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Forest Statistics
For
Southwest Arkansas Counties

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The logo for the Southern Forest Experiment Station features a stylized triangle with a smaller triangle inside it, positioned to the right of the text.

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These tables were derived from data obtained during a 1978 inventory of 20 counties comprising the Southwest Unit of Arkansas (fig. 1). The data on forest acreage and timber volume were secured by a systematic sampling method involving a forest-nonforest classification on aerial photographs and on-the-ground measurements of trees at sample locations. The sample locations were at the intersections of a grid of lines spaced 3 miles apart. At each forest location, 10 BA 37.5 point samples were distributed on an area of about 1 acre.

The sampling methods were developed to provide suitable State estimates. Estimates for smaller areas are presented, but sampling error increases as the area considered decreases. Sampling errors given in table 1 are based on one standard deviation or a probability of two chances out of three. To estimate the sampling error for a combination of counties one can use the following:

$$SE_G = \frac{SE_T \sqrt{X_T}}{\sqrt{X_G}}$$

where:

- SE = Sampling error
- X = variable of interest (area, volume)
- G = group of counties to be combined
- T = total for the unit

Sampling errors for estimates of the principal timber species are shown in table 2.

Because of differences in standards of tree measurements, direct comparisons between these data and those from 1969 inventory are

not valid. In table 3, changes between the two surveys are summarized in terms of current measurement standards.

DEFINITIONS OF TERMS

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

Commercial forest land.—Forest land producing or capable of producing crops of industrial wood and not withdrawn from timber utilization.

Desirable trees.—Growing-stock trees that are of commercial species, have no defects in quality for timber products, are of relatively high vigor, and contain no pathogens that may result in death or serious deterioration before rotation age.

Forest type.—A classification of forest land

Table 1.—Sampling errors¹ for forest land and timber volume, 1978

County	Commercial	Growing stock	Saw-timber
	forest land		
-----Percent-----			
Ashley	7	7	10
Bradley	1	6	9
Calhoun	2	10	13
Clark	2	7	10
Cleveland	1	6	9
Columbia	1	8	13
Dallas	1	9	12
Drew	2	6	8
Grant	1	10	13
Hempstead	2	10	16
Hot Spring	2	13	19
Howard	2	14	18
Lafayette	3	11	15
Little River	3	14	19
Miller	3	12	20
Nevada	1	7	9
Quachita	2	8	11
Pike	2	11	14
Sevier	3	11	17
Union	1	6	8
All counties	0.4	1.9	2.7

¹By random-sampling formula.

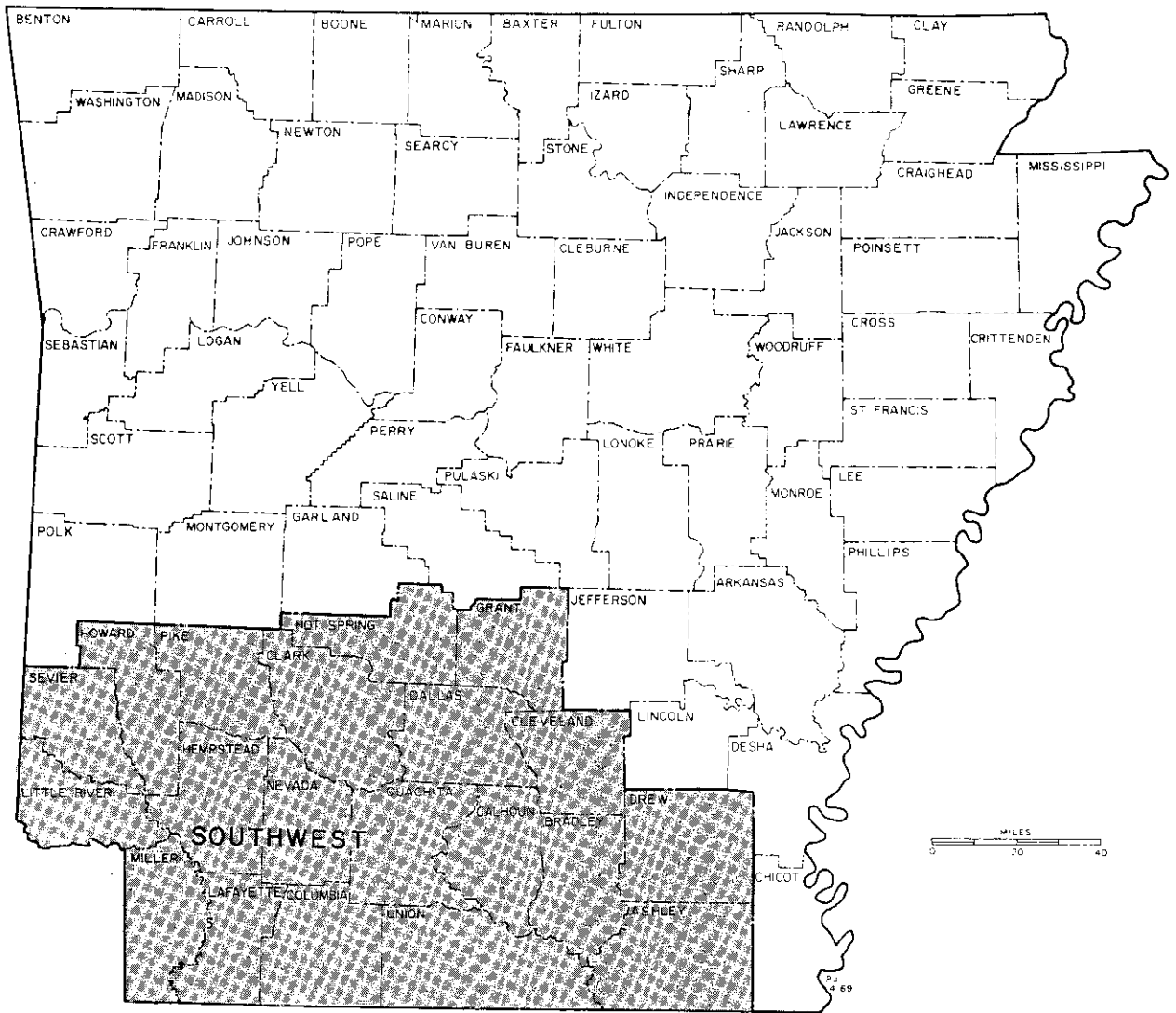


Figure 1.—The Southwest forest survey region of Arkansas.

based upon the species forming a plurality of live-tree stocking.

Growing-stock trees.—Live trees that are of commercial species and qualify as desirable or acceptable trees.

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

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

Physiographic site.—A classification of forest

land according to its suitability for growing certain species groups—pine, upland hardwood, or bottomland hardwood.

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

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

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

Table 2.—Sampling errors for timber volume by species, 1978

Species	Growing	Sawtimber
	stock	Percent
Softwood:		
Shortleaf pine	6	7
Loblolly pine	4	4
Redcedar	30	46
Cypress	34	36
Total	3.1	3.7
Hardwood:		
Select white oaks	7	9
Select red oaks	9	11
Other white oaks	7	9
Other red oaks	5	6
Water hickory	26	32
Other hickories	7	9
Persimmon	32	(1)
Maple	14	25
Beech	22	25
Sweetgum	6	9
Other gums	10	15
White ash	28	28
Other ashes	27	39
Sycamore	29	31
Cottonwood	44	49
Sweetbay	40	(1)
Black cherry	28	46
American elm	20	26
Other elms	11	24
River birch	45	50
Hackberry	27	40
Locusts	46	(1)
Sassafras	35	(1)
Dogwood	24	--
Holly	23	40
Other commercial	28	45
Total	3.2	4.7
All species	1.9	2.7

¹Exceeds 50 percent.

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

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

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

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

Table 3.—Change¹ in forest resource since 1969

Item	Change Percent
Commercial forest land	-4
Growing-stock volume:	
Softwood	+16
Hardwood	- 1
All species	+ 8
Sawtimber volume:	
Softwood	+21
Hardwood	(2)
All species	+13

¹Based on current measurement standards.

²Negligible.

Table 4.--Total area, commercial forest land, and proportion of total area, 1978

County	Total area	Commercial forest	
	Area	Area	Proportion
	- Thousand acres -		- Percent -
Ashley	597.8	369.2	62
Bradley	417.3	366.0	88
Calhoun	404.5	336.3	83
Clark	561.9	400.2	71
Cleveland	384.6	319.0	83
Columbia	491.5	390.0	79
Dallas	430.1	360.4	84
Drew	535.0	364.0	68
Grant	403.8	333.2	83
Hempstead	474.9	268.8	57
Hot Spring	398.7	259.6	65
Howard	384.0	235.2	61
Lafayette	352.6	198.4	56
Little River	359.0	188.8	53
Miller	410.9	168.0	41
Nevada	394.2	306.8	78
Ouachita	473.0	384.4	81
Pike	393.6	296.4	75
Sevier	374.4	249.6	67
Union	674.0	594.0	88
All counties	8,915.8	6,388.3	72

¹United States Bureau of the Census, Land and Water Area of the United States.

Table 5.--Commercial forest land by ownership class, 1978

County	All ownerships	National forest	Other public	Forest industry	Farmer	Misc. private
	- - - - - Thousand acres - - - - -					
Ashley	369.2	...	22.3	239.2	20.7	87.0
Bradley	366.0	...	17.2	204.0	47.8	97.0
Calhoun	336.3	...	...	247.8	17.6	70.9
Clark	400.2	...	.3	145.0	40.4	214.5
Cleveland	319.0	...	...	162.4	5.8	150.8
Columbia	390.0	...	.3	84.5	51.8	253.4
Dallas	360.4	...	(¹)	254.4	47.5	58.5
Drew	364.0	...	10.1	192.4	51.8	109.7
Grant	333.2	...	...	245.0	...	88.2
Hempstead	268.8	...	8.1	72.8	27.9	160.0
Hot Spring	259.6	.4	(¹)	129.8	5.9	123.5
Howard	235.2	1.2	...	158.4	28.7	46.9
Lafayette	198.4	...	.4	62.0	61.7	74.3
Little River	188.8	...	(¹)	94.4	52.9	41.5
Miller	168.0	...	12.4	18.0	89.6	48.0
Nevada	306.8	...	7.3	112.1	47.0	140.4
Ouachita	384.4	...	19.2	124.0	49.4	191.8
Pike	296.4	2.2	...	222.3	39.7	32.2
Sevier	249.6	...	...	124.8	25.9	98.9
Union	594.0	...	25.4	214.5	120.5	233.6
All counties	6,388.3	3.8	123.0	3,107.8	832.6	2,321.1

¹Negligible.

Table 6.--Commercial forest land by forest type, 1978

County	All types	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood
----- Thousand acres -----						
Ashley	369.2	213.2	62.4	41.6	52.0	...
Bradley	366.0	174.0	42.0	72.0	78.0	...
Calhoun	336.3	141.6	64.9	35.4	94.4	...
Clark	400.2	179.8	98.6	52.2	69.6	...
Cleveland	319.0	127.6	58.0	58.0	75.4	...
Columbia	390.0	182.0	65.0	58.5	84.5	...
Dallas	360.4	143.1	84.8	63.6	68.9	...
Drew	364.0	130.0	93.6	67.6	72.8	...
Grant	333.2	98.0	78.4	68.6	88.2	...
Hempstead	268.8	106.4	44.8	72.8	44.8	...
Hot Spring	259.6	47.2	76.7	112.1	23.6	...
Howard	235.2	115.2	67.2	38.4	14.4	...
Lafayette	198.4	105.4	43.4	24.8	24.8	...
Little River	188.8	70.8	47.2	35.4	29.5	5.9
Miller	168.0	48.0	36.0	24.0	48.0	12.0
Nevada	306.8	123.9	59.0	70.8	53.1	...
Ouachita	384.4	117.8	86.8	80.6	99.2	...
Pike	296.4	142.5	91.2	62.7	...	...
Sevier	249.6	78.0	52.0	57.2	52.0	10.4
Union	594.0	236.5	165.0	66.0	126.5	...
All counties	6,388.3	2,581.0	1,417.0	1,162.3	1,199.7	28.3

Table 7.--Commercial forest land by stand-size class, 1978

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
----- Thousand acres -----					
Ashley	369.2	182.0	88.4	98.8	...
Bradley	366.0	240.0	78.0	48.0	...
Calhoun	336.3	153.4	82.6	100.3	...
Clark	400.2	214.6	110.2	69.6	5.8
Cleveland	319.0	191.4	87.0	40.6	...
Columbia	390.0	169.0	130.0	91.0	...
Dallas	360.4	159.0	90.1	106.0	5.3
Drew	364.0	223.6	78.0	57.2	5.2
Grant	333.2	142.1	93.1	98.0	...
Hempstead	268.8	134.4	89.6	44.8	...
Hot Spring	259.6	100.3	82.6	70.8	5.9
Howard	235.2	96.0	48.0	91.2	...
Lafayette	198.4	93.0	55.8	49.6	...
Little River	188.8	82.6	64.9	41.3	...
Miller	168.0	66.0	60.0	42.0	...
Nevada	306.8	200.6	76.7	29.5	...
Ouachita	384.4	229.4	93.0	62.0	...
Pike	296.4	131.1	57.0	102.6	5.7
Sevier	249.6	130.0	78.0	41.6	...
Union	594.0	357.5	132.0	99.0	5.5
All counties	6,388.3	3,296.0	1,675.0	1,383.9	33.4

Table 8.--Commercial forest land by site class, 1978

County	All classes	165 ft ³ or more	120-165 ft ³	85-120 ft ³	50-85 ft ³	Less than 50 ft ³
-----Thousand acres-----						
Ashley	369.2	...	41.6	228.8	93.6	5.2
Bradley	366.0	...	18.0	252.0	96.0	...
Calhoun	336.3	...	64.9	171.1	100.3	...
Clark	400.2	17.4	63.8	191.4	127.6	...
Cleveland	319.0	5.8	40.6	255.2	17.4	...
Columbia	390.0	6.5	78.0	182.0	117.0	6.5
Dallas	360.4	...	63.6	180.2	116.6	...
Drew	364.0	10.4	57.2	270.4	26.0	...
Grant	333.2	19.6	58.8	122.5	117.6	14.7
Hempstead	268.8	5.6	50.4	117.6	95.2	...
Hot Spring	259.6	...	11.8	88.5	82.6	76.7
Howard	235.2	...	14.4	115.2	105.6	...
Lafayette	198.4	...	12.4	80.6	93.0	12.4
Little River	188.8	...	11.8	100.3	70.8	5.9
Miller	168.0	6.0	48.0	54.0	60.0	...
Nevada	306.8	17.7	94.4	141.6	47.2	5.9
Ouachita	384.4	...	130.2	148.8	99.2	6.2
Pike	296.4	...	28.5	96.9	159.6	11.4
Sevier	249.6	5.2	36.4	114.4	93.6	...
Union	594.0	38.5	99.0	308.0	132.0	16.5
All counties	6,388.3	132.7	1,023.8	3,219.5	1,850.9	161.4

Table 9.--Commercial forest land by physiographic site class, 1978

County	All sites	Pine	Upland hardwood	Bottomland hardwood
-----Thousand acres-----				
Ashley	369.2	312.0	...	57.2
Bradley	366.0	288.0	...	78.0
Calhoun	336.3	236.0	...	100.3
Clark	400.2	330.6	...	69.6
Cleveland	319.0	243.6	...	75.4
Columbia	390.0	305.5	...	84.5
Dallas	360.4	286.2	...	74.2
Drew	364.0	275.6	5.2	83.2
Grant	333.2	245.0	...	88.2
Hempstead	268.8	218.4	5.6	44.8
Hot Spring	259.6	236.0	...	23.6
Howard	235.2	220.8	...	14.4
Lafayette	198.4	167.4	...	31.0
Little River	188.8	153.4	...	35.4
Miller	168.0	90.0	...	78.0
Nevada	306.8	224.2	...	82.6
Ouachita	384.4	266.6	...	117.8
Pike	296.4	296.4	...	...
Sevier	249.6	187.2	...	62.4
Union	594.0	451.0	...	143.0
All counties	6,388.3	5,033.9	10.8	1,343.6

Table 10.-- Cordage of growing stock on commercial forest land by species group, 1978

County	All species	Softwood			Hardwood			
		Total	Pine	Other	Total	Oak	Gum	Other
-----Thousand cords-----								
Ashley	6,047	4,204	4,177	27	1,843	1,149	404	290
Bradley	6,455	3,788	3,748	40	2,667	1,533	785	349
Calhoun	4,540	2,743	2,406	337	1,797	978	496	323
Clark	8,520	4,586	4,535	51	3,934	2,386	678	870
Cleveland	7,156	3,496	3,491	5	3,660	1,876	1,309	475
Columbia	6,705	3,971	3,951	20	2,734	1,543	895	296
Dallas	5,402	3,317	3,317	...	2,085	1,160	604	321
Drew	6,707	3,771	3,535	236	2,936	1,621	837	478
Grant	6,611	2,321	2,264	57	4,290	2,337	1,537	416
Hempstead	5,568	3,264	3,257	7	2,304	1,115	588	601
Hot Spring	3,622	1,941	1,941	...	1,681	1,084	387	210
Howard	4,478	2,981	2,966	15	1,497	672	464	361
Lafayette	3,171	2,080	2,072	8	1,091	669	199	223
Little River	3,115	1,937	1,937	...	1,178	794	243	141
Miller	2,043	976	897	79	1,067	575	240	252
Nevada	6,508	3,347	3,340	7	3,161	1,720	1,081	360
Quachita	8,109	3,615	3,598	17	4,494	2,233	1,724	537
Pike	4,858	3,646	3,637	9	1,212	801	206	205
Sevier	4,744	2,499	2,466	33	2,245	1,069	545	631
Union	12,412	7,037	6,962	75	5,375	2,946	1,702	727
All counties	116,771	65,520	64,497	1,023	51,251	28,261	14,924	8,066

Table 11.-- Growing-stock volume on commercial forest land by species group, 1978

County	All species	Softwood			Hardwood			
		Total	Pine	Other	Total	Oak	Gum	Other
-----Million cubic feet-----								
Ashley	438.8	315.3	313.3	2.0	123.5	77.0	27.1	19.4
Bradley	462.8	284.1	281.1	3.0	178.7	102.7	52.6	23.4
Calhoun	326.1	205.7	180.4	25.3	120.4	65.5	33.2	21.7
Clark	607.5	343.9	340.1	3.8	263.6	159.9	45.4	58.3
Cleveland	507.4	262.2	261.8	.4	245.2	125.7	87.7	31.8
Columbia	481.0	297.8	296.3	1.5	183.2	103.4	60.0	19.8
Dallas	388.5	248.8	248.8	...	139.7	77.7	40.5	21.5
Drew	479.5	282.8	265.1	17.7	196.7	108.6	56.1	32.0
Grant	461.5	174.1	169.8	4.3	287.4	156.6	103.0	27.8
Hempstead	399.2	244.8	244.3	.5	154.4	74.7	39.4	40.3
Hot Spring	258.2	145.6	145.6	...	112.6	72.6	25.9	14.1
Howard	323.9	223.6	222.5	1.1	100.3	45.0	31.1	24.2
Lafayette	229.1	156.0	155.4	.6	73.1	44.8	13.3	15.0
Little River	224.2	145.3	145.3	...	78.9	53.2	16.3	9.4
Miller	144.7	73.2	67.3	5.9	71.5	38.5	16.1	16.9
Nevada	462.8	251.0	250.5	.5	211.8	115.3	72.4	24.1
Quachita	572.2	271.1	269.8	1.3	301.1	149.6	115.5	36.0
Pike	354.7	273.5	272.8	.7	81.2	53.7	13.8	13.7
Sevier	337.8	187.4	184.9	2.5	150.4	71.6	36.5	42.3
Union	887.9	527.8	522.2	5.6	360.1	197.4	114.0	48.7
All counties	8,347.8	4,914.0	4,837.3	76.7	3,433.8	1,893.5	999.9	540.4

Table 12.--Sawtimber volume on commercial forest land by species group, 1978

County	All species	Softwood			Hardwood			
		Total	Pine	Other	Total	Oak	Gum	Other
----- Million board feet -----								
Ashley	1,918.2	1,548.5	1,540.2	8.3	369.7	262.0	58.8	48.9
Bradley	1,854.1	1,296.7	1,279.4	17.3	557.4	355.3	140.7	61.4
Calhoun	1,182.8	827.6	695.3	132.3	355.2	193.3	91.6	70.3
Clark	2,179.9	1,517.5	1,498.1	19.4	662.4	426.6	98.7	137.1
Cleveland	2,014.1	1,157.3	1,157.3	...	856.8	479.2	274.3	103.3
Columbia	1,674.5	1,187.3	1,183.7	3.6	487.2	288.3	151.0	47.9
Dallas	1,479.8	1,138.9	1,138.9	...	340.9	195.7	87.2	58.0
Drew	1,939.2	1,312.8	1,237.0	75.8	626.4	384.9	152.1	89.4
Grant	1,791.1	751.8	730.0	21.8	1,039.3	615.2	340.6	83.5
Hempstead	1,322.6	946.8	944.6	2.2	375.8	200.4	97.2	78.2
Hot Spring	859.3	652.9	652.9	...	206.4	166.7	22.6	17.1
Howard	1,381.9	1,148.4	1,147.2	1.2	233.5	134.3	58.4	40.8
Lafayette	780.0	597.3	594.3	3.0	182.7	132.0	28.2	22.5
Little River	755.9	626.1	626.1	...	129.8	103.1	12.9	13.8
Miller	422.7	279.6	257.9	21.7	143.1	70.9	35.8	36.4
Nevada	1,596.8	1,054.5	1,052.4	2.1	542.3	339.7	163.2	39.4
Ouachita	2,104.8	1,241.5	1,234.7	6.8	863.3	395.1	374.2	94.0
Pike	1,389.8	1,217.1	1,215.5	1.6	172.7	127.5	33.7	11.5
Sevier	1,327.8	931.0	925.9	5.1	396.8	191.5	93.4	111.9
Union	3,561.8	2,446.2	2,421.9	24.3	1,115.6	681.5	300.4	133.7
All counties	31,537.1	21,879.8	21,533.3	346.5	9,657.3	5,743.2	2,615.0	1,299.1

Table 13.--Sawtimber volume on commercial forest land by species group and diameter class, 1978

County	All species	Softwood			Hardwood		
		Total	9.0- 14.9 inches	15.0 inches and up	Total	11.0- 14.9 inches	15.0 inches and up
----- Million board feet -----							
Ashley	1,918.2	1,548.5	598.1	950.4	369.7	102.4	267.3
Bradley	1,854.1	1,296.7	560.6	736.1	557.4	236.5	320.9
Calhoun	1,182.8	827.6	407.0	420.6	355.2	143.4	211.8
Clark	2,179.9	1,517.5	866.4	651.1	662.4	309.5	352.9
Cleveland	2,014.1	1,157.3	586.2	571.1	856.8	220.5	636.3
Columbia	1,674.5	1,187.3	615.9	571.4	487.2	199.6	287.6
Dallas	1,479.8	1,138.9	543.0	595.9	340.9	182.4	158.5
Drew	1,939.2	1,312.8	578.7	734.1	626.4	280.5	345.9
Grant	1,791.1	751.8	422.0	329.8	1,039.3	407.7	631.6
Hempstead	1,322.6	946.8	595.1	351.7	375.8	185.9	189.9
Hot Spring	859.3	652.9	511.4	141.5	206.4	148.7	57.7
Howard	1,381.9	1,148.4	603.2	545.2	233.5	128.7	104.8
Lafayette	780.0	597.3	336.0	261.3	182.7	76.2	106.5
Little River	755.9	626.1	308.6	317.5	129.8	76.3	53.5
Miller	422.7	279.6	176.5	103.1	143.1	69.9	73.2
Nevada	1,596.8	1,054.5	666.9	387.6	542.3	244.7	297.6
Ouachita	2,104.8	1,241.5	576.3	665.2	863.3	377.9	485.4
Pike	1,389.8	1,217.1	799.5	417.6	172.7	117.8	54.9
Sevier	1,327.8	931.0	450.3	480.7	396.8	169.0	227.8
Union	3,561.8	2,446.2	1,385.9	1,060.3	1,115.6	452.4	663.2
All counties	31,537.1	21,879.8	11,587.6	10,292.2	9,657.3	4,130.0	5,527.3

Table 14. --Growing-stock volume of softwoods on commercial forest land
by forest type, 1978

County	All species	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood
----- Million cubic feet -----						
Ashley	315.3	261.1	41.0	7.6	5.6	...
Bradley	284.1	215.7	31.7	18.9	17.8	...
Calhoun	205.7	126.5	36.7	8.5	34.0	...
Clark	343.9	236.3	86.1	15.9	5.6	...
Cleveland	262.2	179.8	58.8	20.2	3.4	...
Columbia	297.8	237.6	42.8	10.9	6.5	...
Dallas	248.8	166.0	56.6	15.3	10.9	...
Drew	282.8	177.5	63.1	19.3	22.9	...
Grant	174.1	108.4	43.4	13.8	8.5	...
Hempstead	244.8	200.3	32.2	11.8	.5	...
Hot Spring	145.6	76.6	49.8	15.3	3.9	...
Howard	223.6	167.1	41.1	15.1	.3	...
Lafayette	156.0	122.0	30.8	2.6	.6	...
Little River	145.3	93.9	46.8	3.3	1.3	...
Miller	73.2	42.6	18.8	4.1	4.3	3.4
Nevada	251.0	171.5	50.7	17.3	11.5	...
Quachita	271.1	150.3	86.2	17.8	16.8	...
Pike	273.5	183.6	74.7	15.2	...	...
Sevier	187.4	146.6	30.3	6.6	3.9	...
Union	527.8	380.1	114.4	15.7	17.6	...
All counties	4,914.0	3,443.5	1,036.0	255.2	175.9	3.4

Table 15.--Growing-stock volume of hardwoods on commercial forest land
by forest type, 1978

County	All species	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood
----- Million cubic feet -----						
Ashley	123.5	22.7	30.2	31.8	38.8	...
Bradley	178.7	8.8	23.0	50.7	96.2	...
Calhoun	120.4	12.4	19.1	21.9	67.0	...
Clark	263.6	36.5	57.7	63.7	105.7	...
Cleveland	245.2	25.9	32.1	69.0	118.2	...
Columbia	183.2	28.8	26.2	35.2	93.0	...
Dallas	139.7	21.9	29.4	31.6	56.8	...
Drew	196.7	15.5	41.5	73.2	66.5	...
Grant	287.4	23.0	26.5	65.8	172.1	...
Hempstead	154.4	23.4	14.0	69.1	47.9	...
Hot Spring	112.6	13.6	21.4	57.0	20.6	...
Howard	100.3	24.9	25.2	36.1	14.1	...
Lafayette	73.1	19.2	29.9	6.0	18.0	...
Little River	78.9	12.8	26.8	19.4	19.7	0.2
Miller	71.5	10.4	14.5	13.4	28.3	4.9
Nevada	211.8	22.5	49.9	60.0	79.4	...
Quachita	301.1	30.6	40.3	68.4	161.8	...
Pike	81.2	20.0	45.1	16.1	...	...
Sevier	150.4	18.0	20.4	45.8	54.3	11.9
Union	360.1	57.1	91.0	52.4	159.6	...
All counties	3,433.8	448.0	664.2	886.6	1,418.0	17.0

Table 16.-- *Sawtimber volume of softwoods on commercial forest land by forest type, 1978*

County	All species	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood
----- Million board feet -----						
Ashley	1,548.5	1,303.3	171.4	39.9	33.9	...
Bradley	1,296.7	928.7	149.7	104.8	113.5	...
Calhoun	827.6	418.6	188.3	44.1	176.6	...
Clark	1,517.5	1,027.2	377.1	85.3	27.9	...
Cleveland	1,157.3	742.4	306.6	91.4	16.9	...
Columbia	1,187.3	966.9	156.9	33.6	29.9	...
Dallas	1,138.9	735.7	259.0	82.9	61.3	...
Drew	1,312.8	779.5	312.6	110.1	110.6	...
Grant	751.8	476.2	190.9	37.5	47.2	...
Hempstead	946.8	778.4	107.7	58.5	2.2	...
Hot Spring	652.9	333.2	239.1	57.6	23.0	...
Howard	1,148.4	863.0	201.7	82.0	1.7	...
Lafayette	597.3	434.6	150.0	9.7	3.0	...
Little River	626.1	385.3	227.4	6.6	6.8	...
Miller	279.6	189.3	49.0	11.7	17.8	11.8
Nevada	1,054.5	697.3	195.3	91.2	70.7	...
Ouachita	1,241.5	617.6	448.1	74.8	101.0	...
Pike	1,217.1	797.6	344.6	74.9	...	...
Sevier	931.0	747.0	136.9	25.2	21.9	...
Union	2,446.2	1,707.0	561.7	86.0	91.5	...
All counties	21,879.8	14,928.8	4,774.0	1,207.8	957.4	11.8

Table 17.-- *Sawtimber volume of hardwoods on commercial forest land by forest type, 1978*

County	All species	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood
----- Million board feet -----						
Ashley	369.7	48.6	100.0	72.0	149.1	...
Bradley	557.4	19.9	59.0	126.9	351.6	...
Calhoun	355.2	19.1	57.4	59.5	219.2	...
Clark	662.4	54.4	99.0	166.0	343.0	...
Cleveland	856.8	42.6	96.8	210.7	506.7	...
Columbia	487.2	51.1	65.7	75.0	295.4	...
Dallas	340.9	40.7	51.2	73.0	176.0	...
Drew	626.4	20.0	106.9	258.3	241.2	...
Grant	1,039.3	46.7	57.6	201.4	733.6	...
Hempstead	375.8	54.5	33.6	170.9	116.8	...
Hot Spring	206.4	31.9	35.7	115.6	23.2	...
Howard	233.5	56.5	62.5	97.3	17.2	...
Lafayette	182.7	28.5	98.8	9.0	46.4	...
Little River	129.8	17.1	49.0	24.4	39.3	...
Miller	143.1	21.6	22.1	23.4	57.4	18.6
Nevada	542.3	51.2	79.1	129.7	282.3	...
Ouachita	863.3	47.0	67.0	135.6	613.7	...
Pike	172.7	31.3	112.6	28.8	...	...
Sevier	396.8	22.1	48.8	107.6	189.6	28.7
Union	1,115.6	141.7	213.4	176.0	584.5	...
All counties	9,657.3	846.5	1,516.2	2,261.1	4,986.2	47.3

Table 18.--Growing-stock volume of softwoods on commercial forest land by stand-size class, 1978

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
----- Million cubic feet -----					
Ashley	315.3	237.5	50.8	27.0	...
Bradley	284.1	228.0	39.3	16.8	...
Calhoun	205.7	125.6	62.4	17.7	...
Clark	343.9	227.8	102.5	13.6	...
Cleveland	262.2	193.2	50.8	18.2	...
Columbia	297.8	192.9	75.9	29.0	...
Dallas	248.8	179.4	42.6	26.1	0.7
Drew	282.8	220.7	41.9	20.2	...
Grant	174.1	126.8	37.8	9.5	...
Hempstead	244.8	195.5	40.2	9.1	...
Hot Spring	145.6	103.8	35.4	6.4	...
Howard	223.6	191.4	22.5	9.7	...
Lafayette	156.0	105.6	42.8	7.6	...
Little River	145.3	109.4	32.2	3.7	...
Miller	73.2	54.6	14.9	3.7	...
Nevada	251.0	208.8	35.8	6.4	...
Ouachita	271.1	209.0	46.2	15.9	...
Pike	273.5	192.1	49.4	32.0	...
Sevier	187.4	157.7	18.7	11.0	...
Union	527.8	429.1	79.6	18.6	.5
All counties	4,914.0	3,688.9	921.7	302.2	1.2

Table 19.--Growing-stock volume of hardwoods on commercial forest land by stand-size class, 1978

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
----- Million cubic feet -----					
Ashley	123.5	69.9	41.9	11.7	...
Bradley	178.7	140.6	33.1	5.0	...
Calhoun	120.4	88.5	25.3	6.6	...
Clark	263.6	196.3	62.8	4.2	0.3
Cleveland	245.2	177.9	59.4	7.9	...
Columbia	183.2	92.7	79.8	10.7	...
Dallas	139.7	82.4	45.5	11.5	.3
Drew	196.7	150.6	39.7	5.5	.9
Grant	287.4	201.7	76.3	9.4	...
Hempstead	154.4	80.9	68.9	4.6	...
Hot Spring	112.6	53.9	56.2	2.5	...
Howard	100.3	59.8	34.6	5.9	...
Lafayette	73.1	41.2	22.0	9.9	...
Little River	78.9	47.1	30.1	1.7	...
Miller	71.5	33.4	33.5	4.6	...
Nevada	211.8	140.2	61.0	10.6	...
Ouachita	301.1	219.6	66.3	15.2	...
Pike	81.2	54.6	19.5	7.1	...
Sevier	150.4	87.7	55.3	7.4	...
Union	360.1	274.9	69.2	15.5	.5
All counties	3,433.8	2,293.9	980.4	157.5	2.0

Table 20.--Sawtimber volume of softwoods on commercial forest land
by stand-size class, 1978

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
----- Million board feet -----					
Ashley	1,548.5	1,260.0	171.6	116.9	...
Bradley	1,296.7	1,119.1	107.3	70.3	...
Calhoun	827.6	615.4	155.0	57.2	...
Clark	1,517.5	1,137.1	344.2	36.2	...
Cleveland	1,157.3	928.4	150.0	78.9	...
Columbia	1,187.3	924.3	190.4	72.6	...
Dallas	1,138.9	869.9	138.8	125.9	4.3
Drew	1,312.8	1,077.9	129.8	105.1	...
Grant	751.8	637.4	84.5	29.9	...
Hempstead	946.8	829.7	96.6	20.5	...
Hot Spring	652.9	518.7	109.1	25.1	...
Howard	1,148.4	1,050.0	63.2	35.2	...
Lafayette	597.3	412.9	145.6	38.8	...
Little River	626.1	503.6	112.5	10.0	...
Miller	279.6	240.9	34.4	4.3	...
Nevada	1,054.5	946.2	83.8	24.5	...
Ouachita	1,241.5	1,042.4	151.3	47.8	...
Pike	1,217.1	934.4	148.9	133.8	...
Sevier	931.0	832.4	69.4	29.2	...
Union	2,446.2	2,170.4	195.9	77.3	2.6
All counties	21,879.8	18,051.1	2,682.3	1,139.5	6.9

Table 21.--Sawtimber volume of hardwoods on commercial forest land
by stand-size class, 1978

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
----- Million board feet -----					
Ashley	369.7	262.8	73.2	33.7	...
Bradley	557.4	491.2	49.3	16.9	...
Calhoun	355.2	313.1	38.4	3.7	...
Clark	662.4	578.3	82.8	1.3	...
Cleveland	856.8	724.7	103.2	28.9	...
Columbia	487.2	335.7	139.7	11.8	...
Dallas	340.9	239.9	83.6	17.4	...
Drew	626.4	539.8	76.1	5.0	5.5
Grant	1,039.3	837.4	186.9	15.0	...
Hempstead	375.8	263.3	109.4	3.1	...
Hot Spring	206.4	141.5	58.4	6.5	...
Howard	233.5	178.8	47.9	6.8	...
Lafayette	182.7	145.2	29.1	8.4	...
Little River	129.8	114.4	15.4	...	...
Miller	143.1	101.8	32.4	8.9	...
Nevada	542.3	429.7	90.6	22.0	...
Ouachita	863.3	746.4	94.3	22.6	...
Pike	172.7	149.6	19.2	3.9	...
Sevier	396.8	303.4	72.1	21.3	...
Union	1,115.6	950.5	119.0	46.1	...
All counties	9,657.3	7,847.5	1,521.0	283.3	5.5

