	239.6	640.4	2,188.0	1,438.3	1,612.8	2,296.5	241.6	270.2	0.0	31.9
San Jacinto	3,795.6	4,688.7	158.5	431.7	909.4	1,412.6	2,143.6	2,684.3	584.2	160.1	0.0	0.0
Shelby	4,093.9	9,455.5	172.3	918.7	1,136.5	2,431.7	2,202.5	4,819.6	582.7	1,239.6	0.0	46.0
Smith	1,722.6	5,982.6	74.3	548.9	771.5	2,547.1	851.9	2,886.6	24.9	0.0	0.0	0.0
Titus	370.4	3,037.1	24.3	245.3	204.4	999.6	141.6	1,691.6	0.0	100.6	0.0	0.0
Trinity	4,704.4	5,285.8	257.8	317.7	1,540.4	1,213.6	2,133.1	2,194.0	773.2	1,560.6	0.0	0.0
Tyler	4,666.5	8,567.8	404.7	1,109.1	1,934.1	2,332.1	1,901.5	3,522.1	426.1	1,428.3	0.0	176.1
Upshur	2,764.9	4,947.7	134.7	667.7	806.9	1,536.2	1,708.3	2,659.8	115.1	84.0	0.0	0.0
Van Zandt	177.3	3,961.3	8.2	275.0	73.3	1,981.3	95.8	1,704.9	0.0	0.0	0.0	0.0
Walker	4,987.9	4,871.9	228.3	515.4	1,303.9	2,350.8	3,134.2	1,876.5	321.5	129.1	0.0	0.0
Waller	920.3	1,668.1	30.6	111.9	154.2	860.7	714.1	695.5	21.3	0.0	0.0	0.0
Wood	1,505.7	4,942.2	86.6	496.0	489.1	2,020.3	920.9	2,401.0	9.1	24.9	0.0	0.0
All counties	121,728.1	251,525.8	6,305.5	24,494.7	39,945.5	84,871.9	62,338.5	124,806.1	13,056.8	16,889.0	81.8	464.2

*Numbers in columns and rows may not total due to rounding.

†Heights measured only on trees ≥ 5.0 inches in d.b.h. All trees ≥1.0 inch in d.b.h. but < 5.0 inches in d.b.h. are placed in < 20-foot class.

‡Softwood species.

§Hardwood species.

Table 47.—*Wood and bark dry weight of live trees on timberland by county and height class, east Texas, 1992*[*]

County	All classes		Height class in feet[†] (*from 1-foot stump to treetop*) <20		20–59		60–99		100–139		≥140	
	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]
	Million pounds											
Anderson	7,388.0	21,400.5	713.8	2,181.0	1,779.9	8,074.6	4,438.0	10,211.0	456.4	934.0	0.0	0.0
Angelina	21,332.2	10,583.9	1,851.8	1,253.1	3,738.0	3,033.5	12,959.8	5,814.2	2,782.7	483.1	0.0	0.0
Bowie	5,242.4	14,396.0	653.6	1,645.7	1,100.0	3,617.6	2,752.1	7,914.8	736.7	1,217.9	0.0	0.0
Camp	877.8	1,763.1	63.6	528.8	109.1	604.4	705.0	629.9	0.0	0.0	0.0	0.0
Cass	10,017.6	25,945.4	760.8	3,572.6	3,555.1	5,199.8	5,516.0	13,837.7	185.6	3,335.3	0.0	0.0
Chambers	296.1	676.5	0.0	308.1	49.7	229.0	246.4	139.4	0.0	0.0	0.0	0.0
Cherokee	11,767.4	19,481.2	1,290.3	3,236.4	3,506.4	5,749.4	6,322.7	9,719.3	648.1	776.0	0.0	0.0
Franklin	659.9	2,816.9	192.7	391.0	351.6	695.7	115.5	1,730.3	0.0	0.0	0.0	0.0
Gregg	1,555.6	4,762.7	130.2	351.9	646.4	1,321.2	779.0	3,032.6	0.0	57.0	0.0	0.0
Grimes	2,558.8	6,289.5	280.3	648.4	1,157.8	3,645.8	1,083.8	1,995.3	37.0	0.0	0.0	0.0
Hardin	10,831.6	13,537.4	1,878.0	2,635.3	4,146.8	3,504.0	4,561.3	6,533.4	245.4	864.8	0.0	0.0
Harris	7,104.5	8,085.4	295.9	1,719.6	1,231.1	2,611.6	5,469.9	3,514.5	107.6	239.7	0.0	0.0
Harrison	14,310.3	18,701.4	1,301.6	3,652.2	4,330.8	6,144.5	8,677.9	8,859.5	0.0	45.2	0.0	0.0
Henderson	2,339.1	9,307.3	243.6	1,494.2	1,132.7	5,651.7	962.8	2,161.3	0.0	0.0	0.0	0.0
Houston	15,576.7	16,552.6	898.5	2,490.9	2,644.2	5,141.9	8,716.6	7,143.9	3,317.4	1,593.0	0.0	182.9
Jasper	18,559.7	23,290.5	778.1	2,746.6	2,893.0	5,644.5	11,331.6	12,149.1	3,557.0	2,750.4	0.0	0.0
Jefferson	649.5	4,554.3	14.1	790.7	105.3	2,003.4	397.2	1,713.5	132.9	46.7	0.0	0.0
Leon	1,040.1	18,653.5	21.4	2,177.1	231.7	10,188.6	786.9	6,163.0	0.0	124.8	0.0	0.0
Liberty	5,388.8	23,061.8	300.7	2,879.4	928.0	6,796.5	2,852.2	12,201.4	1,307.8	1,184.4	0.0	0.0
Madison	676.1	4,456.9	15.0	299.4	188.6	2,148.4	472.5	1,954.3	0.0	54.8	0.0	0.0
Marion	6,920.2	9,424.7	312.0	1,648.6	934.8	2,922.6	5,472.9	4,853.6	200.5	0.0	0.0	0.0
Montgomery	22,837.3	18,786.8	1,086.9	3,252.0	2,845.0	6,066.1	15,174.5	9,161.3	3,731.0	307.4	0.0	0.0
Morris	2,193.3	4,910.6	354.2	914.0	532.0	1,151.7	1,307.0	2,844.9	0.0	0.0	0.0	0.0
Nacogdoches	15,375.0	18,175.3	1,079.1	3,179.7	3,039.3	4,674.1	9,806.7	9,315.4	1,449.9	1,006.1	0.0	0.0
Newton	18,696.6	18,896.4	2,291.2	3,689.4	5,495.7	4,054.8	9,291.5	9,777.9	1,618.2	1,374.3	0.0	0.0
Orange	3,266.0	6,381.0	69.7	698.5	491.4	1,413.9	2,007.6	4,176.1	697.3	92.6	0.0	0.0
Panola	13,355.7	16,248.9	601.1	3,106.9	3,846.0	4,431.2	5,868.0	8,337.3	3,040.6	373.5	0.0	0.0
Polk	20,945.4	15,523.1	2,989.4	2,923.0	7,956.8	4,532.6	7,502.5	7,176.9	2,254.4	825.1	242.2	65.4
Red River	2,797.3	18,598.1	280.0	2,197.4	831.7	7,329.3	1,685.6	8,932.7	0.0	138.8	0.0	0.0
Rusk	14,226.2	15,734.8	1,040.0	2,245.3	1,736.7	4,941.4	9,794.0	7,979.1	1,655.6	569.0	0.0	0.0
Sabine	15,034.0	9,688.3	645.4	2,051.1	2,378.3	1,553.8	8,394.8	5,048.2	3,615.6	1,035.1	0.0	0.0
San Augustine	11,966.4	9,996.7	1,187.3	2,010.6	4,379.7	2,562.1	5,590.2	4,866.6	809.2	513.5	0.0	43.9
San Jacinto	12,017.4	10,431.3	781.9	1,406.6	1,868.8	2,810.9	7,491.4	5,938.9	1,875.3	274.9	0.0	0.0
Shelby	12,727.1	19,430.4	858.1	3,139.8	2,424.4	4,687.9	7,651.5	9,535.6	1,793.1	1,993.3	0.0	73.8
Smith	5,695.9	12,177.5	396.2	1,926.2	2,321.0	5,173.6	2,899.7	5,077.7	79.0	0.0	0.0	0.0
Titus	1,197.2	5,964.0	128.3	797.8	546.3	1,995.2	522.7	3,017.8	0.0	153.1	0.0	0.0
Trinity	14,173.3	9,650.7	1,264.4	1,187.0	3,323.4	2,327.9	7,232.0	4,098.2	2,353.5	2,037.7	0.0	0.0
Tyler	14,157.3	17,559.7	2,098.9	3,363.9	4,142.0	4,252.3	6,527.3	7,347.6	1,389.1	2,427.8	0.0	168.0
Upshur	9,310.2	11,341.6	678.0	2,344.0	2,084.9	3,021.8	6,148.2	5,834.1	399.1	141.6	0.0	0.0
Van Zandt	571.6	7,936.3	44.2	902.9	191.3	4,087.5	336.0	2,946.0	0.0	0.0	0.0	0.0
Walker	15,622.2	10,301.9	1,123.1	1,765.2	2,777.7	4,462.7	10,725.3	3,821.2	996.1	252.9	0.0	0.0
Waller	3,151.1	3,423.9	151.3	394.7	399.1	1,684.3	2,527.4	1,344.9	73.2	0.0	0.0	0.0
Wood	5,153.6	10,655.6	438.6	1,622.0	1,292.3	4,099.0	3,388.1	4,896.7	34.6	38.0	0.0	0.0
All counties	379,562.4	529,554.3	31,583.3	81,768.9	89,664.8	166,242.8	216,492.1	253,746.8	41,580.0	27,261.8	242.2	534.0

[*]Numbers in columns and rows may not total due to rounding.

[†]Heights measured only on trees ≥ 5.0 inches in d.b.h. All trees ≥1.0 inch in d.b.h. but < 5.0 inches in d.b.h. are placed in < 20-foot class.

[‡]Softwood species.

[§]Hardwood species.

Table 48.—*Wood and bark dry weight of stems in live trees on timberland by county and height class, east Texas, 1992*[*]

County	Height class in feet[†] (*from 1-foot stump to treetop*)											
	All classes		<20		20–59		60–99		100–139		≥140	
	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]
	Million pounds											
Anderson	6,327.1	15,640.2	671.0	1,995.3	1,451.2	5,824.1	3,828.6	7,224.3	376.2	596.6	0.0	0.0
Angelina	18,049.2	7,811.1	1,740.7	1,150.6	2,870.9	2,159.9	11,096.0	4,208.2	2,341.6	292.4	0.0	0.0
Bowie	4,428.5	10,613.4	611.4	1,506.3	851.8	2,541.8	2,338.1	5,623.5	627.1	941.7	0.0	0.0
Camp	763.6	1,396.9	59.8	486.5	95.0	457.3	608.7	453.0	0.0	0.0	0.0	0.0
Cass	8,575.2	19,375.6	715.2	3,281.9	2,908.1	3,714.3	4,792.6	10,232.0	159.3	2,147.4	0.0	0.0
Chambers	254.5	528.7	0.0	283.4	41.6	156.2	212.9	89.1	0.0	0.0	0.0	0.0
Cherokee	10,093.3	14,895.7	1,210.0	2,964.5	2,831.1	4,138.5	5,494.7	7,299.1	557.5	493.5	0.0	0.0
Franklin	571.5	2,141.3	178.1	359.7	292.3	505.0	101.1	1,276.6	0.0	0.0	0.0	0.0
Gregg	1,320.1	3,416.6	122.4	322.5	534.4	978.6	663.2	2,078.8	0.0	36.7	0.0	0.0
Grimes	2,183.8	4,561.2	263.5	593.0	955.3	2,605.2	934.6	1,362.9	30.5	0.0	0.0	0.0
Hardin	9,027.6	10,157.0	1,765.4	2,422.2	3,155.0	2,498.0	3,900.6	4,709.9	206.6	526.9	0.0	0.0
Harris	6,075.4	6,137.7	278.1	1,580.2	1,018.8	1,882.2	4,688.4	2,518.9	90.1	156.5	0.0	0.0
Harrison	12,257.8	14,259.2	1,223.5	3,353.6	3,494.8	4,486.7	7,539.5	6,389.1	0.0	29.9	0.0	0.0
Henderson	2,004.5	6,970.0	227.3	1,372.5	951.5	4,085.0	825.7	1,512.5	0.0	0.0	0.0	0.0
Houston	13,218.8	12,295.5	844.6	2,286.8	2,051.3	3,720.8	7,513.6	5,159.7	2,809.3	1,040.3	0.0	87.9
Jasper	15,685.6	17,100.2	731.4	2,526.8	2,256.0	3,997.6	9,696.9	8,801.4	3,001.3	1,774.3	0.0	0.0
Jefferson	565.9	3,439.1	12.6	726.1	93.8	1,443.0	347.1	1,240.0	112.5	30.1	0.0	0.0
Leon	886.9	13,798.8	20.2	1,997.6	190.9	7,303.7	675.8	4,417.7	0.0	79.8	0.0	0.0
Liberty	4,584.1	17,220.5	282.6	2,647.9	742.7	4,909.7	2,461.1	8,888.3	1,097.7	774.5	0.0	0.0
Madison	571.4	3,265.5	14.1	275.5	152.5	1,537.0	404.8	1,419.2	0.0	33.8	0.0	0.0
Marion	5,966.7	7,244.0	293.3	1,509.1	772.9	2,095.9	4,732.3	3,639.0	168.3	0.0	0.0	0.0
Montgomery	19,431.4	14,247.2	1,021.7	2,990.0	2,237.9	4,456.3	13,017.6	6,594.6	3,154.2	206.2	0.0	0.0
Morris	1,877.6	3,688.8	333.0	840.9	419.1	813.3	1,125.5	2,034.6	0.0	0.0	0.0	0.0
Nacogdoches	13,180.0	13,770.9	1,014.3	2,920.3	2,428.9	3,386.6	8,510.6	6,772.8	1,226.1	691.2	0.0	0.0
Newton	15,794.4	14,482.1	2,153.7	3,386.3	4,270.9	2,942.4	7,987.9	7,221.6	1,382.0	931.8	0.0	0.0
Orange	2,770.5	4,593.8	65.5	642.6	400.6	1,009.5	1,719.1	2,883.9	585.4	57.7	0.0	0.0
Panola	11,368.8	12,148.1	565.1	2,858.4	3,144.5	3,218.3	5,069.0	5,834.1	2,590.2	237.3	0.0	0.0
Polk	17,435.7	11,614.2	2,810.0	2,679.0	6,072.7	3,254.7	6,435.4	5,091.9	1,915.7	544.7	201.8	43.8
Red River	2,382.8	13,570.3	263.2	2,017.2	667.0	5,212.8	1,452.6	6,244.5	0.0	95.8	0.0	0.0
Rusk	12,283.0	11,924.4	977.6	2,065.7	1,393.1	3,640.3	8,498.1	5,861.9	1,414.2	356.5	0.0	0.0
Sabine	12,727.9	7,354.6	605.5	1,885.0	1,849.1	1,075.6	7,223.0	3,711.8	3,050.4	682.2	0.0	0.0
San Augustine	9,983.1	7,594.3	1,116.1	1,849.0	3,357.1	1,794.9	4,818.2	3,561.1	691.8	363.5	0.0	25.7
San Jacinto	10,216.2	7,967.1	735.0	1,289.3	1,443.0	2,025.1	6,451.4	4,464.5	1,586.8	188.1	0.0	0.0
Shelby	10,815.9	14,461.0	806.6	2,884.6	1,896.3	3,412.0	6,604.5	6,822.8	1,508.5	1,294.8	0.0	46.9
Smith	4,904.3	9,016.7	372.4	1,769.4	1,965.0	3,739.4	2,499.4	3,508.0	67.5	0.0	0.0	0.0
Titus	1,033.7	4,349.7	120.6	733.0	454.8	1,434.3	458.3	2,089.4	0.0	93.0	0.0	0.0
Trinity	11,963.1	6,890.6	1,188.6	1,092.0	2,599.8	1,675.5	6,202.6	2,911.5	1,972.1	1,211.6	0.0	0.0
Tyler	11,981.9	13,101.4	1,973.0	3,086.6	3,228.9	3,004.9	5,601.2	5,316.6	1,178.9	1,618.6	0.0	74.7
Upshur	8,039.7	8,838.3	637.3	2,149.6	1,709.0	2,199.2	5,347.1	4,399.2	346.3	90.3	0.0	0.0
Van Zandt	491.0	5,766.8	41.6	830.7	158.2	2,905.0	291.2	2,031.2	0.0	0.0	0.0	0.0
Walker	13,280.2	7,748.0	1,055.0	1,622.3	2,167.7	3,190.7	9,218.8	2,757.0	838.8	178.0	0.0	0.0
Waller	2,716.1	2,519.6	142.3	363.1	326.6	1,209.6	2,183.9	946.9	63.4	0.0	0.0	0.0
Wood	4,474.8	8,030.2	412.2	1,488.1	1,067.8	2,951.0	2,964.2	3,565.7	30.5	25.4	0.0	0.0
All counties	322,563.5	395,946.2	29,675.2	75,085.1	70,970.0	119,592.0	186,535.8	183,168.9	35,180.7	17,821.2	201.8	279.0

[*]Numbers in columns and rows may not total due to rounding.

[†]Heights measured only on trees ≥ 5.0 inches in d.b.h. All trees ≥1.0 inch in d.b.h. but < 5.0 inches in d.b.h. are placed in < 20-foot class.

[‡]Softwood species.

[§]Hardwood species.

Table 49.—*Wood and bark dry weight of crowns in live trees on timberland by county and height class, east Texas, 1992*[*]

County	Height class in feet[†] (*from 1-foot stump to treetop*)											
	All classes		<20		20–59		60–99		100–139		≥140	
	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]
	Million pounds											
Anderson	1,061.0	5,760.3	42.8	185.7	328.7	2,250.5	609.4	2,986.7	80.1	337.3	0.0	0.0
Angelina	3,283.0	2,772.9	111.1	102.5	867.0	873.6	1,863.8	1,606.0	441.1	190.7	0.0	0.0
Bowie	813.8	3,782.6	42.2	139.3	248.1	1,075.8	414.0	2,291.3	109.5	276.2	0.0	0.0
Camp	114.2	366.2	3.8	42.3	14.1	147.1	96.3	176.8	0.0	0.0	0.0	0.0
Cass	1,442.4	6,569.8	45.6	290.7	647.0	1,485.5	723.4	3,605.7	26.3	1,187.9	0.0	0.0
Chambers	41.6	147.8	0.0	24.6	8.2	72.8	33.5	50.3	0.0	0.0	0.0	0.0
Cherokee	1,674.1	4,585.5	80.3	271.9	675.3	1,611.0	827.9	2,420.1	90.6	282.5	0.0	0.0
Franklin	88.4	675.6	14.6	31.3	59.3	190.6	14.4	453.7	0.0	0.0	0.0	0.0
Gregg	235.6	1,346.2	7.8	29.4	112.0	342.5	115.8	953.8	0.0	20.4	0.0	0.0
Grimes	375.0	1,728.3	16.8	55.4	202.4	1,040.6	149.2	632.3	6.5	0.0	0.0	0.0
Hardin	1,804.0	3,380.4	112.7	213.1	991.8	1,006.0	660.7	1,823.5	38.8	337.9	0.0	0.0
Harris	1,029.1	1,947.7	17.8	139.5	212.3	729.5	781.6	995.5	17.5	83.2	0.0	0.0
Harrison	2,052.5	4,442.2	78.1	298.6	836.0	1,657.8	1,138.4	2,470.5	0.0	15.3	0.0	0.0
Henderson	334.6	2,337.2	16.3	121.7	181.3	1,566.7	137.0	648.8	0.0	0.0	0.0	0.0
Houston	2,357.9	4,257.1	53.9	204.1	592.9	1,421.1	1,203.0	1,984.2	508.1	552.7	0.0	95.0
Jasper	2,874.1	6,190.3	46.7	219.7	637.0	1,646.9	1,634.7	3,347.6	555.7	976.1	0.0	0.0
Jefferson	83.6	1,115.1	1.5	64.6	11.5	560.5	50.2	473.5	20.4	16.6	0.0	0.0
Leon	153.1	4,854.7	1.3	179.5	40.8	2,885.0	111.0	1,745.3	0.0	44.9	0.0	0.0
Liberty	804.7	5,841.2	18.0	231.5	185.3	1,886.8	391.1	3,313.1	210.2	409.8	0.0	0.0
Madison	104.7	1,191.4	0.9	24.0	36.0	611.4	67.7	535.1	0.0	21.0	0.0	0.0
Marion	953.4	2,180.8	18.7	139.5	161.9	826.7	740.6	1,214.6	32.2	0.0	0.0	0.0
Montgomery	3,405.9	4,539.7	65.2	262.0	607.1	1,609.8	2,156.9	2,566.7	576.7	101.2	0.0	0.0
Morris	315.7	1,221.8	21.3	73.1	112.8	338.4	181.6	810.3	0.0	0.0	0.0	0.0
Nacogdoches	2,195.0	4,404.4	64.7	259.4	610.4	1,287.5	1,296.1	2,542.6	223.8	314.9	0.0	0.0
Newton	2,902.1	4,414.3	137.5	303.1	1,224.8	1,112.4	1,303.6	2,556.3	236.2	442.6	0.0	0.0
Orange	495.5	1,787.2	4.2	55.9	90.8	404.4	288.6	1,292.1	111.9	34.8	0.0	0.0
Panola	1,986.9	4,100.9	36.1	248.6	701.4	1,212.9	799.0	2,503.2	450.4	136.3	0.0	0.0
Polk	3,509.7	3,908.9	179.4	244.0	1,884.1	1,277.9	1,067.1	2,085.0	338.7	280.4	40.4	21.6
Red River	414.5	5,027.8	16.8	180.2	164.7	2,116.5	233.0	2,688.2	0.0	43.0	0.0	0.0
Rusk	1,943.3	3,810.3	62.4	179.6	343.7	1,301.0	1,295.9	2,117.2	241.3	212.5	0.0	0.0
Sabine	2,306.1	2,333.7	39.9	166.1	529.2	478.2	1,171.8	1,336.4	565.3	352.9	0.0	0.0
San Augustine	1,983.3	2,402.4	71.2	161.6	1,022.6	767.3	772.0	1,305.4	117.4	150.0	0.0	18.2
San Jacinto	1,801.2	2,464.2	46.9	117.3	425.8	785.8	1,040.0	1,474.3	288.5	86.8	0.0	0.0
Shelby	1,911.2	4,969.3	51.5	255.2	528.0	1,275.8	1,047.0	2,712.8	284.6	698.5	0.0	27.0
Smith	791.6	3,160.7	23.8	156.8	356.1	1,434.2	400.2	1,569.7	11.5	0.0	0.0	0.0
Titus	163.5	1,614.3	7.7	64.8	91.5	560.9	64.3	928.4	0.0	60.2	0.0	0.0
Trinity	2,210.2	2,760.1	75.9	95.0	723.7	652.4	1,029.4	1,186.7	381.3	826.1	0.0	0.0
Tyler	2,175.3	4,458.3	125.9	277.3	913.1	1,247.4	926.1	2,031.1	210.2	809.2	0.0	93.2
Upshur	1,270.5	2,503.3	40.7	194.5	375.9	822.6	801.1	1,434.9	52.8	51.3	0.0	0.0
Van Zandt	80.6	2,169.5	2.7	72.2	33.1	1,182.5	44.8	914.8	0.0	0.0	0.0	0.0
Walker	2,342.0	2,553.9	68.1	142.9	610.0	1,272.0	1,506.5	1,064.2	157.4	74.9	0.0	0.0
Waller	435.0	904.3	9.1	31.6	72.6	474.8	343.5	397.9	9.8	0.0	0.0	0.0
Wood	678.8	2,625.4	26.3	133.9	224.5	1,148.0	423.9	1,331.0	4.2	12.6	0.0	0.0
All counties	56,998.9	133,608.1	1,908.1	6,683.8	18,694.9	46,650.8	29,956.3	70,577.9	6,399.3	9,440.6	40.4	255.0

[*]Numbers in columns and rows may not total due to rounding.

[†]Heights measured only on trees ≥ 5.0 inches in d.b.h. All trees ≥1.0 inch in d.b.h. but < 5.0 inches in d.b.h. are placed in < 20-foot class.

[‡]Softwood species.

[§]Hardwood species.

Table 50.—*Wood and bark fresh weight of trees on timberland by county and tree class, east Texas, 1992*[*]

County	All trees		Tree class: Growing stock[†]		Rough and rotten[†]		Salvable dead[†]		Nonsalvable dead[†]		Sapling[‡]	
	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]
	Million pounds											
Anderson	15,430.5	42,742.3	13,093.5	24,649.1	517.4	10,866.7	0.0	0.0	329.3	2,767.5	1,490.3	4,458.9
Angelina	45,003.8	21,353.2	38,952.8	14,912.6	280.3	2,597.4	374.5	48.0	1,084.6	1,266.2	4,311.6	2,529.0
Bowie	10,957.6	28,193.0	8,945.1	17,166.3	374.1	6,304.2	326.2	342.7	49.2	1,006.4	1,263.1	3,373.4
Camp	1,785.2	3,720.6	1,495.5	1,392.3	165.4	933.6	0.0	0.0	0.0	156.6	124.3	1,238.1
Cass	21,215.9	53,260.3	18,155.2	35,718.8	682.6	6,118.5	187.0	57.9	562.9	3,387.4	1,628.2	7,977.7
Chambers	638.7	1,355.1	578.8	262.0	18.7	431.9	0.0	0.0	41.1	0.0	0.0	661.1
Cherokee	25,595.8	40,801.4	21,029.1	25,625.0	341.6	5,295.7	274.7	47.9	1,238.8	3,195.8	2,711.7	6,636.9
Franklin	1,418.3	5,536.8	921.0	3,394.0	43.7	1,381.2	0.0	0.0	99.6	89.6	354.0	672.0
Gregg	3,255.1	9,795.7	2,815.7	5,664.0	75.5	2,221.8	0.0	0.0	112.3	1,000.1	251.6	909.8
Grimes	5,293.6	12,107.0	4,269.9	5,703.5	349.0	4,339.7	61.9	91.8	40.9	672.7	571.9	1,299.3
Hardin	23,332.2	28,706.8	17,143.5	16,107.8	477.2	4,170.8	0.0	51.4	1,259.5	2,355.2	4,452.1	6,021.6
Harris	14,805.7	16,357.0	13,056.1	8,414.0	648.5	3,586.2	227.7	52.0	236.7	1,042.8	636.6	3,262.0
Harrison	30,581.5	38,255.1	25,209.3	23,104.2	1,054.8	5,942.7	134.2	0.0	1,177.0	1,689.7	3,006.2	7,518.5
Henderson	4,944.8	18,216.3	4,062.1	9,117.9	229.6	4,618.9	0.0	0.0	187.4	1,490.8	465.8	2,988.7
Houston	32,597.5	34,216.2	29,422.6	21,539.3	547.6	5,293.5	0.0	41.6	606.6	2,296.6	2,020.8	5,045.2
Jasper	39,386.7	47,085.8	34,657.7	31,453.8	564.0	7,121.8	880.5	93.1	1,018.1	2,320.4	2,266.4	6,096.6
Jefferson	1,311.4	9,198.2	1,225.3	5,057.6	30.5	2,088.6	0.0	52.5	0.0	513.4	55.6	1,486.1
Leon	2,167.9	36,995.3	2,065.2	21,326.2	0.0	8,387.0	0.0	0.0	62.3	2,972.3	40.4	4,309.8
Liberty	11,133.0	48,048.7	10,123.0	29,210.1	119.1	7,711.4	41.7	56.8	160.9	5,272.1	688.3	5,798.3
Madison	1,516.5	8,346.7	1,279.4	5,139.2	59.3	2,079.3	0.0	0.0	60.3	572.1	117.5	556.2
Marion	14,773.3	20,096.1	12,902.8	13,400.3	363.5	1,521.9	0.0	0.0	728.2	1,222.8	778.8	3,951.1
Montgomery	48,419.6	40,168.1	43,827.8	22,834.9	401.6	7,266.7	139.0	333.5	1,445.6	2,908.1	2,605.5	6,824.9
Morris	4,694.8	9,574.4	3,462.1	5,145.6	268.2	2,240.9	0.0	0.0	125.4	266.8	839.2	1,921.2
Nacogdoches	32,753.5	37,056.2	28,828.7	23,926.7	209.2	4,589.5	42.0	0.0	1,222.6	1,829.0	2,450.9	6,711.0
Newton	39,526.6	40,236.2	32,091.3	22,914.8	496.0	5,805.8	42.3	315.5	1,707.6	3,817.8	5,189.4	7,382.2
Orange	6,995.1	12,838.8	6,323.0	7,630.2	111.1	2,940.5	0.0	0.0	354.0	696.5	207.0	1,571.5
Panola	28,659.0	33,304.5	24,939.4	18,735.5	786.0	5,916.9	344.9	51.5	924.1	2,451.5	1,664.5	6,149.1
Polk	43,859.1	32,110.2	35,892.5	18,451.5	216.1	5,214.9	65.0	95.8	1,113.1	1,814.5	6,572.4	6,533.6
Red River	5,815.2	35,001.6	4,928.0	19,961.8	172.6	8,938.6	0.0	97.7	39.0	1,734.9	675.6	4,268.6
Rusk	30,731.0	33,982.2	26,292.3	20,864.3	651.2	4,963.3	70.3	0.0	1,400.7	2,812.1	2,316.4	5,342.5
Sabine	31,392.6	19,230.5	28,996.8	11,834.5	201.4	2,335.5	71.9	0.0	559.3	621.2	1,563.1	4,439.3
San Augustine	25,206.3	21,565.2	21,475.2	13,221.7	290.2	1,778.5	214.2	0.0	318.0	2,530.2	2,908.8	4,034.8
San Jacinto	25,437.9	21,382.6	22,119.1	13,864.6	603.8	3,186.0	134.4	78.0	513.4	1,200.7	2,067.2	3,053.3
Shelby	27,772.6	38,611.4	23,843.6	25,824.8	347.4	4,991.7	26.1	0.0	689.5	1,166.3	2,865.9	6,628.7
Smith	12,066.3	25,802.5	10,193.1	11,181.1	553.4	7,919.5	32.8	58.5	379.7	2,600.4	907.3	4,042.9
Titus	2,473.9	12,062.2	1,911.9	7,169.0	282.4	2,525.7	0.0	0.0	30.8	667.9	248.8	1,699.5
Trinity	30,590.8	20,596.1	25,604.0	13,589.5	641.1	2,923.9	68.9	153.8	1,051.8	1,481.4	3,225.0	2,447.5
Tyler	29,128.1	35,328.4	23,791.0	20,006.3	219.7	6,560.3	0.0	0.0	651.5	1,879.3	4,465.9	6,882.5
Upshur	19,289.9	23,528.4	16,195.0	12,027.9	1,404.9	5,259.0	0.0	0.0	288.3	1,452.8	1,401.6	4,788.6
Van Zandt	1,217.0	15,368.8	830.7	8,926.3	245.1	3,990.2	0.0	0.0	55.2	559.3	86.0	1,893.1
Walker	33,816.0	20,963.1	29,125.5	10,933.3	344.8	5,060.6	391.6	43.9	1,045.9	1,432.6	2,908.2	3,492.8
Waller	6,463.2	7,008.9	6,117.8	4,238.8	0.0	1,432.2	0.0	46.2	52.1	539.9	293.2	751.8
Wood	11,540.2	21,173.9	9,480.8	12,581.5	196.5	4,340.0	0.0	0.0	624.0	498.5	1,238.9	3,753.8
All counties	804,993.7	1,081,281.6	687,673.3	644,222.5	15,585.1	193,193.0	4,151.7	2,210.0	23,647.5	70,252.2	73,936.2	171,403.9

[*]Numbers in columns and rows may not total due to rounding.

[†]Includes trees ≥ 5.0 inches in d.b.h.

[‡]Includes growing-stock, rough and rotten, and nonsalvable dead trees ≥1.0 and < 5.0 inches in d.b.h.

[§]Softwood species.

[¶]Hardwood species.

Table 51.—*Wood and bark fresh weight of stems in trees on timberland by county and tree class, east Texas, 1992*[*]

County	All trees		Tree class: Growing stock[†]		Rough and rotten[†]		Salvable dead[†]		Nonsalvable dead[†]		Sapling[‡]	
	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]
	Million pounds											
Anderson	13,064.9	31,317.9	11,064.9	18,191.3	386.5	7,397.2	0.0	0.0	277.6	1,995.1	1,336.0	3,734.4
Angelina	37,703.9	15,795.9	32,410.2	10,883.7	226.4	1,831.8	314.5	34.6	894.0	934.0	3,858.8	2,111.8
Bowie	9,151.1	20,940.0	7,398.3	12,771.3	305.1	4,306.9	275.1	237.7	42.3	776.2	1,130.4	2,847.9
Camp	1,538.0	2,899.7	1,291.7	1,023.7	135.3	715.9	0.0	0.0	0.0	119.0	110.9	1,041.1
Cass	17,945.1	39,909.2	15,296.4	26,648.9	562.3	3,965.6	159.3	46.3	468.8	2,506.7	1,458.4	6,741.7
Chambers	546.8	1,020.4	495.8	186.4	15.8	282.0	0.0	0.0	35.3	0.0	0.0	552.0
Cherokee	21,698.5	31,098.2	17,711.9	19,312.1	261.7	3,735.7	233.3	35.7	1,052.9	2,419.4	2,438.7	5,595.3
Franklin	1,190.8	4,174.2	763.5	2,601.4	32.9	967.6	0.0	0.0	77.0	49.7	317.4	555.4
Gregg	2,737.2	7,208.3	2,352.0	4,110.8	61.8	1,563.7	0.0	0.0	96.7	750.5	226.7	783.3
Grimes	4,460.6	8,871.6	3,569.3	4,207.5	293.9	3,018.2	52.8	65.1	32.8	493.1	511.8	1,087.5
Hardin	19,077.1	21,325.4	13,740.2	11,601.2	342.5	2,985.1	0.0	39.3	993.5	1,745.5	4,000.9	4,954.3
Harris	12,605.0	12,360.4	11,119.0	6,222.9	518.8	2,536.7	194.6	46.0	202.6	808.6	570.0	2,746.2
Harrison	25,873.7	29,083.5	21,269.4	17,221.0	826.5	4,150.7	117.1	0.0	963.2	1,313.6	2,697.5	6,398.2
Henderson	4,179.1	13,529.0	3,423.1	6,549.4	177.2	3,409.6	0.0	0.0	160.8	1,094.5	418.0	2,475.6
Houston	27,393.5	25,360.2	24,667.8	15,775.9	434.4	3,611.4	0.0	30.5	480.5	1,694.0	1,810.8	4,248.3
Jasper	33,031.2	34,647.6	28,968.7	22,837.5	448.2	4,937.3	747.2	61.6	830.0	1,690.2	2,037.1	5,121.1
Jefferson	1,142.7	6,896.5	1,064.0	3,737.8	27.1	1,447.7	0.0	41.2	0.0	386.8	51.6	1,283.1
Leon	1,839.0	27,219.1	1,750.4	15,674.1	0.0	5,893.6	0.0	0.0	52.3	2,121.0	36.3	3,530.4
Liberty	9,416.6	36,048.0	8,534.7	21,759.6	91.9	5,438.2	36.0	45.7	136.7	3,987.8	617.3	4,816.7
Madison	1,280.6	6,220.3	1,072.1	3,872.1	51.0	1,461.3	0.0	0.0	52.1	421.3	105.4	465.5
Marion	12,626.0	15,368.8	11,041.7	10,113.2	294.3	1,026.4	0.0	0.0	589.5	924.4	700.5	3,304.8
Montgomery	40,928.3	30,220.7	37,005.6	17,004.3	291.9	5,173.3	118.8	250.7	1,179.2	2,091.6	2,332.8	5,700.8
Morris	3,966.2	7,198.3	2,879.0	3,897.1	226.0	1,498.6	0.0	0.0	107.9	185.5	753.2	1,617.1
Nacogdoches	27,822.8	27,861.6	24,374.3	17,694.9	174.3	3,265.3	35.2	0.0	1,027.7	1,329.1	2,211.3	5,572.3
Newton	32,966.7	30,412.0	26,442.6	17,188.6	380.0	4,093.1	36.6	202.4	1,417.2	2,794.8	4,690.2	6,133.0
Orange	5,905.1	9,280.3	5,340.2	5,603.9	88.7	1,898.7	0.0	0.0	290.9	501.8	185.3	1,275.8
Panola	24,233.7	24,695.2	21,018.7	13,823.2	637.8	3,949.7	295.7	38.9	789.2	1,704.9	1,492.2	5,178.5
Polk	35,924.8	23,920.1	28,924.8	13,528.7	169.2	3,543.5	54.6	68.1	895.9	1,323.1	5,880.3	5,456.9
Red River	4,904.1	25,669.9	4,135.1	14,614.7	129.9	6,220.4	0.0	75.3	31.7	1,276.3	607.5	3,483.2
Rusk	26,333.8	25,828.3	22,443.3	15,440.9	532.8	3,675.7	62.8	0.0	1,214.4	2,105.9	2,080.5	4,605.8
Sabine	26,394.0	14,440.7	24,317.2	8,706.2	148.9	1,601.8	56.9	0.0	468.5	436.4	1,402.4	3,696.3
San Augustine	20,776.6	16,083.6	17,480.3	9,710.7	242.7	1,247.9	185.6	0.0	261.1	1,790.6	2,606.9	3,334.3
San Jacinto	21,446.2	16,317.6	18,614.8	10,581.8	471.0	2,200.7	112.1	61.7	397.3	911.0	1,850.9	2,562.4
Shelby	23,420.0	28,709.0	19,984.5	18,736.3	284.9	3,533.6	23.3	0.0	557.7	863.2	2,569.6	5,575.9
Smith	10,261.9	18,994.6	8,654.0	8,279.8	444.2	5,379.0	21.7	45.3	322.2	1,876.5	819.8	3,414.1
Titus	2,097.2	8,799.6	1,607.8	5,235.6	240.4	1,665.0	0.0	0.0	24.5	482.1	224.5	1,416.9
Trinity	25,586.7	14,683.9	21,310.2	9,550.6	488.3	1,994.6	57.4	118.3	844.2	942.5	2,886.8	2,078.0
Tyler	24,316.8	26,168.6	19,579.8	14,611.2	169.1	4,474.4	0.0	0.0	546.1	1,418.1	4,021.8	5,665.0
Upshur	16,449.1	18,118.0	13,791.9	9,178.3	1,177.8	3,811.6	0.0	0.0	220.8	1,071.0	1,258.6	4,057.2
Van Zandt	1,033.7	11,213.2	702.3	6,480.4	204.5	2,749.8	0.0	0.0	49.2	417.9	77.8	1,565.1
Walker	28,532.9	15,625.6	24,429.0	8,013.5	279.5	3,613.6	331.0	29.6	888.9	1,040.3	2,604.5	2,928.7
Waller	5,535.9	5,183.4	5,228.2	3,104.7	0.0	1,010.1	0.0	33.2	45.1	398.2	262.6	637.3
Wood	9,888.7	15,934.7	8,109.7	9,352.5	148.5	3,112.6	0.0	0.0	516.6	367.7	1,114.0	3,101.9
All counties	677,226.7	806,653.3	575,378.5	475,639.6	12,423.8	134,395.6	3,521.6	1,607.3	19,534.9	51,559.5	66,367.9	143,451.2

[*]Numbers in columns and rows may not total due to rounding.

[†]Includes trees ≥ 5.0 inches in d.b.h.

[‡]Includes growing-stock, rough and rotten, and nonsalvable dead trees ≥1.0 and < 5.0 inches in d.b.h.

[§]Softwood species.

[¶]Hardwood species.

Table 52.—*Wood and bark fresh weight of crowns in trees on timberland by county and tree class, east Texas, 1992*[*]

County	All trees		Tree class: Growing stock[†]		Rough and rotten[†]		Salvable dead[†]		Nonsalvable dead[†]		Sapling[‡]	
	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]
	Million pounds											
Anderson	2,365.6	11,424.3	2,028.6	6,457.8	130.9	3,469.6	0.0	0.0	51.7	772.4	154.3	724.6
Angelina	7,299.9	5,557.3	6,542.6	4,029.0	53.9	765.6	60.0	13.3	190.5	332.2	452.8	417.2
Bowie	1,806.5	7,253.0	1,546.8	4,394.9	69.0	1,997.3	51.1	105.0	6.9	230.2	132.7	525.5
Camp	247.2	820.9	203.8	368.5	30.0	217.7	0.0	0.0	0.0	37.6	13.4	197.0
Cass	3,270.8	13,351.1	2,858.8	9,069.9	120.3	2,152.9	27.7	11.5	94.2	880.8	169.8	1,236.1
Chambers	91.8	334.7	83.1	75.6	2.9	149.9	0.0	0.0	5.8	0.0	0.0	109.1
Cherokee	3,897.3	9,703.2	3,317.1	6,312.9	79.9	1,560.1	41.4	12.1	185.9	776.5	273.0	1,041.6
Franklin	227.5	1,362.7	157.5	792.6	10.8	413.6	0.0	0.0	22.6	39.8	36.6	116.7
Gregg	517.9	2,587.4	463.6	1,553.2	13.7	658.1	0.0	0.0	15.7	249.6	25.0	126.5
Grimes	833.0	3,235.5	700.6	1,496.0	55.1	1,321.5	9.1	26.7	8.1	179.5	60.1	211.8
Hardin	4,255.2	7,381.4	3,403.2	4,506.6	134.7	1,185.7	0.0	12.0	266.0	609.7	451.3	1,067.3
Harris	2,200.8	3,996.6	1,937.1	2,191.1	129.8	1,049.5	33.2	6.0	34.1	234.3	66.6	515.7
Harrison	4,707.8	9,171.6	3,939.9	5,883.2	228.3	1,791.9	17.1	0.0	213.9	376.1	308.7	1,120.3
Henderson	765.8	4,687.3	638.9	2,568.5	52.4	1,209.3	0.0	0.0	26.6	396.4	47.8	513.1
Houston	5,204.0	8,855.9	4,754.8	5,763.4	113.2	1,682.1	0.0	11.1	126.1	602.6	210.0	796.9
Jasper	6,355.4	12,438.2	5,689.0	8,616.3	115.8	2,184.6	133.3	31.5	188.0	630.3	229.4	975.5
Jefferson	168.8	2,301.7	161.4	1,319.8	3.4	640.9	0.0	11.3	0.0	126.6	4.0	203.0
Leon	328.9	9,776.2	314.8	5,652.1	0.0	2,493.4	0.0	0.0	9.9	851.4	4.1	779.4
Liberty	1,716.4	12,000.6	1,588.3	7,450.5	27.2	2,273.2	5.7	11.1	24.2	1,284.3	71.0	981.6
Madison	236.0	2,126.5	207.3	1,267.0	8.3	618.0	0.0	0.0	8.3	150.8	12.1	90.7
Marion	2,147.3	4,727.3	1,861.1	3,287.1	69.2	495.6	0.0	0.0	138.8	298.4	78.2	646.3
Montgomery	7,491.3	9,947.4	6,822.2	5,830.6	109.7	2,093.4	20.2	82.8	266.5	816.5	272.7	1,124.1
Morris	728.7	2,376.0	583.1	1,248.4	42.2	742.3	0.0	0.0	17.4	81.2	85.9	304.1
Nacogdoches	4,930.7	9,194.6	4,454.4	6,231.8	34.9	1,324.2	6.8	0.0	195.0	499.9	239.7	1,138.7
Newton	6,559.9	9,824.2	5,648.7	5,726.2	116.1	1,712.7	5.7	113.1	290.3	1,023.1	499.1	1,249.1
Orange	1,090.0	3,558.5	982.7	2,026.3	22.4	1,041.8	0.0	0.0	63.2	194.7	21.7	295.7
Panola	4,425.3	8,609.3	3,920.7	4,912.3	148.2	1,967.3	49.2	12.6	134.9	746.6	172.4	970.6
Polk	7,934.3	8,190.1	6,967.7	4,922.8	46.9	1,671.4	10.4	27.8	217.3	491.4	692.1	1,076.7
Red River	911.1	9,331.7	792.9	5,347.1	42.7	2,718.2	0.0	22.4	7.3	458.6	68.1	785.4
Rusk	4,397.2	8,153.8	3,849.0	5,423.4	118.4	1,287.6	7.5	0.0	186.3	706.1	235.9	736.7
Sabine	4,998.6	4,789.8	4,679.6	3,128.3	52.5	733.7	14.9	0.0	90.8	184.8	160.7	743.0
San Augustine	4,429.7	5,481.6	3,994.9	3,510.9	47.5	530.6	28.6	0.0	56.9	739.5	301.9	700.5
San Jacinto	3,991.7	5,065.0	3,504.3	3,282.8	132.8	985.3	22.3	16.3	116.0	289.7	216.3	491.0
Shelby	4,352.6	9,902.4	3,859.2	7,088.4	62.5	1,458.0	2.8	0.0	131.8	303.1	296.3	1,052.8
Smith	1,804.4	6,807.8	1,539.1	2,901.3	109.2	2,540.5	11.1	13.2	57.6	723.9	87.5	628.8
Titus	376.7	3,262.5	304.1	1,933.5	42.0	860.7	0.0	0.0	6.3	185.8	24.3	282.6
Trinity	5,004.1	5,912.2	4,293.8	4,039.0	152.8	929.2	11.6	35.5	207.7	539.0	338.2	369.5
Tyler	4,811.3	9,159.9	4,211.2	5,395.2	50.6	2,085.9	0.0	0.0	105.4	461.3	444.1	1,217.5
Upshur	2,840.8	5,410.3	2,403.1	2,849.7	227.2	1,447.4	0.0	0.0	67.5	381.8	143.0	731.4
Van Zandt	183.3	4,155.6	128.4	2,445.9	40.7	1,240.3	0.0	0.0	6.0	141.4	8.2	328.0
Walker	5,283.1	5,337.5	4,696.5	2,919.8	65.3	1,447.0	60.5	14.3	157.0	392.3	303.7	564.1
Waller	927.3	1,825.4	889.6	1,134.1	0.0	422.1	0.0	13.1	7.0	141.7	30.6	114.5
Wood	1,651.4	5,239.1	1,371.1	3,229.0	48.0	1,227.5	0.0	0.0	107.4	130.8	124.9	651.9
All counties	127,767.0	274,628.2	112,294.8	168,582.8	3,161.3	58,797.4	630.0	602.7	4,112.6	18,692.7	7,568.3	27,952.6

[*]Numbers in columns and rows may not total due to rounding.

[†]Includes trees ≥ 5.0 inches in d.b.h.

[‡]Includes growing-stock, rough and rotten, and nonsalvable dead trees ≥1.0 and < 5.0 inches in d.b.h.

[§]Softwood species.

[¶]Hardwood species.

Table 53.—*Wood and bark dry weight of trees on timberland by county and tree class, east Texas, 1992*[*]

County	All trees		Tree class: Growing stock[†]		Rough and rotten[†]		Salvable dead[†]		Nonsalvable dead[†]		Sapling[‡]	
	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]
	Million pounds											
Anderson	7,604.7	23,330.8	6,419.0	13,299.7	255.2	5,945.9	0.0	0.0	160.9	1,578.2	769.6	2,507.0
Angelina	22,433.1	11,474.0	19,341.5	7,981.7	138.9	1,361.3	184.9	29.3	547.3	711.9	2,220.5	1,389.8
Bowie	5,437.1	15,414.2	4,414.4	9,325.4	185.5	3,458.0	161.2	203.1	24.2	558.8	651.7	1,868.8
Camp	877.8	1,979.4	732.1	726.0	82.0	508.3	0.0	0.0	0.0	87.1	63.6	658.0
Cass	10,465.7	28,618.9	8,917.3	19,078.7	339.5	3,305.2	92.4	34.5	276.0	1,895.1	840.5	4,305.5
Chambers	316.3	736.8	286.7	140.5	9.4	228.0	0.0	0.0	20.2	0.0	0.0	368.4
Cherokee	12,623.8	21,706.2	10,314.9	13,435.4	168.5	2,845.7	134.3	28.8	607.2	1,758.3	1,399.0	3,638.1
Franklin	709.0	2,867.7	453.4	1,704.8	21.8	721.2	0.0	0.0	49.1	50.8	184.7	391.0
Gregg	1,611.6	5,436.2	1,387.7	3,201.7	37.7	1,215.3	0.0	0.0	55.9	537.1	130.2	482.1
Grimes	2,624.1	6,838.6	2,106.5	3,202.5	172.0	2,456.8	30.3	56.2	20.6	391.9	294.7	731.1
Hardin	11,898.2	15,505.0	8,712.0	8,648.6	241.6	2,260.6	0.0	34.2	641.4	1,341.3	2,303.3	3,220.3
Harris	7,365.3	8,780.4	6,480.5	4,421.2	328.1	1,957.6	111.6	24.9	116.7	567.5	328.3	1,809.2
Harrison	15,200.0	20,051.6	12,467.1	11,976.4	541.6	3,091.0	65.9	0.0	576.6	917.6	1,548.8	4,066.6
Henderson	2,431.0	10,390.2	1,987.3	5,205.3	113.2	2,614.5	0.0	0.0	91.9	882.7	238.6	1,687.8
Houston	16,020.5	18,200.3	14,409.8	11,292.4	268.4	2,786.6	0.0	26.3	299.0	1,308.1	1,043.2	2,787.0
Jasper	19,900.3	25,221.9	17,489.7	16,745.7	291.9	3,798.3	434.9	55.0	511.4	1,283.1	1,172.3	3,339.9
Jefferson	671.3	4,925.4	623.7	2,646.7	17.1	1,125.1	0.0	30.5	0.0	303.5	30.5	819.6
Leon	1,070.3	20,682.8	1,018.6	11,898.8	0.0	4,600.7	0.0	0.0	30.2	1,715.9	21.4	2,467.5
Liberty	5,546.5	26,322.3	5,028.7	15,878.2	59.4	4,315.6	20.8	28.5	80.3	2,870.8	357.4	3,229.2
Madison	752.3	4,798.1	631.9	2,932.8	29.2	1,224.7	0.0	0.0	29.7	332.5	61.4	308.1
Marion	7,373.9	10,632.2	6,419.6	6,980.3	188.6	821.2	0.0	0.0	360.3	660.8	405.4	2,169.8
Montgomery	23,875.3	21,003.8	21,550.2	11,755.2	200.3	3,790.6	68.1	195.4	713.1	1,628.4	1,343.6	3,634.2
Morris	2,332.2	5,196.8	1,707.0	2,833.2	132.0	1,163.3	0.0	0.0	60.9	143.9	432.3	1,056.4
Nacogdoches	16,191.2	19,669.4	14,192.6	12,539.8	103.3	2,475.6	21.0	0.0	602.0	1,004.5	1,272.3	3,649.6
Newton	19,982.9	21,509.6	16,155.3	12,094.9	250.1	3,130.0	21.0	182.5	858.1	2,094.2	2,698.5	4,008.0
Orange	3,492.6	6,909.8	3,139.0	4,106.5	57.4	1,576.0	0.0	0.0	189.6	379.8	106.6	847.4
Panola	14,237.0	17,885.8	12,364.0	9,978.9	390.5	3,163.1	169.2	30.5	454.2	1,368.5	859.0	3,344.9
Polk	21,924.7	17,262.4	17,847.1	9,769.4	108.8	2,864.6	31.6	57.6	556.1	1,035.0	3,381.0	3,535.7
Red River	2,885.4	19,902.3	2,431.5	11,509.6	85.7	4,900.4	0.0	58.6	19.6	984.5	348.5	2,449.2
Rusk	15,098.2	17,956.1	12,864.0	10,743.9	322.3	2,745.5	33.9	0.0	683.3	1,587.8	1,194.7	2,878.8
Sabine	15,509.1	10,414.9	14,291.3	6,356.2	101.8	1,285.8	35.8	0.0	274.0	353.0	806.1	2,419.9
San Augustine	12,539.2	11,638.0	10,636.4	7,018.0	142.6	975.1	104.4	0.0	156.3	1,429.9	1,499.4	2,215.1
San Jacinto	12,618.9	11,400.7	10,930.9	7,313.6	304.6	1,726.2	65.8	40.8	253.4	651.6	1,064.2	1,668.5
Shelby	13,698.1	20,584.2	11,696.4	13,657.8	172.6	2,649.2	12.6	0.0	339.5	666.9	1,477.0	3,610.3
Smith	5,972.9	13,975.9	5,025.0	5,921.1	274.8	4,349.6	16.3	38.8	190.1	1,442.6	466.8	2,223.9
Titus	1,212.4	6,488.3	930.4	3,833.3	138.5	1,336.9	0.0	0.0	15.1	375.3	128.3	942.8
Trinity	15,124.7	10,725.2	12,587.9	6,964.1	321.0	1,499.6	34.3	90.4	519.8	831.4	1,661.7	1,339.7
Tyler	14,696.4	18,967.2	11,945.4	10,699.0	113.0	3,533.7	0.0	0.0	323.9	1,043.7	2,314.2	3,690.8
Upshur	9,496.2	12,466.0	7,933.8	6,116.4	698.4	2,903.1	0.0	0.0	143.1	825.0	720.9	2,621.5
Van Zandt	598.2	8,440.0	406.7	4,851.1	120.6	2,182.3	0.0	0.0	26.6	325.2	44.2	1,081.4
Walker	16,710.1	11,347.7	14,333.2	5,709.2	172.0	2,832.2	192.1	26.9	512.8	834.6	1,500.0	1,944.7
Waller	3,176.8	3,779.8	2,999.8	2,237.6	0.0	791.6	0.0	28.2	25.7	320.5	151.3	401.8
Wood	5,658.8	11,493.1	4,617.4	6,697.2	97.6	2,351.9	0.0	0.0	305.9	286.6	637.9	2,157.4
All counties	399,963.9	582,930.1	340,227.8	343,428.8	7,797.6	104,867.8	2,042.6	1,300.9	11,721.9	39,365.7	38,173.9	93,966.8

[*]Numbers in columns and rows may not total due to rounding.

[†]Includes trees ≥ 5.0 inches in d.b.h.

[‡]Includes growing-stock, rough and rotten, and nonsalvable dead trees ≥1.0 and < 5.0 inches in d.b.h.

[§]Softwood species.

[¶]Hardwood species.

Table 54.—*Wood and bark dry weight of stems in trees on timberland by county and tree class, east Texas, 1992*[*]

County	All trees		Tree class: Growing stock[†]		Rough and rotten[†]		Salvable dead[†]		Nonsalvable dead[†]		Sapling[‡]	
	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]
	Million pounds											
Anderson	6,515.5	17,082.8	5,461.0	9,651.2	195.1	4,006.5	0.0	0.0	136.0	1,118.7	723.5	2,306.5
Angelina	19,008.8	8,484.2	16,195.1	5,722.3	113.4	947.1	156.2	21.1	456.9	515.1	2,087.2	1,278.6
Bowie	4,595.1	11,417.2	3,672.5	6,819.3	152.1	2,310.4	137.1	139.4	20.8	428.6	612.6	1,719.4
Camp	763.6	1,581.1	636.2	529.7	67.6	380.7	0.0	0.0	0.0	65.4	59.8	605.4
Cass	8,962.1	21,474.0	7,577.5	13,997.4	282.6	2,101.6	79.3	27.2	232.7	1,386.8	790.0	3,961.0
Chambers	271.8	584.2	246.4	98.6	8.0	146.7	0.0	0.0	17.3	0.0	0.0	338.9
Cherokee	10,835.1	16,633.4	8,753.6	9,968.9	132.6	1,982.6	115.2	21.4	518.5	1,313.3	1,315.1	3,347.1
Franklin	610.3	2,169.4	381.1	1,289.2	16.8	492.4	0.0	0.0	38.8	28.1	173.6	359.7
Gregg	1,368.5	3,938.6	1,166.2	2,257.6	31.5	840.8	0.0	0.0	48.4	396.6	122.4	443.5
Grimes	2,240.0	4,977.6	1,773.8	2,306.9	146.6	1,674.6	25.8	39.7	16.8	283.8	277.1	672.7
Hardin	9,939.5	11,712.1	7,084.5	6,140.7	177.8	1,598.3	0.0	26.3	512.2	984.1	2,165.1	2,962.7
Harris	6,301.6	6,686.7	5,532.7	3,205.7	264.6	1,361.5	95.3	22.0	100.4	432.6	308.6	1,664.9
Harrison	13,024.9	15,361.9	10,602.6	8,779.5	431.7	2,136.4	57.8	0.0	476.8	704.7	1,455.9	3,741.2
Henderson	2,083.9	7,795.5	1,691.6	3,695.0	88.7	1,906.5	0.0	0.0	79.4	641.2	224.2	1,552.7
Houston	13,594.4	13,553.9	12,158.8	8,148.7	215.5	1,871.1	0.0	19.3	239.5	950.8	980.6	2,564.1
Jasper	16,846.6	18,603.3	14,719.3	11,975.6	234.9	2,597.8	369.7	35.7	420.6	921.6	1,102.0	3,072.7
Jefferson	586.4	3,723.7	542.5	1,938.1	15.2	781.1	0.0	23.7	0.0	226.7	28.7	754.0
Leon	912.2	15,301.1	866.8	8,617.8	0.0	3,199.2	0.0	0.0	25.3	1,214.0	20.2	2,270.1
Liberty	4,724.2	19,708.5	4,255.0	11,601.4	46.5	2,980.6	18.0	23.0	68.8	2,132.6	335.9	2,970.9
Madison	640.7	3,515.2	531.9	2,156.3	25.4	833.7	0.0	0.0	25.7	241.8	57.7	283.5
Marion	6,350.4	8,237.3	5,519.7	5,191.9	153.8	558.8	0.0	0.0	295.9	490.5	381.1	1,996.2
Montgomery	20,318.6	15,901.6	18,261.3	8,615.0	148.4	2,650.5	58.2	144.9	587.7	1,147.8	1,263.0	3,343.5
Morris	2,003.4	3,919.6	1,433.3	2,088.9	111.3	759.0	0.0	0.0	52.5	99.8	406.4	971.9
Nacogdoches	13,889.8	14,938.0	12,078.8	9,127.2	86.8	1,736.6	17.8	0.0	510.4	716.6	1,195.9	3,357.6
Newton	16,914.8	16,410.1	13,444.9	8,930.5	195.9	2,173.7	18.3	114.3	719.2	1,504.2	2,536.6	3,687.4
Orange	2,963.5	4,999.9	2,658.3	2,955.8	46.8	995.4	0.0	0.0	158.2	269.1	100.2	779.6
Panola	12,147.5	13,319.0	10,483.3	7,222.3	320.4	2,067.4	145.6	22.9	390.8	929.2	807.5	3,077.3
Polk	18,282.1	12,996.4	14,539.0	7,051.1	86.7	1,905.2	26.5	40.7	451.8	746.5	3,178.1	3,252.8
Red River	2,463.4	14,569.0	2,053.7	8,182.4	65.9	3,374.8	0.0	45.4	16.2	713.2	327.6	2,253.2
Rusk	13,053.9	13,692.4	11,038.0	7,850.4	267.4	2,008.3	30.5	0.0	595.0	1,185.1	1,123.0	2,648.5
Sabine	13,143.3	7,942.4	12,048.5	4,604.8	76.9	867.3	29.0	0.0	231.1	244.0	757.8	2,226.3
San Augustine	10,497.9	8,779.4	8,746.5	5,074.6	120.5	676.4	91.3	0.0	130.1	990.6	1,409.4	2,037.9
San Jacinto	10,735.8	8,744.4	9,239.2	5,506.4	241.9	1,180.6	55.3	32.0	199.0	490.4	1,000.4	1,535.0
Shelby	11,687.3	15,399.9	9,865.9	9,725.0	143.4	1,862.5	11.3	0.0	278.3	491.0	1,388.4	3,321.5
Smith	5,145.0	10,382.1	4,307.9	4,327.9	223.9	2,934.6	11.4	30.2	163.0	1,043.5	438.7	2,046.0
Titus	1,046.1	4,754.5	794.0	2,751.4	119.1	868.1	0.0	0.0	12.4	267.7	120.6	867.4
Trinity	12,786.6	7,614.5	10,525.2	4,791.3	249.3	1,007.3	28.7	68.8	421.3	514.5	1,562.0	1,232.6
Tyler	12,458.0	14,213.1	9,920.1	7,658.2	88.8	2,382.4	0.0	0.0	273.7	777.0	2,175.4	3,395.5
Upshur	8,191.8	9,713.8	6,812.0	4,616.9	590.4	2,085.1	0.0	0.0	111.7	600.1	677.7	2,411.8
Van Zandt	514.9	6,172.1	347.2	3,456.6	102.3	1,479.5	0.0	0.0	23.9	241.2	41.6	994.8
Walker	14,242.0	8,534.5	12,088.9	4,129.2	141.3	1,999.1	162.7	18.0	439.0	599.1	1,410.0	1,789.1
Waller	2,738.4	2,780.5	2,573.8	1,605.2	0.0	551.3	0.0	20.1	22.3	234.2	142.3	369.7
Wood	4,917.8	8,748.4	3,987.0	4,890.5	75.5	1,661.7	0.0	0.0	255.6	211.4	599.7	1,984.8
All counties	340,317.2	437,067.8	286,615.5	249,253.3	6,303.3	71,935.2	1,741.0	936.1	9,773.9	28,493.1	35,883.5	86,450.0

[*]Numbers in columns and rows may not total due to rounding.

[†]Includes trees ≥ 5.0 inches in d.b.h.

[‡]Includes growing-stock, rough and rotten, and nonsalvable dead trees ≥1.0 and < 5.0 inches in d.b.h.

[§]Softwood species.

[¶]Hardwood species.

Table 55.—*Wood and bark dry weight of crowns in trees on timberland by county and tree class, east Texas, 1992*[*]

County	All trees		Tree class: Growing stock[†]		Rough and rotten[†]		Salvable dead[†]		Nonsalvable dead[†]		Sapling[‡]	
	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]
	Million pounds											
Anderson	1,089.2	6,248.0	958.1	3,648.5	60.1	1,939.4	0.0	0.0	24.8	459.5	46.2	200.6
Angelina	3,424.3	2,989.8	3,146.4	2,259.4	25.5	414.2	28.8	8.2	90.4	196.8	133.2	111.2
Bowie	842.0	3,997.0	741.9	2,506.1	33.4	1,147.6	24.2	63.7	3.4	130.2	39.1	149.4
Camp	114.2	398.3	95.9	196.3	14.5	127.6	0.0	0.0	0.0	21.8	3.8	52.6
Cass	1,503.7	7,144.9	1,339.9	5,081.3	56.9	1,203.6	13.1	7.3	43.3	508.3	50.4	344.4
Chambers	44.5	152.6	40.3	41.9	1.4	81.3	0.0	0.0	2.9	0.0	0.0	29.5
Cherokee	1,788.8	5,072.9	1,561.3	3,466.4	35.8	863.1	19.1	7.4	88.6	445.0	83.9	291.0
Franklin	98.7	698.3	72.3	415.6	5.0	228.8	0.0	0.0	10.3	22.7	11.1	31.3
Gregg	243.1	1,497.6	221.5	944.0	6.3	374.5	0.0	0.0	7.5	140.5	7.8	38.6
Grimes	384.1	1,861.0	332.7	895.6	25.4	782.2	4.5	16.6	3.8	108.1	17.7	58.5
Hardin	1,958.7	3,792.9	1,627.5	2,507.9	63.8	662.2	0.0	7.9	129.2	357.2	138.2	257.6
Harris	1,063.7	2,093.7	947.8	1,215.4	63.6	596.2	16.3	2.9	16.3	134.9	19.7	144.3
Harrison	2,175.2	4,689.7	1,864.5	3,196.9	109.9	954.5	8.1	0.0	99.7	212.9	92.9	325.3
Henderson	347.1	2,594.8	295.7	1,510.3	24.5	708.0	0.0	0.0	12.5	241.5	14.3	135.0
Houston	2,426.1	4,646.4	2,251.0	3,143.7	53.0	915.5	0.0	6.9	59.5	357.3	62.6	223.0
Jasper	3,053.7	6,618.6	2,770.3	4,770.1	57.0	1,200.5	65.2	19.3	90.7	361.5	70.3	267.2
Jefferson	84.9	1,201.7	81.2	708.6	1.9	344.0	0.0	6.8	0.0	76.8	1.8	65.6
Leon	158.1	5,381.7	151.8	3,281.0	0.0	1,401.4	0.0	0.0	4.9	501.9	1.3	197.4
Liberty	822.3	6,613.8	773.7	4,276.8	13.0	1,335.0	2.7	5.5	11.5	738.2	21.4	258.3
Madison	111.5	1,282.8	100.0	776.4	3.8	391.0	0.0	0.0	4.1	90.8	3.7	24.7
Marion	1,023.5	2,394.8	899.9	1,788.4	34.8	262.5	0.0	0.0	64.4	170.4	24.3	173.6
Montgomery	3,556.7	5,102.2	3,288.9	3,140.2	51.8	1,140.2	9.9	50.5	125.4	480.6	80.6	290.7
Morris	328.7	1,277.2	273.7	744.4	20.7	404.3	0.0	0.0	8.4	44.0	25.9	84.5
Nacogdoches	2,301.4	4,731.4	2,113.8	3,412.5	16.5	739.0	3.2	0.0	91.6	287.9	76.3	292.0
Newton	3,068.1	5,099.4	2,710.4	3,164.4	54.3	956.2	2.7	68.2	138.8	590.0	161.9	320.6
Orange	529.1	1,909.9	480.7	1,150.7	10.6	580.6	0.0	0.0	31.4	110.7	6.4	67.8
Panola	2,089.4	4,566.7	1,880.7	2,756.6	70.1	1,095.7	23.7	7.6	63.4	439.3	51.5	267.6
Polk	3,642.6	4,266.1	3,308.1	2,718.3	22.2	959.5	5.1	16.9	104.3	288.5	202.9	282.9
Red River	422.0	5,333.2	377.8	3,327.2	19.9	1,525.6	0.0	13.2	3.4	271.3	20.9	195.9
Rusk	2,044.3	4,263.7	1,826.0	2,893.5	54.9	737.2	3.4	0.0	88.3	402.7	71.7	230.3
Sabine	2,365.8	2,472.5	2,242.7	1,751.5	24.9	418.5	6.8	0.0	43.0	108.9	48.4	193.6
San Augustine	2,041.3	2,858.6	1,889.9	1,943.4	22.1	298.7	13.2	0.0	26.2	439.2	90.0	177.2
San Jacinto	1,883.1	2,656.3	1,691.7	1,807.3	62.6	545.6	10.5	8.8	54.4	161.2	63.9	133.5
Shelby	2,010.9	5,184.2	1,830.5	3,932.8	29.2	786.6	1.3	0.0	61.2	176.0	88.6	288.8
Smith	827.9	3,593.8	717.0	1,593.2	50.8	1,415.0	4.9	8.6	27.2	399.1	28.0	177.9
Titus	166.2	1,733.8	136.4	1,081.9	19.4	468.9	0.0	0.0	2.7	107.6	7.7	75.4
Trinity	2,338.1	3,110.7	2,062.7	2,172.8	71.6	492.3	5.5	21.5	98.5	316.8	99.7	107.2
Tyler	2,238.5	4,754.0	2,025.3	3,040.9	24.1	1,151.2	0.0	0.0	50.2	266.7	138.9	295.3
Upshur	1,304.5	2,752.1	1,121.9	1,499.5	107.9	818.0	0.0	0.0	31.4	224.9	43.3	209.7
Van Zandt	83.3	2,267.8	59.5	1,394.5	18.4	702.8	0.0	0.0	2.7	84.0	2.7	86.5
Walker	2,468.1	2,813.2	2,244.2	1,580.0	30.7	833.1	29.4	8.9	73.8	235.5	90.0	155.6
Waller	438.5	999.3	425.9	632.5	0.0	240.3	0.0	8.1	3.4	86.3	9.1	32.1
Wood	741.1	2,744.7	630.4	1,806.7	22.1	690.2	0.0	0.0	50.3	75.2	38.3	172.6
All counties	59,646.8	145,862.3	53,612.4	94,175.5	1,494.3	32,932.6	301.7	364.8	1,948.0	10,872.6	2,290.4	7,516.8

[*]Numbers in columns and rows may not total due to rounding.

[†]Includes trees ≥ 5.0 inches in d.b.h.

[‡]Includes growing-stock, rough and rotten, and nonsalvable dead trees ≥1.0 and < 5.0 inches in d.b.h.

[§]Softwood species.

[¶]Hardwood species.

Table 56.—*Wood and bark fresh weight of live trees on timberland by county and basal area class, east Texas, 1992*[*]

County	All classes		Basal area class† (*Square feet per acre*) <30		30–59		60–89		90–119		120–49		≥150	
	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]
	Million pounds													
Anderson	14,993.7	39,347.5	80.2	886.4	1,298.5	3,747.4	1,204.9	12,360.5	7,048.9	16,645.9	4,741.4	4,616.2	619.8	1,091.2
Angelina	42,828.6	19,762.2	124.8	741.1	3,387.0	1,450.7	7,758.5	8,104.6	15,037.7	5,617.7	10,722.5	2,187.1	5,798.3	1,661.1
Bowie	10,564.4	26,391.3	389.7	905.4	1,404.3	1,499.9	1,470.6	12,020.3	2,422.1	6,206.6	942.7	2,039.4	3,935.0	3,719.8
Camp	1,785.2	3,328.1	44.2	565.7	630.2	571.6	653.3	808.1	457.4	1,382.6	0.0	0.0	0.0	0.0
Cass	20,315.4	48,455.7	485.0	1,944.2	1,954.7	4,467.3	3,380.0	9,452.9	5,847.1	13,046.8	6,322.5	13,717.3	2,326.0	5,827.3
Chambers	597.5	1,248.8	0.0	0.0	60.8	688.0	0.0	0.0	0.0	0.0	536.8	560.8	0.0	0.0
Cherokee	23,861.3	36,774.3	257.6	1,064.6	1,882.5	3,035.6	4,625.6	7,515.5	8,178.3	13,582.5	3,722.2	6,927.2	5,195.1	4,648.8
Franklin	1,318.7	5,447.3	0.0	24.1	0.0	606.6	469.4	1,152.6	849.3	3,664.0	0.0	0.0	0.0	0.0
Gregg	3,142.8	8,556.4	94.2	128.3	0.0	392.8	396.1	2,302.6	2,652.5	3,643.9	0.0	2,088.7	0.0	0.0
Grimes	5,163.2	11,173.3	134.6	0.0	734.1	1,022.1	2,596.7	8,853.8	1,697.7	1,297.4	0.0	0.0	0.0	0.0
Hardin	21,257.2	25,187.4	1,100.7	1,112.7	1,987.1	1,006.4	7,678.2	4,117.9	4,249.8	10,331.4	5,359.4	7,924.3	882.1	694.7
Harris	14,278.8	15,075.1	142.2	573.3	1,659.1	3,794.1	1,274.8	2,076.5	6,572.1	6,627.8	4,630.6	2,003.4	0.0	0.0
Harrison	28,792.0	35,768.4	36.3	200.6	1,291.9	4,357.0	2,893.3	9,348.1	6,314.4	10,100.8	11,063.5	8,868.7	7,192.7	2,893.2
Henderson	4,757.5	16,377.9	0.0	264.9	166.6	3,200.9	660.8	5,962.4	3,407.4	6,224.1	522.7	725.7	0.0	0.0
Houston	31,708.7	31,316.9	380.6	1,227.5	853.6	2,665.1	4,451.4	14,494.0	11,839.7	6,975.4	7,864.0	3,364.1	6,319.5	2,590.9
Jasper	36,728.7	43,601.5	872.0	656.9	5,360.0	3,746.2	5,507.1	4,165.6	10,592.7	21,449.2	8,701.9	6,656.4	5,695.1	6,927.2
Jefferson	1,272.6	8,566.6	47.2	381.7	0.0	0.0	339.3	923.1	59.4	2,983.3	619.5	2,643.3	207.0	1,635.2
Leon	2,105.6	33,484.4	0.0	966.3	279.6	6,341.0	149.2	11,936.8	83.2	12,762.1	1,593.6	1,478.3	0.0	0.0
Liberty	10,820.9	42,089.9	328.8	1,119.3	1,077.1	4,695.0	2,114.8	16,282.6	4,773.5	13,664.5	1,600.5	5,007.5	926.3	1,321.0
Madison	1,366.8	7,759.2	0.0	371.5	0.0	725.0	248.2	5,216.3	1,118.5	1,446.5	0.0	0.0	0.0	0.0
Marion	13,863.0	17,887.7	294.4	0.0	520.3	1,903.4	7,513.7	8,222.8	2,370.9	5,423.3	2,122.7	1,656.1	1,041.0	682.2
Montgomery	46,334.7	36,175.7	93.0	329.8	2,080.0	2,657.4	11,934.4	11,810.7	13,592.1	10,035.0	14,410.9	10,086.9	4,224.2	1,255.9
Morris	4,419.1	9,046.3	0.0	321.7	87.3	297.0	1,360.2	1,766.0	644.6	3,718.0	745.4	2,688.2	1,581.7	255.4
Nacogdoches	31,118.3	34,370.0	636.5	1,407.9	727.0	3,414.4	8,609.5	9,224.8	5,857.3	12,313.3	12,346.7	7,126.6	2,941.3	883.1
Newton	36,997.2	35,492.2	826.2	1,044.4	3,281.6	1,778.7	9,083.0	11,131.6	9,082.2	7,096.1	9,856.4	11,031.6	4,867.7	3,409.8
Orange	6,568.8	11,870.3	407.6	627.3	1,183.4	1,023.8	353.5	1,978.5	1,220.9	4,709.5	2,097.2	2,362.5	1,306.1	1,168.7
Panola	26,890.1	30,364.5	264.1	331.8	1,038.6	2,136.7	3,997.2	8,834.0	9,224.0	10,599.5	4,945.5	6,154.9	7,420.7	2,307.5
Polk	41,923.2	29,043.0	1,234.0	774.0	4,010.9	3,101.6	8,755.0	9,685.0	12,607.8	9,472.9	12,867.0	5,579.4	2,448.5	430.0
Red River	5,642.0	32,718.1	123.5	239.0	524.5	3,810.0	767.9	12,708.7	1,674.8	15,229.0	2,551.3	731.3	0.0	0.0
Rusk	28,960.4	30,005.9	293.2	649.8	704.9	4,347.7	2,953.1	5,794.2	7,094.7	8,176.8	12,760.4	7,122.9	5,154.2	3,914.6
Sabine	10,438.4	17,927.7	91.9	843.0	1,698.6	623.3	3,667.4	4,449.4	10,120.8	5,701.1	10,799.8	4,011.0	4,059.9	2,299.9
San Augustine	24,072.0	18,659.9	469.3	636.3	1,583.8	1,056.5	3,402.9	2,653.4	4,946.0	3,260.1	9,106.4	8,178.8	4,563.6	2,874.8
San Jacinto	24,240.6	19,588.5	301.1	89.9	2,445.8	2,661.0	4,670.5	6,534.6	11,282.5	5,710.0	2,799.2	1,068.5	2,741.7	3,524.6
Shelby	25,861.5	36,529.9	338.1	637.3	898.3	1,249.4	4,948.9	12,196.6	7,626.2	17,453.6	5,704.1	3,403.5	6,345.8	1,589.5
Smith	11,516.6	22,571.4	338.9	80.8	1,201.5	3,864.5	3,759.7	9,943.8	295.4	5,090.2	3,881.4	3,499.3	2,039.7	92.7
Titus	2,443.1	11,132.1	23.5	70.2	304.6	68.5	632.8	4,730.1	1,482.2	6,263.4	0.0	0.0	0.0	0.0
Trinity	28,700.2	18,695.2	923.5	942.2	2,424.6	1,016.4	5,649.3	5,918.4	3,843.4	858.9	15,859.4	6,362.7	0.0	3,596.5
Tyler	28,061.0	32,776.9	1,174.3	759.4	4,573.0	3,823.5	10,170.2	12,350.0	6,443.0	6,667.7	4,502.7	8,428.5	1,197.8	747.7
Upshur	18,919.8	21,519.2	19.9	243.4	394.5	882.4	3,225.9	6,377.0	6,022.5	4,451.6	5,099.0	6,263.3	4,158.0	3,301.7
Van Zandt	1,161.8	14,493.6	0.0	0.0	92.1	2,274.2	111.1	1,765.9	843.9	5,211.9	114.6	5,241.6	0.0	0.0
Walker	31,636.5	19,168.9	450.4	225.9	3,010.9	2,121.2	9,631.9	6,842.6	8,614.2	6,920.8	7,187.5	2,247.7	2,741.7	810.7
Waller	6,411.1	6,410.0	0.0	122.0	712.3	724.6	486.8	1,162.3	1,412.8	2,731.8	2,408.9	646.3	1,390.3	1,022.9
Wood	10,530.0	19,728.3	20.0	201.7	429.1	2,437.8	1,948.7	4,033.0	4,197.8	8,460.8	2,190.7	4,540.9	1,743.7	54.1
All counties	764,368.8	985,887.4	12,841.4	23,712.1	57,954.5	95,286.7	155,506.1	297,207.2	223,701.7	323,208.0	213,300.8	179,240.9	101,064.3	67,232.6

[*]Numbers in columns and rows may not total due to rounding.
†Based upon all live trees ≥1.0 inch in d.b.h.
‡Softwood species.
§Hardwood species.

Table 57.—*Wood and bark fresh weight of stems in live trees on timberland by county and basal area class, east Texas, 1992*[*]

County	All classes		Basal area class[†] (*Square feet per acre*) <30		30–59		60–89		90–119		120–149		≥150	
	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]
	Million pounds													
Anderson	12,690.8	28,793.2	70.0	680.7	1,088.7	2,637.1	1,000.1	9,153.9	5,967.8	12,139.5	4,031.2	3,370.3	533.0	811.9
Angelina	35,854.6	14,601.2	94.1	509.2	2,855.5	1,058.4	6,539.5	5,912.6	12,487.9	4,293.6	8,969.4	1,645.2	4,908.2	1,182.2
Bowie	8,817.8	19,545.9	328.1	651.9	1,171.0	1,149.5	1,218.2	8,809.6	1,993.7	4,509.2	784.6	1,522.1	3,322.2	2,903.6
Camp	1,538.0	2,579.4	38.7	461.8	556.6	478.4	548.3	582.2	394.3	1,057.0	0.0	0.0	0.0	0.0
Cass	17,182.1	36,218.2	415.5	1,395.4	1,599.7	3,329.9	2,858.3	7,056.6	4,930.3	9,693.4	5,386.5	10,321.9	1,991.7	4,421.0
Chambers	511.6	933.5	0.0	0.0	49.0	484.2	0.0	0.0	0.0	0.0	462.5	449.3	0.0	0.0
Cherokee	20,213.5	27,995.6	223.1	780.7	1,600.8	2,273.0	3,826.8	5,679.4	6,984.9	10,210.6	3,100.1	5,386.8	4,477.8	3,665.1
Franklin	1,113.7	4,124.4	0.0	18.5	0.0	448.9	394.8	917.3	719.0	2,739.8	0.0	0.0	0.0	0.0
Gregg	2,640.5	6,254.6	81.5	97.7	0.0	301.3	340.1	1,684.1	2,219.0	2,630.2	0.0	1,541.3	0.0	0.0
Grimes	4,350.1	8,172.0	113.8	0.0	586.4	753.1	2,179.3	6,474.9	1,470.6	944.0	0.0	0.0	0.0	0.0
Hardin	17,344.7	18,613.6	926.5	821.7	1,616.8	772.0	6,237.5	3,138.6	3,506.5	7,650.9	4,310.0	5,710.8	747.4	519.6
Harris	12,151.7	11,351.6	121.8	430.1	1,404.3	2,819.3	1,099.8	1,636.9	5,600.3	4,889.7	3,925.6	1,575.6	0.0	0.0
Harrison	24,363.2	27,085.3	30.9	157.5	1,096.0	3,317.2	2,447.0	7,193.8	5,410.2	7,634.0	9,331.6	6,581.5	6,047.4	2,201.3
Henderson	4,018.3	12,152.7	0.0	186.9	147.1	2,316.6	556.5	4,388.0	2,867.1	4,724.9	447.7	536.3	0.0	0.0
Houston	26,659.9	23,167.1	290.9	952.6	680.1	2,027.5	3,696.4	10,396.1	10,011.0	5,202.6	6,641.2	2,600.0	5,340.2	1,988.3
Jasper	30,767.6	31,985.5	764.3	501.7	4,463.6	2,778.0	4,522.3	3,029.9	8,938.8	15,694.0	7,282.8	4,848.9	4,795.8	5,133.1
Jefferson	1,106.1	6,413.9	42.2	297.6	0.0	0.0	297.2	718.1	50.3	2,159.6	528.2	1,931.8	188.3	1,306.9
Leon	1,786.7	24,649.1	0.0	725.7	237.9	4,656.2	123.7	8,852.8	71.6	9,305.0	1,353.6	1,109.5	0.0	0.0
Liberty	9,145.7	31,500.7	264.4	829.2	874.7	3,545.4	1,801.6	12,142.1	4,055.0	10,126.6	1,371.8	3,782.5	778.2	1,075.0
Madison	1,148.3	5,786.6	0.0	265.7	0.0	546.6	202.0	3,896.6	946.3	1,077.8	0.0	0.0	0.0	0.0
Marion	11,872.4	13,623.6	245.2	0.0	448.5	1,410.3	6,436.8	6,367.4	2,022.6	4,030.3	1,799.7	1,286.7	919.6	528.9
Montgomery	39,183.0	27,238.5	74.0	247.8	1,794.4	2,013.7	10,159.2	8,974.1	11,460.0	7,456.8	12,128.3	7,597.3	3,567.2	948.7
Morris	3,723.1	6,793.6	0.0	195.3	68.8	209.5	1,136.8	1,372.7	532.7	2,724.1	641.5	2,089.9	1,343.3	202.1
Nacogdoches	26,426.2	25,820.1	549.1	904.3	611.0	2,555.0	7,326.1	7,014.0	4,949.6	9,195.1	10,468.5	5,448.4	2,522.0	703.2
Newton	30,806.9	26,912.2	701.6	800.8	2,758.9	1,425.6	7,535.7	8,358.6	7,414.4	5,318.4	8,207.4	8,416.1	4,188.9	2,592.8
Orange	5,549.6	8,577.1	339.4	473.1	990.4	764.4	293.5	1,385.4	1,038.0	3,296.4	1,779.9	1,788.5	1,108.4	869.2
Panola	22,701.1	22,589.3	208.5	237.5	871.3	1,634.7	3,329.7	6,592.6	7,851.5	7,707.0	4,219.1	4,628.7	6,220.9	1,788.8
Polk	34,295.4	21,580.6	1,041.0	587.6	3,237.7	2,388.8	7,174.1	7,057.8	10,295.2	7,069.9	10,510.6	4,141.5	2,036.8	335.0
Red River	4,751.0	23,957.4	102.4	174.9	388.9	2,747.1	667.8	9,213.8	1,409.7	11,246.9	2,182.2	574.5	0.0	0.0
Rusk	24,786.2	22,727.5	255.8	448.3	594.8	3,343.4	2,543.4	4,365.4	6,023.7	6,276.2	10,949.6	5,390.3	4,418.9	2,903.9
Sabine	25,578.1	13,429.9	77.9	607.8	1,423.0	478.9	3,120.3	3,373.8	8,420.6	4,266.7	9,084.9	2,985.8	3,451.4	1,716.8
San Augustine	19,790.1	13,982.6	394.2	462.7	1,264.8	759.2	2,774.1	2,044.8	4,021.3	2,427.5	7,525.0	6,028.5	3,810.6	2,260.0
San Jacinto	20,444.9	14,899.8	253.5	62.0	2,062.1	2,027.8	3,908.9	4,898.4	9,585.6	4,341.7	2,375.6	860.3	2,259.2	2,709.7
Shelby	21,767.6	27,074.3	260.0	486.2	686.0	974.0	4,187.9	9,053.9	6,504.2	12,645.3	4,717.4	2,659.9	5,412.1	1,255.0
Smith	9,794.1	16,588.8	287.7	56.4	1,022.1	2,861.3	3,225.2	7,368.4	248.2	3,774.3	3,265.6	2,451.5	1,745.3	76.9
Titus	2,072.7	8,095.0	21.1	51.3	262.4	55.9	555.4	3,241.3	1,233.9	4,746.5	0.0	0.0	0.0	0.0
Trinity	23,995.8	13,409.3	785.5	745.9	2,040.0	723.0	4,558.9	4,164.7	3,248.8	643.9	13,362.6	4,692.0	0.0	2,439.9
Tyler	23,394.5	24,209.1	1,003.0	540.5	3,845.3	2,872.1	8,467.3	9,305.8	5,332.7	4,916.1	3,710.6	6,028.1	1,035.5	546.5
Upshur	16,154.8	16,571.5	16.0	182.0	324.5	674.9	2,741.4	4,891.3	5,168.4	3,362.0	4,294.7	4,876.3	3,609.8	2,584.9
Van Zandt	984.5	10,532.3	0.0	0.0	77.2	1,570.9	92.9	1,331.2	725.0	3,841.1	89.4	3,789.2	0.0	0.0
Walker	26,648.7	14,297.0	387.1	163.3	2,519.0	1,539.8	8,133.4	5,089.2	7,262.6	5,224.7	6,071.7	1,655.4	2,275.0	624.6
Waller	5,490.8	4,741.9	0.0	87.2	613.6	516.5	396.1	845.8	1,210.5	1,971.3	2,064.6	520.2	1,206.0	800.9
Wood	9,024.2	14,786.1	12.4	165.2	375.6	1,820.4	1,642.4	2,986.3	3,589.5	6,350.1	1,892.7	3,422.5	1,511.7	41.6
All counties	642,640.7	734,361.5	10,821.2	17,444.4	48,308.4	71,059.7	130,296.6	220,960.1	188,173.2	239,514.3	179,268.4	134,245.6	85,772.9	51,137.4

[*]Numbers in columns and rows may not total due to rounding.
[†]Based upon all live trees ≥1.0 inch in d.b.h.
[‡]Softwood species.
[§]Hardwood species.

Table 58.—*Wood and bark fresh weight of crowns in live trees on timberland by county and basal area class, east Texas, 1992*[*]

County	All classes		Basal area class[†] (*Square feet per acre*) <30		30–59		60–89		90–119		120–149		≥150	
	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]
	Million pounds													
Anderson	2,302.9	10,554.3	10.2	205.7	209.7	1,110.3	204.8	3,206.6	1,081.2	4,506.4	710.2	1,246.0	86.8	279.3
Angelina	6,974.0	5,161.1	30.7	231.9	531.5	392.3	1,219.0	2,192.0	2,549.7	1,324.1	1,753.1	541.9	890.1	478.8
Bowie	1,746.6	6,845.5	61.6	253.4	233.3	350.3	252.5	3,210.7	428.4	1,697.5	158.1	517.4	612.8	816.2
Camp	247.2	748.7	5.5	103.9	73.6	93.2	105.0	225.9	63.1	325.6	0.0	0.0	0.0	0.0
Cass	3,133.3	12,237.5	69.5	548.7	355.0	1,137.4	521.7	2,396.3	916.8	3,353.5	936.0	3,395.3	334.2	1,406.3
Chambers	86.0	315.3	0.0	0.0	11.7	203.7	0.0	0.0	0.0	0.0	74.3	111.5	0.0	0.0
Cherokee	3,647.8	8,778.7	34.5	283.9	281.6	762.6	798.8	1,836.1	1,193.4	3,372.0	622.1	1,540.4	717.3	983.7
Franklin	204.9	1,322.9	0.0	5.6	0.0	157.7	74.7	235.3	130.3	924.2	0.0	0.0	0.0	0.0
Gregg	502.3	2,301.8	12.7	30.6	0.0	91.6	56.1	618.5	433.5	1,013.7	0.0	547.4	0.0	0.0
Grimes	813.0	3,001.4	20.8	0.0	147.7	269.0	417.4	2,378.8	227.1	353.5	0.0	0.0	0.0	0.0
Hardin	3,912.6	6,573.8	174.2	291.0	370.2	234.4	1,440.7	979.3	743.3	2,680.5	1,049.4	2,213.4	134.7	175.1
Harris	2,127.1	3,723.4	20.4	143.3	254.8	974.8	175.1	439.6	971.8	1,738.1	705.0	427.7	0.0	0.0
Harrison	4,428.8	8,683.1	5.3	43.1	195.9	1,039.8	446.3	2,154.4	904.2	2,466.7	1,731.9	2,287.3	1,145.2	691.8
Henderson	739.2	4,225.2	0.0	78.1	19.5	884.2	104.3	1,574.4	540.3	1,499.2	74.9	189.3	0.0	0.0
Houston	5,048.8	8,149.8	89.7	274.9	173.5	637.5	754.9	4,097.9	1,828.6	1,772.8	1,222.7	764.1	979.3	602.6
Jasper	5,961.0	11,616.0	107.7	155.2	896.4	968.3	984.8	1,135.7	1,653.8	5,755.2	1,419.1	1,807.5	899.3	1,794.2
Jefferson	166.4	2,152.7	5.1	84.1	0.0	0.0	42.1	205.0	9.1	823.7	91.3	711.5	18.8	328.3
Leon	318.9	8,835.3	0.0	240.6	41.8	1,684.8	25.5	3,084.0	11.6	3,457.1	240.0	368.8	0.0	0.0
Liberty	1,675.2	10,589.2	64.3	290.2	202.4	1,149.6	313.2	4,140.5	718.5	3,537.9	228.7	1,225.0	148.1	246.1
Madison	218.5	1,972.6	0.0	105.8	0.0	178.4	46.2	1,319.6	172.3	368.7	0.0	0.0	0.0	0.0
Marion	1,990.7	4,264.2	49.2	0.0	71.8	493.1	1,076.9	1,855.4	348.4	1,393.0	323.0	369.4	121.4	153.3
Montgomery	7,151.7	8,937.2	19.0	81.9	285.6	643.7	1,775.3	2,836.6	2,132.2	2,578.1	2,282.6	2,489.7	657.0	307.1
Morris	696.1	2,252.7	0.0	126.4	18.5	87.4	223.4	393.3	111.9	993.9	103.9	598.3	238.4	53.3
Nacogdoches	4,692.1	8,549.9	87.4	503.5	116.0	859.4	1,283.4	2,210.8	907.8	3,118.2	1,878.2	1,678.2	419.3	179.8
Newton	6,190.2	8,580.0	124.6	243.6	522.8	353.2	1,547.3	2,773.0	1,667.8	1,777.7	1,648.9	2,615.5	678.8	817.1
Orange	1,019.1	3,293.2	68.2	154.2	193.0	259.4	59.9	593.0	182.9	1,413.1	317.4	573.9	197.7	299.5
Panola	4,189.1	7,775.2	55.6	94.3	167.3	502.0	667.5	2,241.5	1,372.5	2,892.5	726.4	1,526.2	1,199.8	518.7
Polk	7,627.8	7,462.3	192.9	186.4	773.2	712.9	1,580.9	2,627.2	2,312.6	2,403.0	2,356.4	1,437.9	411.7	95.0
Red River	891.0	8,760.7	21.1	64.1	135.7	1,062.8	100.1	3,494.9	265.1	3,982.1	369.0	156.8	0.0	0.0
Rusk	4,174.2	7,278.4	37.4	201.6	110.1	1,004.3	409.6	1,428.7	1,071.0	1,900.6	1,810.8	1,732.5	735.2	1,010.7
Sabine	4,860.3	4,497.8	13.9	235.2	275.6	144.3	547.1	1,075.6	1,700.3	1,434.4	1,714.8	1,025.2	608.5	583.1
San Augustine	4,282.0	4,677.3	75.1	173.6	319.0	297.3	628.7	608.6	924.7	832.6	1,581.4	2,150.3	753.0	614.8
San Jacinto	3,795.6	4,688.7	47.5	27.9	383.7	633.2	761.6	1,636.2	1,696.8	1,368.3	423.6	208.2	482.5	814.9
Shelby	4,093.9	9,455.5	78.2	151.1	212.4	275.4	761.0	3,142.7	1,122.0	4,808.2	986.8	743.6	933.7	334.5
Smith	1,722.6	5,982.6	51.2	24.4	179.4	1,003.3	534.5	2,575.4	47.2	1,315.9	615.8	1,047.8	294.4	15.8
Titus	370.4	3,037.1	2.4	18.9	42.2	12.6	77.4	1,488.8	248.3	1,516.9	0.0	0.0	0.0	0.0
Trinity	4,704.4	5,285.8	138.0	196.3	384.6	293.4	1,090.4	1,753.7	594.6	215.0	2,496.8	1,670.7	0.0	1,156.7
Tyler	4,666.5	8,567.8	171.3	218.9	727.7	951.3	1,702.8	3,044.3	1,110.3	1,751.6	792.1	2,400.5	162.3	201.2
Upshur	2,764.9	4,947.7	3.8	61.4	70.0	207.5	484.5	1,485.6	854.1	1,089.6	804.3	1,386.9	548.2	716.7
Van Zandt	177.3	3,961.3	0.0	0.0	14.9	703.4	18.3	434.7	119.0	1,370.8	25.2	1,452.4	0.0	0.0
Walker	4,987.9	4,871.9	63.3	62.7	491.9	581.4	1,498.5	1,753.3	1,351.5	1,696.1	1,115.8	592.3	466.7	186.0
Waller	920.3	1,668.1	0.0	34.8	98.7	208.1	90.8	316.5	202.3	760.5	344.3	126.1	184.2	222.0
Wood	1,505.7	4,942.2	7.7	36.5	53.4	617.4	306.4	1,046.7	608.2	2,110.7	298.0	1,118.4	232.0	12.5
All counties	121,728.1	251,525.8	2,020.2	6,267.7	9,646.1	24,227.0	25,209.5	76,247.0	35,528.5	83,693.6	34,032.4	44,995.3	15,291.4	16,095.2

[*]Numbers in columns and rows may not total due to rounding.
[†]Based upon all live trees ≥1.0 inch in d.b.h.
[‡]Softwood species.
[§]Hardwood species.

Table 59.—*Wood and bark dry weight of live trees on timberland by county and basal area class, east Texas, 1992*[*]

County	All classes		Basal area class[†] (*Square feet per acre*) <30		30–59		60–89		90–119		120–149		≥150	
	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]
	Million pounds													
Anderson	7,388.0	21,400.5	39.6	498.7	639.0	1,965.7	594.2	6,823.6	3,478.4	8,929.9	2,333.1	2,578.1	303.7	604.4
Angelina	21,332.2	10,583.9	62.8	384.7	1,688.8	740.2	3,880.0	4,325.0	7,457.3	3,013.4	5,332.4	1,217.9	2,910.9	902.8
Bowie	5,242.4	14,396.0	197.9	470.6	707.1	814.8	737.3	6,678.2	1,208.5	3,387.9	462.0	1,131.1	1,929.6	1,913.4
Camp	877.8	1,763.1	21.6	314.3	311.9	298.6	318.4	396.2	225.9	754.1	0.0	0.0	0.0	0.0
Cass	10,017.6	25,945.4	239.9	1,059.3	975.2	2,264.4	1,662.3	5,064.9	2,888.3	7,031.8	3,105.4	7,280.3	1,146.6	3,244.7
Chambers	296.1	676.5	0.0	0.0	30.4	369.5	0.0	0.0	0.0	0.0	265.7	307.1	0.0	0.0
Cherokee	11,767.4	19,481.2	125.8	595.1	928.3	1,683.2	2,322.5	4,076.9	4,031.3	7,186.5	1,841.2	3,530.4	2,518.3	2,409.0
Franklin	659.9	2,816.9	0.0	15.1	0.0	356.3	235.9	588.6	424.0	1,856.9	0.0	0.0	0.0	0.0
Gregg	1,555.6	4,762.7	47.3	74.0	0.0	218.2	196.2	1,252.4	1,312.0	1,936.1	0.0	1,282.1	0.0	0.0
Grimes	2,558.8	6,289.5	67.4	0.0	373.9	528.8	1,277.6	5,011.0	839.9	749.7	0.0	0.0	0.0	0.0
Hardin	10,831.6	13,537.4	566.0	591.4	1,007.3	517.8	3,956.6	2,217.0	2,168.8	5,617.4	2,692.4	4,228.0	440.4	365.9
Harris	7,104.5	8,085.4	72.2	314.7	820.5	2,126.9	634.8	1,122.8	3,289.9	3,469.1	2,287.1	1,051.9	0.0	0.0
Harrison	14,310.3	18,701.4	17.9	98.1	651.4	2,243.4	1,428.5	4,780.3	3,110.8	5,417.7	5,453.1	4,608.9	3,648.6	1,553.0
Henderson	2,339.1	9,307.3	0.0	155.9	81.4	1,775.2	332.7	3,431.2	1,670.3	3,535.8	254.7	409.1	0.0	0.0
Houston	15,576.7	16,552.6	192.2	653.1	426.3	1,466.8	2,197.3	7,660.4	5,809.2	3,685.5	3,843.4	1,756.2	3,108.3	1,330.6
Jasper	18,559.7	23,290.5	439.9	345.4	2,731.2	1,975.8	2,793.2	2,208.7	5,356.0	11,518.0	4,335.0	3,472.3	2,904.3	3,770.4
Jefferson	649.5	4,554.3	25.8	208.1	0.0	0.0	176.7	506.0	29.0	1,593.8	302.2	1,394.0	115.8	852.5
Leon	1,040.1	18,653.5	0.0	501.0	140.3	3,590.3	73.7	6,444.6	40.6	7,358.7	785.5	758.9	0.0	0.0
Liberty	5,388.8	23,061.8	167.3	616.5	548.8	2,559.0	1,068.0	8,948.1	2,368.1	7,436.0	786.5	2,808.5	450.1	693.6
Madison	676.1	4,456.9	0.0	224.9	0.0	414.8	123.6	2,973.8	552.5	843.3	0.0	0.0	0.0	0.0
Marion	6,920.2	9,424.7	150.9	0.0	266.0	1,074.7	3,694.3	4,143.6	1,180.4	2,916.1	1,046.1	907.5	582.4	382.7
Montgomery	22,837.3	18,786.8	46.6	173.9	1,041.9	1,339.7	5,881.7	6,068.3	6,713.2	5,251.8	7,079.3	5,261.5	2,074.6	691.8
Morris	2,193.3	4,910.6	0.0	151.7	44.2	166.0	684.6	969.5	317.6	2,012.3	364.7	1,476.7	782.2	134.4
Nacogdoches	15,375.0	18,175.3	310.3	691.1	358.7	1,770.5	4,246.7	4,875.1	2,928.0	6,492.3	6,089.5	3,901.6	1,441.9	444.7
Newton	18,696.6	18,896.4	425.3	572.2	1,675.9	939.9	4,646.3	6,006.2	4,605.1	3,806.8	4,979.9	5,823.5	2,364.1	1,747.9
Orange	3,266.0	6,381.0	204.6	331.4	609.2	506.5	175.4	1,079.5	607.0	2,532.7	1,032.4	1,300.2	637.4	630.7
Panola	13,355.7	16,248.9	134.4	168.4	512.1	1,121.3	1,978.1	4,708.9	4,559.0	5,711.4	2,535.8	3,306.2	3,636.2	1,232.7
Polk	20,945.4	15,523.1	611.9	411.7	2,031.8	1,667.2	4,388.4	5,245.1	6,291.6	4,946.5	6,428.7	3,031.0	1,193.0	221.7
Red River	2,797.3	18,598.1	61.4	130.6	265.9	2,092.3	380.7	7,146.4	834.3	8,833.7	1,254.9	395.1	0.0	0.0
Rusk	14,226.2	15,734.8	150.9	336.6	349.7	2,342.5	1,460.1	2,974.5	3,490.6	4,435.3	6,257.5	3,611.2	2,517.4	2,034.6
Sabine	15,034.0	9,688.3	46.2	478.4	844.3	303.8	1,842.9	2,418.5	5,019.4	3,074.6	5,308.7	2,179.4	1,972.5	1,233.6
San Augustine	11,966.4	9,996.7	237.2	355.5	800.1	521.8	1,687.4	1,396.1	2,456.8	1,770.0	4,521.2	4,409.5	2,263.8	1,543.8
San Jacinto	12,017.4	10,431.3	155.0	47.2	1,225.7	1,379.7	2,307.9	3,526.8	5,543.6	3,101.3	1,373.8	543.8	1,411.4	1,832.5
Shelby	12,727.1	19,430.4	170.0	309.8	459.1	643.7	2,435.6	6,547.5	3,729.3	9,347.3	2,831.2	1,761.4	3,101.9	820.7
Smith	5,695.9	12,177.5	169.9	42.6	620.6	2,136.7	1,848.4	5,479.9	146.8	2,566.6	1,898.1	1,895.3	1,012.1	56.4
Titus	1,197.2	5,964.0	12.2	37.8	150.1	35.1	308.3	2,455.9	726.7	3,435.1	0.0	0.0	0.0	0.0
Trinity	14,173.3	9,650.7	468.9	474.1	1,206.0	521.3	2,808.1	2,985.0	1,908.5	469.9	7,781.8	3,352.9	0.0	1,847.5
Tyler	14,157.3	17,559.7	594.5	392.8	2,329.5	2,073.8	5,120.4	6,612.6	3,230.5	3,600.9	2,295.1	4,501.6	587.3	377.9
Upshur	9,310.2	11,341.6	9.9	125.6	193.3	473.7	1,604.3	3,380.1	2,950.2	2,339.2	2,503.9	3,260.5	2,048.6	1,762.5
Van Zandt	571.6	7,936.3	0.0	0.0	45.6	1,263.1	56.5	824.8	413.2	2,974.2	56.2	2,874.3	0.0	0.0
Walker	15,622.2	10,301.9	225.5	140.0	1,474.3	1,139.9	4,754.6	3,700.0	4,258.2	3,665.2	3,554.7	1,213.3	1,354.8	443.4
Waller	3,151.1	3,423.9	0.0	72.0	349.7	400.2	243.3	634.9	695.0	1,517.6	1,190.5	302.6	672.6	496.5
Wood	5,153.6	10,655.6	10.1	107.3	214.0	1,416.2	970.9	2,254.9	2,048.8	4,468.1	1,061.8	2,382.1	848.1	27.0
All counties	379,562.4	529,554.3	6,479.3	12,671.8	29,129.4	51,239.2	77,534.4	159,943.6	110,914.7	174,590.5	105,525.9	95,506.1	49,978.7	35,603.1

[*]Numbers in columns and rows may not total due to rounding.

[†]Based upon all live trees ≥1.0 inch in d.b.h.

[‡]Softwood species.

[§]Hardwood species.

Table 60.—*Wood and bark dry weight of stems in live trees on timberland by county and basal area class, east Texas, 1992*[*]

County	All classes		Basal area class[†] (*Square feet per acre*) <30		30–59		60–89		90–119		120–149		≥150	
	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]	Soft[‡]	Hard[§]
	Million pounds													
Anderson	6,327.1	15,640.2	35.3	382.0	540.6	1,412.9	501.0	5,034.9	2,977.9	6,470.2	2,010.7	1,870.9	261.5	469.2
Angelina	18,049.2	7,811.1	48.7	258.5	1,449.3	538.8	3,299.4	3,111.3	6,243.7	2,334.7	4,526.1	912.4	2,482.0	655.4
Bowie	4,428.5	10,613.4	171.9	338.9	604.6	652.5	623.8	4,864.9	1,010.7	2,427.3	384.6	835.6	1,632.9	1,494.2
Camp	763.6	1,396.9	19.1	262.1	280.0	260.8	269.4	288.0	195.1	585.9	0.0	0.0	0.0	0.0
Cass	8,575.2	19,375.6	208.4	762.1	813.0	1,711.1	1,418.7	3,797.0	2,464.0	5,213.3	2,687.4	5,457.4	983.5	2,434.7
Chambers	254.5	528.7	0.0	0.0	24.9	267.2	0.0	0.0	0.0	0.0	229.6	261.6	0.0	0.0
Cherokee	10,093.3	14,895.7	109.9	431.3	797.6	1,269.0	1,960.6	3,092.5	3,487.8	5,420.1	1,549.4	2,759.3	2,188.0	1,923.5
Franklin	571.5	2,141.3	0.0	13.9	0.0	282.9	204.4	480.0	367.1	1,364.6	0.0	0.0	0.0	0.0
Gregg	1,320.1	3,416.6	41.3	60.1	0.0	164.9	169.2	911.5	1,109.6	1,371.0	0.0	909.2	0.0	0.0
Grimes	2,183.8	4,561.2	57.6	0.0	311.7	389.3	1,080.4	3,627.3	734.1	544.6	0.0	0.0	0.0	0.0
Hardin	9,027.6	10,157.0	493.7	448.8	841.8	430.1	3,292.7	1,763.2	1,814.2	4,194.1	2,207.0	3,036.2	378.2	284.5
Harris	6,075.4	6,137.7	63.5	252.3	698.8	1,577.9	551.3	905.2	2,816.6	2,562.1	1,945.2	840.3	0.0	0.0
Harrison	12,257.8	14,259.2	15.2	79.6	570.7	1,724.1	1,225.9	3,676.3	2,694.2	4,130.6	4,640.9	3,463.8	3,110.8	1,184.9
Henderson	2,004.5	6,970.0	0.0	110.5	72.7	1,285.7	291.2	2,543.6	1,420.2	2,730.7	220.3	299.6	0.0	0.0
Houston	13,218.8	12,295.5	151.7	517.1	346.3	1,134.2	1,849.4	5,455.4	4,949.1	2,747.8	3,283.6	1,419.8	2,638.8	1,021.2
Jasper	15,685.6	17,100.2	393.4	273.6	2,303.7	1,483.4	2,330.9	1,613.5	4,547.2	8,445.0	3,649.4	2,500.6	2,461.0	2,784.0
Jefferson	565.9	3,439.1	23.4	164.4	0.0	0.0	155.1	407.3	24.5	1,154.3	257.6	1,016.6	105.3	696.5
Leon	886.9	13,798.8	0.0	388.9	121.1	2,663.7	62.1	4,787.1	35.2	5,382.6	668.5	576.4	0.0	0.0
Liberty	4,584.1	17,220.5	138.9	465.2	457.4	1,930.7	915.9	6,599.4	2,020.6	5,560.7	674.4	2,095.8	377.0	568.7
Madison	571.4	3,265.5	0.0	163.0	0.0	311.1	102.7	2,178.4	468.7	613.0	0.0	0.0	0.0	0.0
Marion	5,966.7	7,244.0	127.7	0.0	234.7	823.1	3,188.7	3,233.0	1,011.3	2,162.6	889.9	721.5	514.5	303.7
Montgomery	19,431.4	14,247.2	37.5	134.9	916.9	1,020.0	5,033.5	4,655.3	5,692.6	3,947.6	5,993.7	3,956.1	1,757.1	533.3
Morris	1,877.6	3,688.8	0.0	93.1	35.5	122.2	586.9	753.8	264.6	1,455.4	319.3	1,148.7	671.3	115.5
Nacogdoches	13,180.0	13,770.9	269.9	441.0	305.1	1,317.0	3,650.0	3,736.7	2,512.3	4,859.7	5,201.3	3,065.9	1,241.4	350.8
Newton	15,794.4	14,482.1	370.5	459.7	1,431.8	776.3	3,915.7	4,545.2	3,827.8	2,904.1	4,203.7	4,452.4	2,045.0	1,344.4
Orange	2,770.5	4,593.8	173.7	253.1	514.7	390.3	146.8	743.8	515.6	1,744.4	879.6	998.7	540.2	463.4
Panola	11,368.8	12,148.1	109.9	120.9	434.3	877.0	1,662.1	3,519.7	3,914.3	4,178.3	2,181.6	2,497.6	3,066.6	954.6
Polk	17,435.7	11,614.2	522.3	313.8	1,691.4	1,306.4	3,663.4	3,858.1	5,209.7	3,686.0	5,357.0	2,271.3	991.8	178.5
Red River	2,382.8	13,570.3	52.4	95.0	203.3	1,527.8	339.0	5,208.3	709.5	6,425.5	1,078.6	313.7	0.0	0.0
Rusk	12,283.0	11,924.4	136.8	233.5	301.4	1,825.7	1,280.1	2,270.6	3,002.3	3,389.0	5,402.5	2,714.8	2,159.9	1,490.7
Sabine	12,727.9	7,354.6	39.8	348.7	719.9	251.0	1,581.1	1,844.5	4,213.3	2,341.7	4,497.1	1,649.8	1,676.7	919.0
San Augustine	9,983.1	7,594.3	205.1	256.4	663.4	381.5	1,399.0	1,100.9	2,028.0	1,340.7	3,772.9	3,263.6	1,914.7	1,251.2
San Jacinto	10,216.2	7,967.1	136.0	33.4	1,055.3	1,067.9	1,948.9	2,630.2	4,724.3	2,382.0	1,173.0	444.6	1,178.6	1,409.0
Shelby	10,815.9	14,461.0	134.0	236.0	367.1	526.0	2,083.7	4,876.6	3,198.5	6,755.8	2,377.8	1,406.7	2,654.9	659.9
Smith	4,904.3	9,016.7	145.5	29.6	535.9	1,579.2	1,608.1	4,074.2	126.6	1,928.6	1,616.8	1,353.2	871.3	51.9
Titus	1,033.7	4,349.7	11.4	27.6	130.3	29.5	274.3	1,675.8	617.8	2,616.8	0.0	0.0	0.0	0.0
Trinity	11,963.1	6,890.6	414.1	377.8	1,021.5	372.5	2,300.1	2,090.4	1,637.1	352.6	6,590.3	2,461.7	0.0	1,235.7
Tyler	11,981.9	13,101.4	517.5	298.7	1,993.1	1,632.5	4,328.3	5,039.5	2,707.4	2,688.9	1,925.0	3,149.0	510.6	292.8
Upshur	8,039.7	8,838.3	8.2	97.5	160.6	365.0	1,381.4	2,591.3	2,559.8	1,842.9	2,136.6	2,556.5	1,793.2	1,385.1
Van Zandt	491.0	5,766.8	0.0	0.0	38.8	885.3	47.6	616.7	359.6	2,169.7	45.0	2,095.2	0.0	0.0
Walker	13,280.2	7,748.0	196.7	103.5	1,241.0	821.3	4,045.8	2,758.8	3,622.8	2,780.4	3,040.1	933.9	1,133.8	350.0
Waller	2,716.1	2,519.6	0.0	51.2	301.6	284.4	200.2	460.3	596.9	1,090.6	1,030.3	245.7	587.1	387.4
Wood	4,474.8	8,030.2	6.6	95.4	192.1	1,055.3	832.1	1,675.6	1,772.3	3,358.7	927.2	1,823.7	744.4	21.5
All counties	322,563.5	395,946.2	5,587.7	9,473.2	24,723.8	38,727.3	65,800.7	119,096.0	94,204.9	129,654.5	89,574.2	71,779.9	42,672.2	27,215.2

[*]Numbers in columns and rows may not total due to rounding.
[†]Based upon all live trees ≥1.0 inch in d.b.h.
[‡]Softwood species.
[§]Hardwood species.

Table 61.—*Wood and bark dry weight of crowns in live trees on timberland by county and basal area class, east Texas, 1992**

County	All classes		Basal area class† (*Square feet per acre*)											
			<30		30–59		60–89		90–119		120–149		≥150	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds													
Anderson	1,061.0	5,760.3	4.3	116.7	98.4	552.9	93.2	1,788.7	500.6	2,459.7	322.4	707.1	42.1	135.2
Angelina	3,283.0	2,772.9	14.1	126.2	239.6	201.4	580.6	1,213.7	1,213.6	678.7	806.3	305.5	428.9	247.3
Bowie	813.8	3,782.6	26.0	131.7	102.4	162.3	113.5	1,813.3	197.8	960.5	77.4	295.6	296.6	419.2
Camp	114.2	366.2	2.5	52.2	31.9	37.8	49.0	108.2	30.8	168.1	0.0	0.0	0.0	0.0
Cass	1,442.4	6,569.8	31.4	297.2	162.2	553.4	243.5	1,267.9	424.3	1,818.6	418.0	1,822.8	163.0	810.0
Chambers	41.6	147.8	0.0	0.0	5.5	102.3	0.0	0.0	0.0	0.0	36.1	45.5	0.0	0.0
Cherokee	1,674.1	4,585.5	15.9	163.8	130.7	414.3	361.9	984.4	543.5	1,766.5	291.7	771.1	330.3	485.5
Franklin	88.4	675.6	0.0	1.2	0.0	73.5	31.5	108.6	56.9	492.3	0.0	0.0	0.0	0.0
Gregg	235.6	1,346.2	6.0	13.9	0.0	53.3	27.1	340.9	202.5	565.1	0.0	372.9	0.0	0.0
Grimes	375.0	1,728.3	9.9	0.0	62.1	139.4	197.2	1,383.7	105.8	205.1	0.0	0.0	0.0	0.0
Hardin	1,804.0	3,380.4	72.3	142.5	165.6	87.7	663.9	453.8	354.7	1,423.3	485.4	1,191.7	62.2	81.4
Harris	1,029.1	1,947.7	8.8	62.4	121.7	549.0	83.5	217.6	473.3	907.0	341.9	211.7	0.0	0.0
Harrison	2,052.5	4,442.2	2.6	18.6	80.6	519.3	202.6	1,104.0	416.6	1,287.1	812.2	1,145.1	537.7	368.1
Henderson	334.6	2,337.2	0.0	45.4	8.7	489.5	41.4	887.6	250.1	805.2	34.4	109.5	0.0	0.0
Houston	2,357.9	4,257.1	40.6	136.0	80.0	332.6	347.9	2,205.0	860.2	937.7	559.8	336.4	469.6	309.4
Jasper	2,874.1	6,190.3	46.6	71.8	427.5	492.4	462.4	595.2	808.7	3,072.9	685.6	971.7	443.2	986.3
Jefferson	83.6	1,115.1	2.4	43.7	0.0	0.0	21.6	98.7	4.5	439.5	44.5	377.3	10.5	155.9
Leon	153.1	4,854.7	0.0	112.1	19.1	926.6	11.6	1,657.4	5.4	1,976.1	117.0	182.5	0.0	0.0
Liberty	804.7	5,841.2	28.5	151.4	91.4	628.3	152.1	2,348.7	347.5	1,875.3	112.2	712.7	73.1	124.9
Madison	104.7	1,191.4	0.0	61.9	0.0	103.7	20.9	795.4	83.8	230.3	0.0	0.0	0.0	0.0
Marion	953.4	2,180.8	23.2	0.0	31.4	251.6	505.6	910.6	169.1	753.5	156.3	186.1	67.9	79.0
Montgomery	3,405.9	4,539.7	9.0	39.0	125.0	319.7	848.2	1,413.0	1,020.6	1,304.2	1,085.7	1,305.3	317.5	158.5
Morris	315.7	1,221.8	0.0	58.6	8.7	43.7	97.7	215.7	52.9	556.9	45.5	328.0	110.9	18.9
Nacogdoches	2,195.0	4,404.4	40.3	250.1	53.6	453.6	596.7	1,138.4	415.7	1,632.6	888.2	835.7	200.5	93.9
Newton	2,902.1	4,414.3	54.8	112.5	244.1	163.6	730.5	1,461.0	777.3	902.7	776.2	1,371.0	319.2	403.5
Orange	495.5	1,787.2	30.9	78.3	94.6	116.1	28.6	335.6	91.3	788.3	152.8	301.6	97.2	167.3
Panola	1,986.9	4,100.9	24.5	47.5	77.8	244.3	316.1	1,189.2	644.7	1,533.1	354.1	808.6	569.7	278.2
Polk	3,509.7	3,908.9	89.6	97.9	340.4	360.7	724.9	1,387.1	1,081.8	1,260.5	1,071.7	759.6	201.2	43.1
Red River	414.5	5,027.8	9.0	35.6	62.6	564.6	41.8	1,938.1	124.8	2,408.2	176.3	81.3	0.0	0.0
Rusk	1,943.3	3,810.3	14.1	103.1	48.3	516.8	180.0	703.9	488.3	1,046.3	855.0	896.4	357.5	543.9
Sabine	2,306.1	2,333.7	6.4	129.7	124.3	52.8	261.9	574.0	806.1	732.9	811.6	529.6	295.8	314.6
San Augustine	1,983.3	2,402.4	32.1	99.1	136.7	140.2	288.4	295.2	428.8	429.3	748.3	1,146.0	349.0	292.6
San Jacinto	1,801.2	2,464.2	19.0	13.8	170.4	311.8	359.0	896.6	819.2	719.3	200.8	99.2	232.8	423.5
Shelby	1,911.2	4,969.3	36.0	73.8	92.0	117.7	352.0	1,670.8	530.8	2,591.5	453.4	354.7	447.0	160.8
Smith	791.6	3,160.7	24.4	13.0	84.7	557.4	240.3	1,405.7	20.2	638.0	281.3	542.1	140.8	4.5
Titus	163.5	1,614.3	0.7	10.3	19.8	5.6	34.1	780.1	108.9	818.3	0.0	0.0	0.0	0.0
Trinity	2,210.2	2,760.1	54.8	96.3	184.5	148.7	508.0	894.7	271.4	117.3	1,191.5	891.3	0.0	611.8
Tyler	2,175.3	4,458.3	77.0	94.1	336.4	441.3	792.1	1,573.1	523.2	912.0	370.1	1,352.6	76.6	85.1
Upshur	1,270.5	2,503.3	1.7	28.1	32.7	108.7	222.9	788.8	390.4	496.3	367.4	703.9	255.4	377.4
Van Zandt	80.6	2,169.5	0.0	0.0	6.8	377.8	8.9	208.1	53.6	804.5	11.2	779.1	0.0	0.0
Walker	2,342.0	2,553.9	28.7	36.5	233.3	318.6	708.8	941.2	635.4	884.8	514.7	279.4	221.0	93.4
Waller	435.0	904.3	0.0	20.7	48.1	115.9	43.1	174.6	98.1	427.0	160.2	56.9	85.5	109.2
Wood	678.8	2,625.4	3.5	11.9	21.9	360.9	138.8	579.3	276.4	1,109.5	134.6	558.4	103.7	5.4
All counties	56,998.9	133,608.1	891.6	3,198.6	4,405.6	12,511.9	11,733.7	40,847.6	16,709.8	44,936.0	15,951.8	23,726.2	7,306.4	8,387.8

*Numbers in columns and rows may not total due to rounding.
†Based upon all live trees ≥1.0 inch in d.b.h.
‡Softwood species.
§Hardwood species.

Table 62.—*Sampling errors for estimates of wood and bark weight of live trees by county, tree component, and species group, east Texas, 1992*[*]

County	Percent sampling error of fresh weight						Percent sampling error of dry weight					
	Total tree		Stem		Crown		Total tree		Stem		Crown	
	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]	Soft[†]	Hard[‡]
Anderson	18.4	9.1	18.4	8.9	18.3	10.1	18.3	9.2	18.4	8.8	18.4	10.6
Angelina	10.2	13.1	10.3	12.8	10.0	14.5	10.2	13.2	10.3	12.8	10.3	15.3
Bowie	28.7	14.5	29.1	14.7	27.4	14.1	28.4	14.1	28.5	14.3	28.3	14.2
Camp	34.8	34.2	34.2	32.8	39.0	39.9	34.5	34.7	33.9	33.1	40.0	42.2
Cass	17.0	11.9	17.2	11.8	16.3	12.6	17.0	12.2	17.1	11.9	16.5	13.4
Chambers	88.4	23.5	89.2	27.2	83.8	16.9	88.3	24.2	89.0	29.4	84.4	16.9
Cherokee	14.3	10.8	14.5	10.7	13.6	11.3	14.2	10.8	14.3	10.6	13.8	11.9
Franklin	63.2	35.7	63.1	35.4	63.6	38.6	63.0	34.6	62.9	33.0	64.8	41.9
Gregg	44.4	26.9	44.8	26.7	43.1	27.7	44.2	28.4	44.3	27.8	43.8	30.2
Grimes	27.4	15.6	27.9	15.5	25.2	16.2	27.3	15.8	27.7	15.6	25.5	17.1
Hardin	12.5	17.5	12.5	17.2	13.0	18.7	12.6	17.7	12.5	16.9	13.3	20.3
Harris	20.9	16.9	20.8	16.7	21.2	17.9	20.8	16.6	20.7	16.3	21.3	18.4
Harrison	14.3	9.3	14.4	9.0	14.3	10.7	14.3	9.7	14.3	9.3	14.5	11.5
Henderson	33.1	11.3	33.3	11.3	32.1	11.8	33.0	11.4	33.1	11.3	32.7	12.4
Houston	14.1	10.0	14.2	9.7	13.3	11.3	14.0	9.9	14.1	9.5	13.6	11.9
Jasper	13.7	12.7	13.7	12.4	14.0	13.8	13.8	12.9	13.8	12.4	14.4	14.4
Jefferson	49.5	24.6	48.8	24.7	54.8	25.2	47.9	24.4	47.2	24.3	53.4	25.9
Leon	73.8	7.8	73.8	7.8	73.6	7.9	73.6	7.9	73.4	7.9	74.7	8.5
Liberty	19.6	8.7	19.7	8.7	19.3	9.0	19.4	8.7	19.4	8.7	19.5	9.2
Madison	81.6	18.8	82.2	18.9	78.8	19.1	81.5	18.8	81.8	18.5	79.8	20.1
Marion	14.3	11.0	14.3	10.8	14.6	12.2	14.4	11.3	14.3	10.8	15.0	13.6
Montgomery	10.1	8.4	10.1	8.3	10.3	9.0	10.0	8.6	10.0	8.5	10.4	9.7
Morris	38.7	21.9	39.1	22.2	36.9	22.9	38.5	22.2	38.7	22.5	37.5	23.4
Nacogdoches	14.3	10.7	14.4	10.4	14.1	12.1	14.2	11.0	14.2	10.5	14.5	13.1
Newton	10.1	12.4	10.2	12.3	10.3	13.0	10.1	12.4	10.0	12.0	10.4	13.7
Orange	23.3	19.6	23.4	19.2	22.7	21.4	22.9	19.9	22.9	19.2	22.8	22.5
Panola	16.3	11.2	16.4	11.0	16.2	12.4	16.3	11.7	16.3	11.4	16.4	13.3
Polk	10.4	13.3	10.6	13.0	10.2	14.4	10.3	13.5	10.4	13.0	10.4	15.4
Red River	34.7	10.2	35.1	10.2	33.0	10.2	34.4	10.5	34.6	10.4	33.8	11.2
Rusk	20.6	14.4	20.7	14.2	20.3	15.3	20.5	14.6	20.5	14.2	21.0	16.2
Sabine	12.2	14.4	12.3	13.9	11.7	15.9	12.1	14.4	12.1	13.7	11.9	17.1
San Augustine	13.5	17.8	13.9	17.7	12.7	18.3	13.4	17.9	13.6	17.5	13.0	19.5
San Jacinto	13.8	15.0	13.8	15.2	14.4	14.7	13.7	14.7	13.6	14.8	14.5	14.8
Shelby	18.4	10.3	18.5	9.9	17.9	11.5	18.2	10.4	18.2	9.8	18.4	12.3
Smith	24.9	11.2	24.9	10.9	25.1	12.8	24.8	11.0	24.8	10.8	25.4	12.4
Titus	43.0	14.1	42.4	14.0	46.8	15.6	42.9	14.6	42.3	14.3	47.1	17.0
Trinity	17.1	23.4	17.3	22.4	16.3	26.3	16.9	23.3	16.9	22.2	16.8	26.7
Tyler	10.7	14.7	10.7	14.1	11.3	16.7	10.7	14.8	10.6	13.7	11.5	18.2
Upshur	17.9	11.7	18.0	12.1	17.3	11.2	17.7	11.8	17.8	12.1	17.7	11.6
Van Zandt	51.4	13.6	52.1	13.8	47.6	13.4	50.9	13.5	51.4	13.5	47.9	13.7
Walker	11.4	12.1	11.5	12.2	11.0	12.2	11.3	12.3	11.4	12.2	11.2	13.0
Waller	29.3	23.0	29.5	22.6	28.5	24.9	29.2	24.1	29.4	23.4	28.4	26.6
Wood	23.7	14.3	23.8	14.2	23.2	15.0	23.6	14.1	23.7	13.8	23.2	15.1
All counties	2.8	2.1	2.9	2.1	2.8	2.3	2.8	2.2	2.8	2.1	2.9	2.4

[*]See text for derivation of sampling error.
[†]Softwood species.
[‡]Hardwood species.

Appendix 4.—Figures

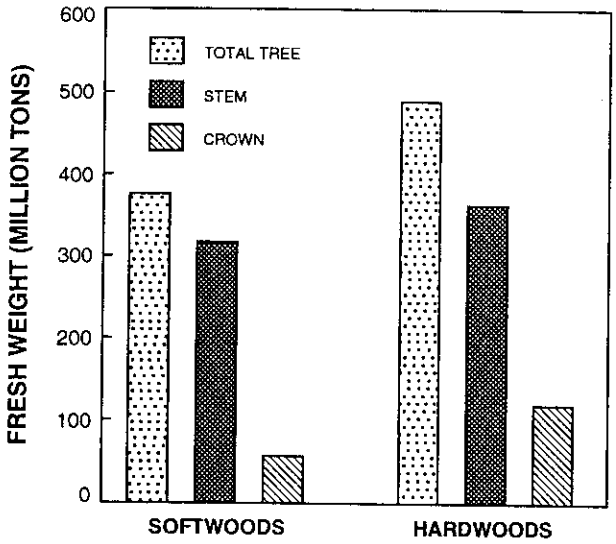

Figure 1.—*Wood and bark, fresh, live-tree biomass for softwoods and hardwoods, by tree component, east Texas, 1992.*

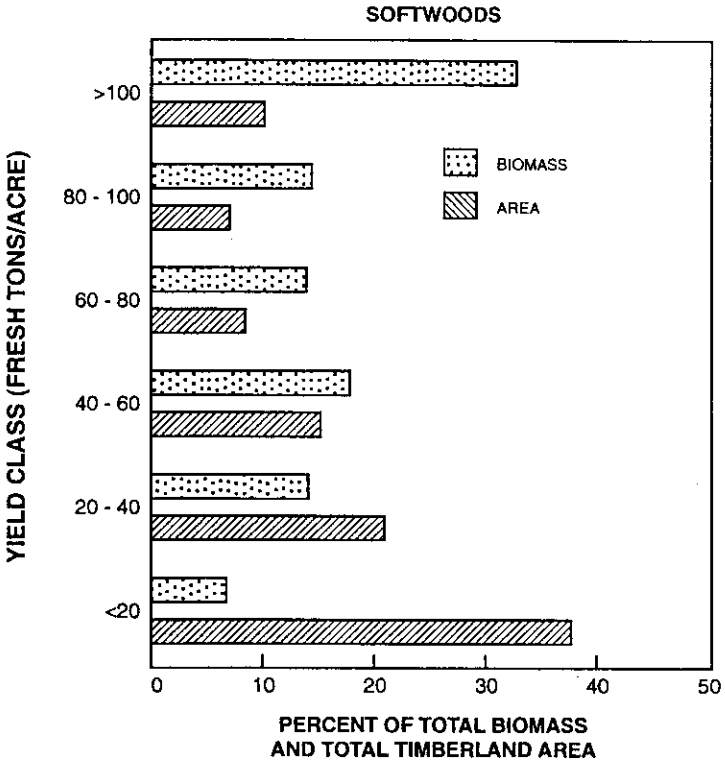

Figure 2.—*Effective density of fresh, live-tree softwood biomass and relative area of softwood timberland by respective yield class, east Texas, 1992.*

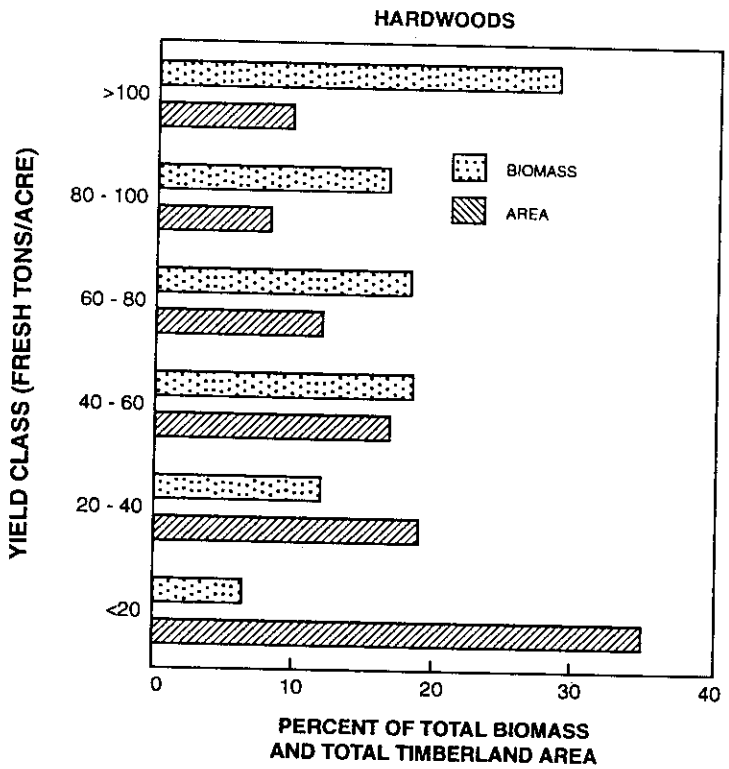

Figure 3.—*Effective density of fresh, live-tree hardwood biomass and relative area of hardwood timberland by respective yield class, east Texas, 1992.*

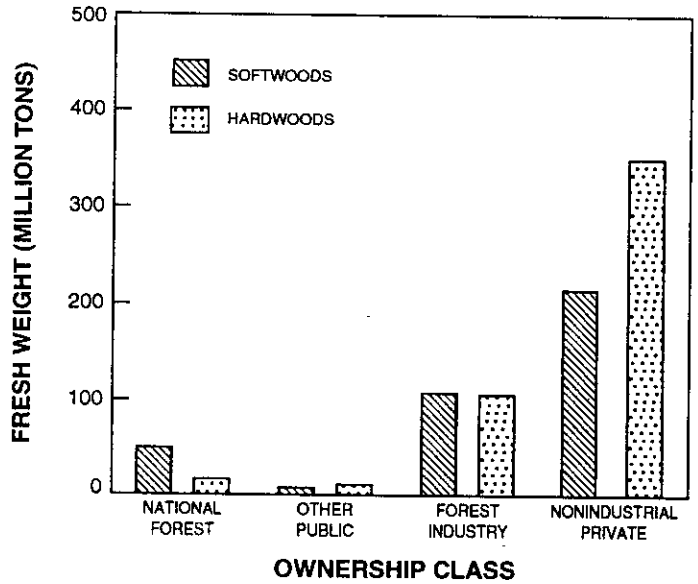

Figure 4.—*Wood and bark, fresh, live-tree biomass for softwoods and hardwoods, by ownership class, east Texas, 1992.*

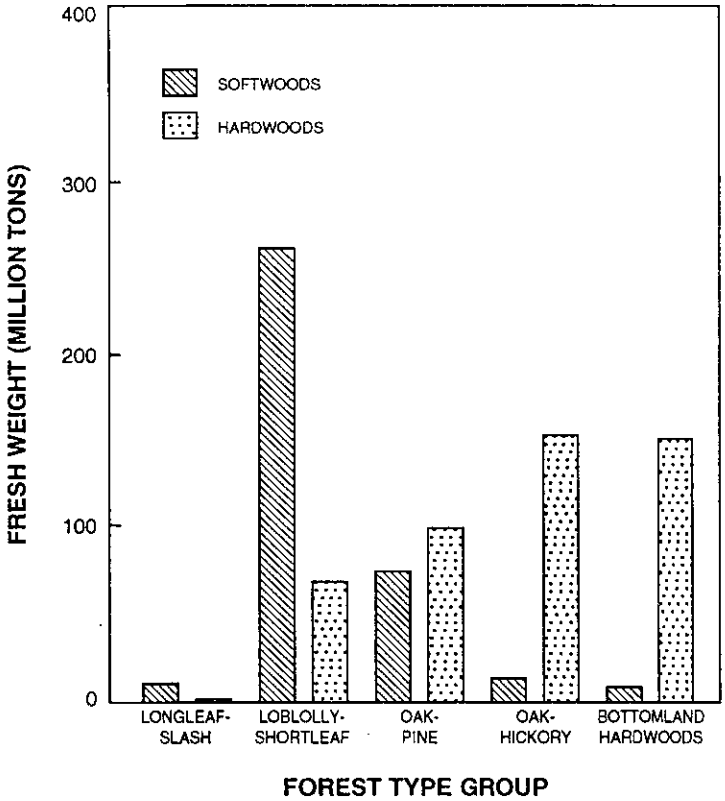

Figure 5.—*Wood and bark, fresh, live-tree biomass for softwoods and hardwoods, by forest type group, east Texas, 1992.*

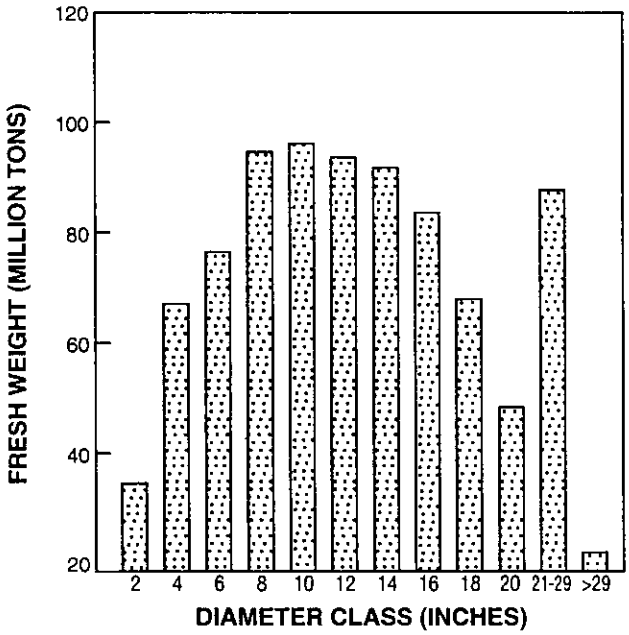

Figure 6.—*Wood and bark, fresh, live-tree biomass for softwoods and hardwoods combined, by 2-inch diameter classes, east Texas, 1992.*

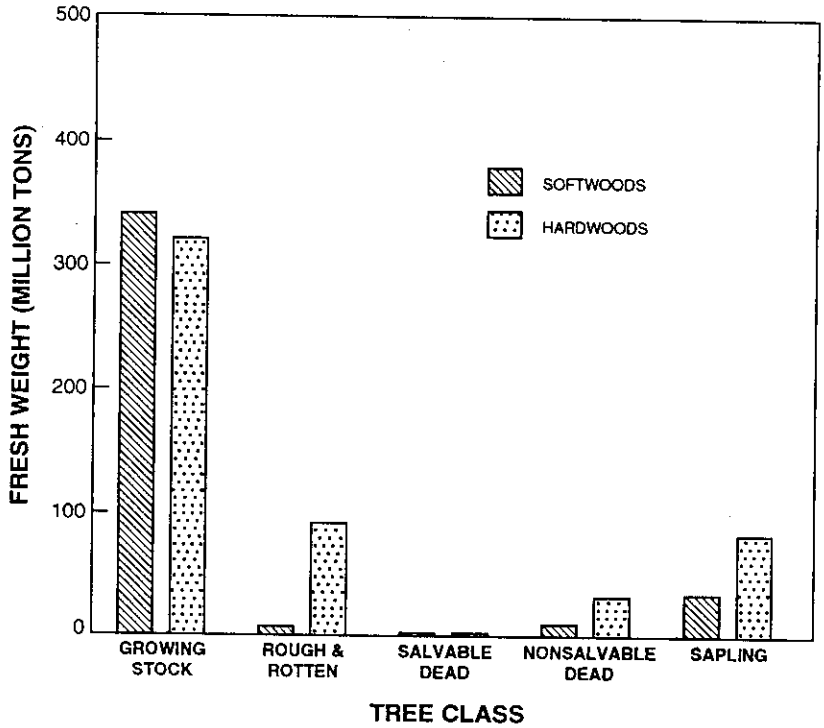

Figure 7.—*Wood and bark, fresh, live-tree biomass for softwoods and hardwoods, by tree class, east Texas, 1992.*

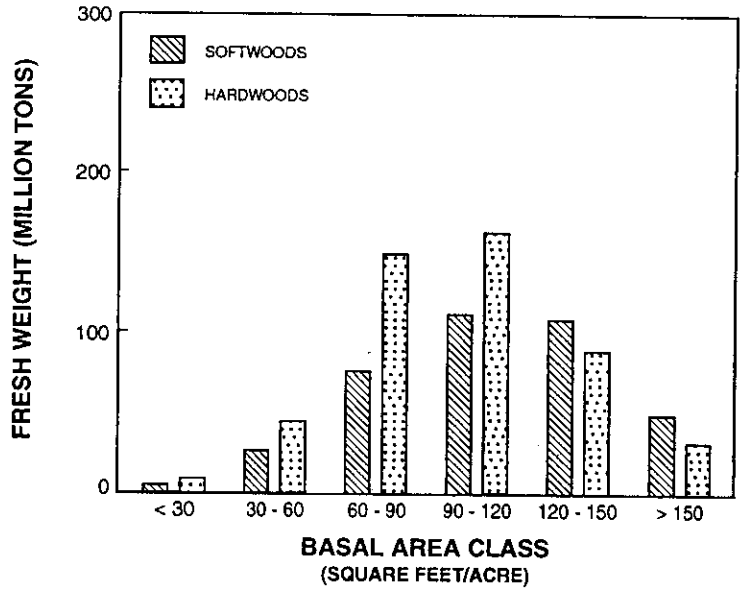

Figure 8.—*Wood and bark, fresh, live-tree biomass for softwoods and hardwoods, by basal area class, east Texas, 1992.*

Rosson, James F., Jr. 1993. The woody biomass resource of east Texas, 1992. Resour. Bull. SO-183. New Orleans, LA: U.S. Department of Agriculture, Forest Service, Southern Forest Experiment Station. 87 p.

Tabulates fresh and dry biomass estimates of major trees in east Texas by forest type, ownership, species, stand basal area, tree class, diameter, and height. Information is presented for total tree, stem, and crown components.

Keywords: Forest inventory, forest land, green weight, large-scale sample, regional inventory.

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Southern Forest
Experiment Station
701 Loyola Ave., Rm.T-10210
New Orleans, LA 70113-1931

OFFICIAL BUSINESS
Penalty for Private Use $300