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Southern Pulpwood Production, 1978

DANIEL F. BERTELSON

NEW
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Southern
Forest
Experiment
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Southern Pulpwood Production, 1978

DANIEL F. BERTELSON

SOUTHERN FOREST EXPERIMENT STATION

New Orleans, Louisiana

and

SOUTHEASTERN FOREST EXPERIMENT STATION

Asheville, North Carolina

of the

Forest Service, U.S. Department of Agriculture

in cooperation with the

AMERICAN PULPWOOD ASSOCIATION

1979



Southern Counties

Southern Pulpwood Production, 1978

DANIEL F. BERTELSON

Total southern pulpwood production in 1978 amounted to a record-setting 50.6 million cords (table 1). This is an increase of 1.8 million cords, or 4 percent more than the previous year. It also is 1.5 million cords over the 1974 record output. Hardwood roundwood accounted for 72 percent of the increase and softwood roundwood added another 25 percent to the total gain.

Table 1.--Pulpwood production in the South during 1978, and change from 1977

State	Pulpwood	Change
Alabama	7,353.8	+ 4
Arkansas	3,948.0	+ 13
Florida	3,670.8	+ 1
Georgia	8,908.3	+ 6
Louisiana	4,306.2	- 1
Mississippi	5,529.9	+ 6
North Carolina	4,639.2	+ 1
Oklahoma	613.7	- 11
South Carolina	4,307.0	- 3
Tennessee	687.9	+ 3
Texas	4,032.6	+ 8
Virginia	2,629.3	-(¹)
All States	50,626.7	+ 4

¹ Less than 0.5 percent decrease

Pulpwood production increased in 8 of the 12 Southern States. Georgia had the largest gain—543,000 cords, while Arkansas output rose more than 449,000 cords. South Carolina's output decreased by 115,000 cords. Arkansas, Florida, Georgia, North Carolina, and Texas all set new highs for total pulpwood production. The top three pulpwood-producing states in the South have remained the same for the past 11 years: Georgia is first, followed by Alabama and Mississippi.

Roundwood production of almost 34 million cords was a 5 percent increase over 1977 (tables 2 and 3). Ten of the Southern States showed a gain. Arkansas, Oklahoma, and Texas set new State records for round pulpwood production. Louisiana had the largest softwood gain with an increase of

339,000 cords, while Alabama rose 321,000 cords for the largest hardwood increase. Alabama also had the largest loss in softwood output, while all States recorded increases in hardwood volumes.

Softwood roundwood production increased 2 percent, while hardwood production rose 15 percent or 1.3 million cords. Softwoods now account for about 71 percent of the roundwood harvest, down 3 percent from previous years. Of the hardwood production, 45 percent was oak, 21 percent gums, and 34 percent other species.

In 1978, five counties in the South produced more than 200,000 cords of round pulpwood. Ashley County, Ark. led with 240,955 cords, followed by Craven County, N.C., with 229,496 cords. The number of counties or parishes with roundwood production of more than 100,000 cords rose from 67 in 1977 to 82 in 1978 (tables 7-18). Alabama led the South with 17 counties, followed by Louisiana and Texas with 13 apiece. Production of softwood roundwood exceeded 100,000 cords in 38 counties, while the hardwood harvest surpassed 100,000 cords in three counties.

The 16.9 million cords of wood residues used for pulp was a record high, but the increase was less than 1 percent above the previous year (table 4). The use of residues accounted for 33 percent of the total pulpwood production. Softwood residue use was down 1 percent, while hardwoods increased by 7 percent. Softwood residue production decreased in eight of the Southern States, while hardwood production increased in seven States. New highs for total residue production were reached in Alabama, Arkansas, Georgia, and Mississippi.

Southern pulping capacity in 1978 rose more than 2 percent to 103,130 tons per day (table 19). The number of mills in the South remained the same at 113, as one new mill in Alabama came on stream and one mill, also in Alabama, ceased operation. In addition, 12 mills outside the South used southern pulpwood, primarily plant byproducts (table 20). Two mills, one in Georgia and one in Virginia, were under construction at the end of the year (table 21).

Table 2.--Roundwood production in the South, by State and species group, 1978

State	All species	Softwood	Hardwoods			
			Total	Gums	Oaks	Other hardwoods
----- Thousand cords -----						
Alabama	4,797.6	3,075.9	1,721.7	260.3	641.6	819.8
Arkansas	2,332.4	1,447.3	885.1	36.4	666.3	182.4
Florida	2,925.1	2,595.2	329.9	116.9	169.0	44.0
Georgia	6,057.8	5,303.5	754.3	267.9	350.2	136.2
Louisiana	3,181.8	2,366.3	815.5	69.5	315.5	430.5
Mississippi	3,620.2	2,198.2	1,422.0	157.4	592.5	672.1
North Carolina	2,925.7	1,674.4	1,251.3	559.2	452.6	239.5
Oklahoma	348.8	243.4	105.4	7.6	63.9	33.9
South Carolina	2,680.5	1,934.4	746.1	315.0	302.7	128.4
Tennessee	466.4	203.9	262.5	16.1	134.9	111.5
Texas	2,661.2	2,179.4	481.8	86.3	223.8	171.7
Virginia	1,768.5	889.6	878.9	91.9	425.0	362.0
All States	33,766.0	24,111.5	9,654.5	1,984.5	4,338.0	3,332.0

Table 3.--Roundwood production in the South, by State and species group, 1978 and 1977

State	Change	1978			1977		
	from	All	Softwood	Hardwood	All	Softwood	Hardwood
	1977	species			species		
	Percent	Thousand cords					
Alabama	+(¹)	4,797.6	3,075.9	1,721.7	4,793.7	3,393.0	1,400.7
Arkansas	+ 5	2,332.4	1,447.3	885.1	2,220.2	1,454.6	765.6
Florida	+ 4	2,925.1	2,595.2	329.9	2,799.4	2,513.7	285.7
Georgia	+ 4	6,057.8	5,303.5	754.3	5,830.3	5,133.2	697.1
Louisiana	+ 17	3,181.8	2,366.3	815.5	2,730.1	2,027.0	703.1
Mississippi	+ 6	3,620.2	2,198.2	1,422.0	3,411.4	2,276.7	1,134.7
North Carolina	+ 6	2,925.7	1,674.4	1,251.3	2,757.8	1,680.7	1,077.1
Oklahoma	+ 6	348.8	243.4	105.4	329.6	231.6	98.0
South Carolina	-(²)	2,680.5	1,934.4	746.1	2,683.2	1,963.0	720.2
Tennessee	- 1	466.4	203.9	262.5	470.9	213.9	257.0
Texas	+ 14	2,661.2	2,179.4	481.8	2,340.3	1,944.3	396.0
Virginia	+ 5	1,768.5	889.6	878.9	1,680.2	825.6	854.6
All States	+ 5	33,766.0	24,111.5	9,654.5	32,047.1	23,657.3	8,389.8

¹ Less than 0.5 percent increase² Less than 0.5 percent decrease

Table 4.--Southern output of wood residues for pulp manufacture, by State and species group, 1978 and 1977

State	Change from 1977	1978			1977		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<u>Percent</u>	<u>Thousand cords</u>					
Alabama	+ 12	2,556.2	2,218.4	337.8	2,278.4	1,916.2	362.2
Arkansas	+ 26	1,615.6	1,373.3	242.3	1,278.4	1,118.4	160.0
Florida	- 10	745.7	653.2	92.5	830.9	724.0	106.9
Georgia	+ 12	2,850.5	2,494.0	356.5	2,535.2	2,244.4	290.8
Louisiana	- 30	1,124.4	924.0	200.4	1,610.2	1,368.3	241.9
Mississippi	+ 6	1,909.7	1,518.3	391.4	1,800.5	1,429.9	370.6
North Carolina	- 6	1,713.5	1,374.6	338.9	1,818.3	1,491.8	326.5
Oklahoma	- 27	264.9	245.0	19.9	362.5	362.5	...
South Carolina	- 6	1,626.5	1,352.2	274.3	1,738.4	1,499.1	239.3
Tennessee	+ 11	221.5	40.2	181.3	199.7	17.9	181.8
Texas	- 2	1,371.4	1,211.9	159.5	1,401.6	1,240.8	160.8
Virginia	- 10	860.8	440.6	420.2	957.6	588.1	369.5
All States	+(¹)	16,860.7	13,845.7	3,015.0	16,811.7	14,001.4	2,810.3

¹ Less than 0.5 percent increase

Table 5.--Southern output of wood residues for pulp manufacture by State and type of residue, 1978

State	All types	Chips			Other residues ^{1/}		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
		<u>Thousand cords</u>					
Alabama	2,556.2	2,335.6	2,011.7	323.9	220.6	206.7	13.9
Arkansas	1,615.6	1,546.1	1,316.2	229.9	69.5	57.1	12.4
Florida	745.7	711.6	619.1	92.5	34.1	34.1	...
Georgia	2,850.5	2,795.0	2,438.5	356.5	55.5	55.5	...
Louisiana	1,124.4	1,068.9	906.9	162.0	55.5	17.1	38.4
Mississippi	1,909.7	1,749.8	1,400.7	349.1	159.9	117.6	42.3
North Carolina	1,713.5	1,619.3	1,300.4	318.9	94.2	74.2	20.0
Oklahoma	264.9	264.9	245.0	19.9	...	...	...
South Carolina	1,626.5	1,534.7	1,260.4	274.3	91.8	91.8	...
Tennessee	221.5	221.5	40.2	181.3	...	...	...
Texas	1,371.4	1,279.0	1,135.8	143.2	92.4	76.1	16.3
Virginia	860.8	745.4	411.3	334.1	115.4	29.3	86.1
All States	16,860.7	15,871.8	13,086.2	2,785.6	988.9	759.5	229.4

^{1/}Veneer cores, pole and piling trim, cull crossties, sawdust and secondary residues.

Table 6.--Southern pulpwood production by Experiment Station territory, 1978

Station and source of wood	All species	Softwood	Hardwood
----- Standard cords -----			
Southeastern: ^{1/}			
Roundwood	16,357,490	12,396,945	3,960,545
Residues	7,796,968	6,314,680	1,482,288
Total	24,154,458	18,711,625	5,442,833
Southern: ^{2/}			
Roundwood	17,408,505	11,714,588	5,693,917
Residues	9,063,719	7,531,081	1,532,638
Total	26,472,224	19,245,669	7,226,555
Both Stations:			
Roundwood	33,765,995	24,111,533	9,654,462
Residues	16,860,687	13,845,761	3,014,926
Total	50,626,682	37,957,294	12,669,388

^{1/} States of Florida, Georgia, North Carolina, South Carolina, and Virginia.

^{2/} States of Alabama, Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, and Texas.

Table 7.--Round pulpwood production in Alabama, 1978

County	All species	Softwood	Hardwood	County	All species	Softwood	Hardwood
- - - - Standard cords - - - -				- - - - Standard cords - - - -			
Autauga	61,715	33,393	28,322	Jackson	32,164	5,481	26,683
Baldwin	158,147	123,662	34,485	Jefferson	36,523	33,481	3,042
Barbour	102,439	79,813	22,626	Lamar	39,483	29,281	10,202
Bibb	71,475	47,320	24,155	Lauderdale	9,652	3,942	5,710
Blount	30,995	23,442	7,553	Lawrence	9,501	4,676	4,825
Bullock	62,067	35,502	26,565	Lee	75,841	67,345	8,496
Butler	221,893	115,834	106,059	Limestone	4,054	1,100	2,954
Calhoun	41,414	39,088	2,326	Lowndes	69,882	35,501	34,381
Chambers	108,185	76,223	31,962	Macon	61,716	44,028	17,688
Cherokee	42,717	39,832	2,885	Madison	1,984	879	1,105
Chilton	70,592	40,728	29,864	Marengo	119,053	47,558	71,495
Choctaw	219,612	102,323	117,289	Marion	72,998	47,134	25,864
Clarke	191,101	97,162	93,939	Marshall	21,511	8,698	12,813
Clay	73,049	65,294	7,755	Mobile	48,823	39,511	9,312
Cleburne	69,497	59,439	10,058	Monroe	131,106	57,782	73,324
Coffee	66,504	41,220	25,284	Montgomery	72,999	43,275	29,724
Colbert	19,051	5,064	13,987	Morgan	2,227	531	1,696
Conecuh	87,930	39,394	48,536	Perry	58,971	38,673	20,298
Coosa	110,133	75,139	34,994	Pickens	56,778	34,020	22,758
Covington	76,127	54,774	21,353	Pike	124,156	76,987	47,169
Crenshaw	106,931	50,560	56,371	Randolph	76,931	64,890	12,041
Cullman	35,577	27,213	8,364	Russell	68,589	55,462	13,127
Dale	70,874	39,785	31,089	St. Clair	73,697	62,932	10,765
Dallas	105,278	47,187	58,091	Shelby	61,576	53,470	8,106
De Kalb	31,050	18,559	12,491	Sumter	54,901	28,727	26,174
Elmore	17,446	7,796	9,650	Talledega	94,612	79,167	15,445
Escambia	148,775	95,559	53,216	Tallapoosa	117,737	93,861	23,876
Etowah	20,519	19,528	991	Tuscaloosa	26,201	17,979	8,222
Fayette	57,176	50,439	6,737	Walker	118,435	98,256	20,179
Franklin	37,245	21,989	15,256	Washington	108,645	59,756	48,889
Geneva	28,525	16,777	11,748	Wilcox	151,470	66,339	85,131
Greene	36,553	23,369	13,184	Winston	83,803	66,237	17,566
Hale	34,328	19,832	14,496				
Henry	57,209	41,813	15,396				
Houston	39,477	33,874	5,603	All counties	4,797,625	3,075,885	1,721,740

Table 8.--Round pulpwood production in Arkansas, 1978

County ^{1/}	All species	Softwood	Hardwood	County ^{1/}	All species	Softwood	Hardwood
- - - - - Standard cords - - - - -				- - - - - Standard cords - - - - -			
Arkansas	10	10	0	Lincoln	64,676	24,663	40,013
Ashley	240,955	120,389	120,566	Little River	67,210	35,236	31,974
Bradley	98,030	31,397	66,633	Logan	16,753	12,773	3,980
Calhoun	61,658	53,885	7,773	Lonoke	5,175	9	5,166
Chicot	11,665	0	11,665	Miller	34,743	15,028	19,715
Clark	68,071	42,826	25,245	Montgomery	13,997	11,944	2,053
Cleburne	13,954	11,696	2,258	Nevada	102,478	86,161	16,317
Cleveland	71,871	34,347	37,524	Newton	38	38	0
Columbia	127,225	107,776	19,449	Ouachita	78,892	53,165	25,727
Conway	20,281	15,844	4,437	Perry	552	550	2
Crittenden	6,256	0	6,256	Phillips	730	0	730
Dallas	61,984	40,319	21,665	Pike	149,930	123,451	26,479
Desha	12,436	17	12,419	Polk	45,494	24,908	20,586
Drew	116,312	49,556	66,756	Pope	20,646	10,247	10,399
Faulkner	6	1	5	Prairie	78	34	44
Franklin	15	13	2	Pulaski	52,797	25,663	27,134
Garland	24,498	19,813	4,685	St. Francis	6	3	3
Grant	85,919	33,018	52,901	Saline	51,579	33,281	18,298
Hempstead	48,624	31,506	17,118	Scott	18,373	15,244	3,129
Hot Spring	49,158	34,589	14,569	Sevier	65,971	42,212	23,759
Howard	166,616	124,178	42,438	Union	93,918	68,566	25,352
Independence	8,783	6,440	2,343	Van Buren	9,761	8,105	1,656
Izard	1,564	1,451	113	White	9,307	4,381	4,926
Jackson	121	82	39	Woodruff	199	0	199
Jefferson	28,313	21,083	7,230	Yell	25,132	16,350	8,782
Johnson	13,458	8,059	5,399				
Lafayette	66,202	47,060	19,142	All counties	2,332,426	1,447,372	885,054
Lawrence	1	0	1				
Lee	5	5	0				

^{1/}Counties with no pulpwood production are omitted.

Table 9.--Round pulpwood production in Florida, 1978

County ^{1/}	All species	Softwood	Hardwood	County ^{1/}	All species	Softwood	Hardwood
- - - - Standard cords - - - -				- - - - Standard cords - - - -			
Alachua	68,992	62,356	6,636	Leon	26,126	21,457	4,669
Baker	125,534	121,411	4,123	Levy	162,795	93,283	69,512
Bay	33,945	33,646	299	Liberty	50,935	44,681	6,254
Bradford	93,050	90,139	2,911	Madison	100,766	72,265	28,501
Brevard	1,634	1,634	0	Manatee	6,436	6,436	0
Calhoun	94,906	90,894	4,012	Marion	112,586	95,847	16,739
Charlotte	623	623	0	Martin	128	128	0
Citrus	298	298	0	Nassau	173,786	161,517	12,269
Clay	51,314	48,221	3,093	Okaloosa	30,337	27,711	2,626
Collier	3,509	3,509	0	Okeechobee	32	32	0
Columbia	148,492	144,882	3,610	Orange	7,321	7,169	152
De Soto	1,470	1,470	0	Osceola	10,086	10,086	0
Dixie	84,998	62,714	22,284	Pasco	2,652	2,549	103
Duval	60,447	59,037	1,410	Polk	16,064	16,064	0
Escambia	57,086	54,679	2,407	Putnam	63,266	51,999	11,267
Flagler	74,128	64,628	9,500	St. Johns	129,661	107,649	22,012
Franklin	32,261	32,261	0	Santa Rosa	66,715	65,036	1,679
Gadsden	33,932	26,960	6,972	Sarasota	1,592	1,592	0
Gilchrist	59,993	56,276	3,717	Sumter	429	204	225
Glades	1,585	1,560	25	Suwannee	126,225	116,824	9,401
Gulf	38,825	38,566	259	Taylor	134,124	126,529	7,595
Hamilton	71,054	64,569	6,485	Union	34,406	31,007	3,399
Hardee	5,807	5,807	0	Volusia	43,008	42,508	500
Hendry	12,748	12,748	0	Wakulla	49,451	49,429	22
Hernando	2,975	2,675	300	Walton	72,854	60,919	11,935
Highlands	2,791	2,791	0	Washington	37,572	31,151	6,421
Hillsborough	354	354	0	All counties	2,925,063	2,595,172	329,891
Holmes	29,086	24,141	4,945				
Jackson	127,036	110,955	16,081				
Jefferson	67,743	62,202	5,541				
Lafayette	73,675	63,675	10,000				
Lake	1,054	1,054	0				
Lee	4,365	4,365	0				

^{1/}Counties with no pulpwood production are omitted.

Table 10.--Round pulpwood production in Georgia, 1978

County	All species	Softwood	Hardwood	County	All species	Softwood	Hardwood
Standard cords				Standard cords			
Appling	102,166	94,203	7,963	Fannin	18,651	10,276	8,375
Atkinson	80,053	79,362	691	Fayette	10,253	9,009	1,244
Bacon	76,408	76,254	154	Floyd	63,212	57,120	6,092
Baker	19,632	19,315	317	Forsyth	5,408	4,983	425
Baldwin	38,293	31,306	6,987	Franklin	30,379	19,689	10,690
Banks	7,794	7,764	30	Fulton	13,609	12,111	1,498
Barrow	20,127	19,062	1,065	Gilmer	8,589	7,042	1,547
Bartow	35,464	33,587	1,877	Glascock	5,199	2,651	2,548
Ben Hill	76,183	71,007	5,176	Glynn	69,575	48,848	20,727
Berrien	50,728	50,514	214	Gordon	47,956	45,075	2,881
Bibb	11,746	8,966	2,780	Grady	23,975	22,823	1,152
Bleckley	19,140	17,040	2,100	Greene	45,433	36,369	9,064
Brantley	82,396	78,500	3,896	Gwinnett	25,406	23,029	2,377
Brooks	30,433	29,688	745	Habersham	8,056	5,634	2,422
Bryan	48,419	45,056	3,363	Hall	13,731	13,468	263
Bulloch	22,964	20,470	2,494	Hancock	43,179	36,934	6,245
Burke	121,300	102,224	19,076	Haralson	35,538	32,099	3,439
Butts	33,588	31,298	2,290	Harris	44,606	42,205	2,401
Calhoun	36,426	30,884	5,542	Hart	2,809	2,792	17
Camden	79,469	66,052	13,417	Heard	22,473	21,078	1,395
Candler	15,053	10,866	4,187	Henry	30,153	25,926	4,227
Candler	55,764	49,716	6,048	Houston	40,046	34,910	5,136
Catoosa	1,032	887	145	Irwin	1,305	1,305	0
Charlton	54,045	43,297	10,748	Jackson	31,190	29,275	1,915
Chatham	10,260	8,689	1,571	Jasper	40,524	39,541	983
Chattahoochee	22,909	19,224	3,685	Jeff Davis	42,098	33,215	8,883
Chattooga	37,000	32,000	5,000	Jefferson	38,802	34,701	4,101
Cherokee	44,876	39,739	5,137	Jenkins	56,513	53,434	3,079
Clarke	3,723	3,723	0	Johnson	45,064	42,662	2,402
Clay	35,571	25,448	10,123	Jones	41,865	38,938	2,927
Clayton	185	185	0	Lamar	17,713	16,718	995
Clinch	110,233	109,293	940	Lanier	6,268	6,268	0
Cobb	14,505	13,746	759	Laurens	126,727	94,048	32,679
Coffee	115,383	107,478	7,905	Lee	23,073	20,960	2,113
Colquitt	29,623	27,320	2,303	Liberty	70,723	57,235	13,488
Columbia	28,297	24,361	3,936	Lincoln	72,871	37,970	34,901
Cook	5,262	5,242	20	Long	70,858	57,529	13,329
Coweta	67,290	63,233	4,057	Lowndes	35,811	35,140	671
Crawford	115,320	89,871	25,449	Lumpkin	9,991	9,013	978
Crisp	53,657	51,576	2,081	McDuffie	10,150	8,298	1,852
Dade	951	902	49	McIntosh	49,968	47,310	2,658
Dawson	5,808	5,258	550	Macon	34,381	25,212	9,169
Decatur	87,901	71,908	15,993	Madison	24,443	20,582	3,861
De Kalb	2,413	2,235	178	Marion	41,008	36,383	4,625
Dodge	105,269	91,719	13,550	Meriwether	76,388	67,835	8,553
Dooly	28,884	28,164	720	Miller	10,220	8,623	1,597
Dougherty	26,519	24,602	1,917	Mitchell	39,249	37,698	1,551
Douglas	10,649	9,777	872	Monroe	37,976	36,064	1,912
Early	49,545	43,451	6,094	Montgomery	28,876	28,630	246
Echols	45,241	43,923	1,318	Morgan	24,611	22,929	1,682
Effingham	42,297	37,817	4,480	Murray	24,876	22,622	2,254
Elbert	39,392	30,679	8,713	Muscogee	2,535	2,035	500
Emanuel	37,823	36,272	1,551				
Evans	12,876	11,896	980				

Table 10.--Round pulpwood production in Georgia, 1978--(continued)

County	: : All : species	: : Softwood :	: : Hardwood :	County	: : All : species	: : Softwood :	: : Hardwood :
----- Standard cords -----				----- Standard cords -----			
Newton	22,451	21,450	1,001	Taylor	31,160	28,310	2,850
Oconee	16,086	14,922	1,164	Telfair	64,583	58,448	6,135
Oglethorpe	44,835	26,582	18,253	Terrell	29,203	29,063	140
Paulding	31,933	26,158	5,775	Thomas	66,406	59,355	7,051
Peach	2,547	2,317	230	Tift	19,391	15,667	3,724
Pickens	21,834	19,411	2,423	Toombs	45,658	39,722	5,936
Pierce	25,510	25,360	150	Towns	3,765	2,430	1,335
Pike	46,221	43,766	2,455	Treutlen	25,681	24,266	1,415
Polk	29,044	24,878	4,166	Troup	77,878	76,806	1,072
Pulaski	20,446	19,812	634	Turner	14,568	11,929	2,639
Putnam	39,974	33,680	6,294	Twiggs	44,282	40,709	3,573
Quitman	62,281	50,734	11,547	Union	11,197	8,278	2,919
Rabun	4,328	1,173	3,155	Upson	28,835	27,519	1,316
Randolph	76,940	53,866	23,074	Walker	16,236	14,968	1,268
Richmond	16,712	14,161	2,551	Walton	30,158	21,650	8,508
Rockdale	350	350	0	Ware	150,340	146,452	3,888
Schley	26,161	23,094	3,067	Warren	70,139	64,672	5,467
Screven	34,333	31,043	3,290	Washington	42,831	35,625	7,206
Seminole	12,817	9,426	3,391	Wayne	123,353	110,012	13,341
Spalding	19,108	18,535	573	Webster	25,451	20,991	4,460
Stephens	13,345	8,850	4,495	Wheeler	74,424	72,217	2,207
Stewart	112,013	95,770	16,243	White	827	821	6
Sumter	23,290	20,297	2,993	Whitefield	26,349	22,121	4,228
Talbot	52,189	46,665	5,524	Wilcox	42,483	38,055	4,428
Taliaferro	16,167	8,671	7,496	Wilkes	50,618	34,469	16,149
Tattnall	27,971	20,892	7,079	Wilkinson	51,483	38,196	13,287
				Worth	38,989	35,556	3,433
				All counties	6,057,772	5,303,463	754,309

Table 11.--Round pulpwood production in Louisiana, 1978

Parish ^{1/}	All species	Softwood	Hardwood	Parish ^{1/}	All species	Softwood	Hardwood
----- Standard cords -----				----- Standard cords -----			
Acadia	509	145	364	Madison	17,587	32	17,555
Allen	78,551	59,682	18,869	Morehouse	52,161	32,654	19,507
Ascension	129	5	124	Natchitoches	121,904	112,222	9,682
Assumption	551	4	547	Ouachita	62,588	35,782	26,806
Avoyelles	37,622	16,364	21,258	Pointe Coupee	16,776	0	16,776
Beauregard	202,507	199,422	3,085	Rapides	161,343	135,425	25,918
Bienville	189,306	161,002	28,304	Red River	35,202	26,138	9,064
Bossier	87,257	70,136	17,121	Richland	2,609	405	2,204
Caddo	34,813	24,360	10,453	Sabine	154,653	142,370	12,283
Calcasieu	7,967	6,952	1,015	St. Charles	5	5	0
Caldwell	78,032	40,263	37,769	St. Helena	80,935	67,011	13,924
Cameron	17	7	10	St. Landry	32,779	0	32,779
Catahoula	68,630	12,073	56,557	St. Martin	21	0	21
Claiborne	117,022	99,425	17,597	St. Mary	10	0	10
Concordia	57,579	6	57,573	St. Tammany	38,234	36,917	1,317
De Soto	111,800	90,710	21,090	Tangipahoa	57,126	49,257	7,869
East Baton Rouge	8,247	2,648	5,599	Tensas	62,364	15	62,349
East Carroll	5,883	10	5,873	Union	150,586	106,470	44,116
East Feliciana	25,502	16,899	8,603	Vermillion	39	39	0
Evangeline	18,637	17,677	960	Vernon	166,308	154,788	11,520
Franklin	6,088	2,326	3,762	Washington	79,387	72,363	7,024
Grant	80,982	50,992	29,990	Webster	71,230	59,786	11,444
Iberville	426	0	426	West Baton Rouge	425	0	425
Jackson	103,613	88,340	15,273	West Carroll	325	317	8
Jefferson Davis	6,620	5,124	1,496	West Feliciana	22,818	2,373	20,445
Lafayette	10	0	10	Winn	157,234	120,842	36,392
La Salle	137,092	112,625	24,467				
Lincoln	104,073	83,486	20,587	All parishes	3,181,809	2,366,340	815,469
Livingston	67,695	50,446	17,249				

^{1/} Parishes with no pulpwood production are omitted.

Table 12.--Round pulpwood production in Mississippi, 1978

County ^{1/}	All species	Softwood	Hardwood	County ^{1/}	All species	Softwood	Hardwood
Standard cords				Standard cords			
Adams	31,408	203	31,205	Madison	52,524	27,805	24,719
Alcorn	23,315	15,796	7,519	Marion	43,073	31,087	11,986
Amite	82,139	63,292	18,847	Marshall	12,000	8,335	3,665
Attala	130,731	88,485	42,246	Monroe	20,043	14,979	5,064
				Montgomery	33,693	20,130	13,563
Benton	28,172	16,187	11,985	Neshoba	93,435	48,589	44,846
Bolivar	7,680	4	7,676	Newton	85,282	46,836	38,446
Calhoun	40,552	8,147	32,405	Noxubee	47,341	27,290	20,051
Carroll	32,878	19,057	13,821	Oktibbeha	41,667	29,989	11,678
Chickasaw	22,900	20,352	2,548	Panola	16,202	9,615	6,587
Choctaw	61,211	36,310	24,901	Pearl River	74,409	68,048	6,361
Claiborne	47,246	7,256	39,990	Perry	56,227	41,711	14,516
Clarke	130,200	79,565	50,635	Pike	81,897	58,369	23,528
Clay	15,982	11,990	3,992	Pontotoc	23,982	19,680	4,302
Copiah	104,969	65,106	39,863	Prentiss	38,310	27,478	10,832
Covington	44,478	26,968	17,510				
De Soto	13	4	9	Quitman	49	36	13
Forrest	40,787	24,941	15,846	Rankin	106,437	82,040	24,397
Franklin	59,568	30,650	28,918	Scott	59,308	45,289	14,019
George	30,859	14,264	16,595	Sharkey	866	36	830
Greene	113,100	72,131	40,969	Simpson	81,849	60,757	21,092
Grenada	16,384	10,430	5,954	Smith	38,450	26,995	11,455
Hancock	23,774	22,827	947	Stone	46,838	37,492	9,346
Harrison	42,275	39,457	2,818	Sunflower	19	18	1
Hinds	43,311	19,126	24,185	Tallahatchie	1,216	615	601
Holmes	61,241	32,233	29,008	Tate	7	7	0
Humphreys	167	60	107	Tippah	38,241	31,402	6,839
Issaquena	20,673	63	20,610	Tishomingo	26,563	20,145	6,418
Itawamba	39,712	29,469	10,243	Tunica	2,363	33	2,330
Jackson	25,526	20,654	4,872	Union	12,207	9,798	2,409
Jasper	93,205	49,649	43,556	Walthall	34,117	17,920	16,197
Jefferson	49,310	16,295	33,015	Warren	53,144	1,500	51,644
Jefferson Davis	36,614	29,291	7,323	Washington	8,948	22	8,926
Jones	61,762	30,242	31,520	Wayne	87,717	38,614	49,103
Kemper	110,136	59,490	50,646	Webster	40,566	31,496	9,070
Lafayette	25,901	14,189	11,712	Wilkinson	49,352	9,011	40,341
Lamar	39,541	29,076	10,465	Winston	66,375	42,550	23,825
Lauderdale	85,722	46,470	39,252	Yalobusha	14,123	8,997	5,126
Lawrence	86,034	65,502	20,532	Yazoo	20,678	7,999	12,679
Leake	85,884	53,730	32,154				
Lee	12,537	9,490	3,047				
Leflore	1,794	1,007	787				
Lincoln	96,514	63,426	33,088				
Lowndes	4,486	2,608	1,878				
				All counties	3,620,209	2,198,205	1,422,004

^{1/}Counties with no pulpwood production are omitted

Table 13.--Round pulpwood production in North Carolina, 1978

County ^{1/}	All species	Softwood	Hardwood	County ^{1/}	All species	Softwood	Hardwood
Standard cords				Standard cords			
Alamance	5,582	2,528	3,054	Lee	21,116	14,048	7,068
Alexander	5,358	3,311	2,047	Lenoir	16,574	10,835	5,739
Alleghany	89	0	89	Lincoln	28,032	23,605	4,427
Anson	76,246	51,127	25,119	McDowell	20,629	7,990	12,639
Ashe	62	5	57	Macon	163	0	163
Avery	434	0	434	Madison	566	113	453
Beaufort	83,405	42,459	40,946	Martin	33,102	10,508	22,594
Bertie	73,141	29,069	44,072	Mecklenburg	9,556	8,191	1,365
Bladen	88,038	42,287	45,751	Mitchell	365	2	363
Brunswick	87,731	61,907	25,824	Montgomery	27,844	17,838	10,006
Buncombe	11,113	3,128	7,985	Moore	43,765	32,641	11,124
Burke	31,809	17,959	13,850	Nash	38,232	12,855	25,377
Cabarrus	11,227	7,937	3,290	New Hanover	2,009	1,792	217
Caldwell	4,960	1,988	2,972	Northampton	43,610	20,664	22,946
Camden	3,668	2,594	1,074	Onslow	52,855	43,485	9,370
Carteret	21,210	17,123	4,087	Orange	11,034	5,467	5,567
Caswell	18,004	4,565	13,439	Pamlico	30,844	24,077	6,767
Catawba	11,045	9,628	1,417	Pasquotank	30,507	12,032	18,475
Chatham	87,691	48,201	39,490	Pender	49,001	37,584	11,417
Cherokee	16,663	9,439	7,224	Perquimans	17,250	5,176	12,074
Chowan	15,152	2,635	12,517	Person	20,649	13,136	7,513
Clay	4,826	4,079	747	Pitt	33,813	15,414	18,399
Cleveland	22,488	16,820	5,668	Polk	21,485	10,569	10,916
Columbus	84,292	42,298	41,994	Randolph	8,288	6,180	2,108
Craven	229,496	137,798	91,698	Richmond	31,369	19,918	11,451
Cumberland	24,514	13,230	11,284	Robeson	40,503	27,324	13,179
Currituck	6,818	931	5,887	Rockingham	13,156	6,187	6,969
Dare	2,482	2,447	35	Rowan	15,986	7,799	8,187
Davidson	15,580	9,900	5,680	Rutherford	44,784	30,056	14,728
Davie	3,249	2,168	1,081	Sampson	98,398	55,318	43,080
Duplin	90,424	57,922	32,502	Scotland	13,678	10,292	3,386
Durham	28,536	23,002	5,534	Stanly	17,937	11,882	6,055
Edgecombe	25,462	12,517	12,945	Stokes	1,607	55	1,552
Forsyth	5,892	4,419	1,473	Surry	1,769	468	1,301
Franklin	47,709	28,986	18,723	Swain	5,938	2,895	3,043
Gaston	14,541	12,223	2,318	Transylvania	9,018	366	8,652
Gates	24,698	9,574	15,124	Tyrrell	23,304	17,804	5,500
Graham	165	16	149	Union	33,218	24,849	8,369
Granville	81,843	56,276	25,567	Vance	2,757	1,503	1,254
Greene	8,143	3,458	4,685	Wake	123,569	80,485	43,084
Guilford	11,612	6,892	4,720	Warren	45,660	30,096	15,564
Halifax	82,527	40,188	42,339	Washington	71,362	12,151	59,211
Harnett	9,164	2,814	6,350	Watauga	4	4	0
Haywood	3,531	117	3,414	Wayne	16,703	5,785	10,918
Henderson	10,843	1,697	9,146	Wilkes	10,353	2,350	8,003
Hertford	33,652	10,609	23,043	Wilson	52,319	27,347	24,972
Hoke	21,070	17,589	3,481	Yadkin	5,502	4,512	990
Hyde	19,852	13,535	6,317	Yancey	489	52	437
Iredell	30,550	25,318	5,232	All counties	2,925,718	1,674,390	1,251,328
Jackson	6,938	363	6,575				
Johnston	33,868	7,299	26,569				
Jones	47,653	38,315	9,338				

^{1/}Counties with no pulpwood production are omitted.

Table 14.--Round pulpwood production in Oklahoma, 1978

County ^{1/}	All species	Softwood	Hardwood
- - - - Standard cords - - - -			
Cherokee	478	--	478
Choctaw	20,306	10,104	10,202
Custer	131	--	131
Delaware	337	--	337
Latimer	368	242	126
Le Flore	75,518	58,290	17,228
McCurtain	157,287	115,497	41,790
Mayes	4,559	--	4,559
Pushmataha	89,242	59,241	30,001
Rogers	210	--	210
Wagoner	316	--	316
All counties	348,752	243,374	105,378

^{1/} Counties with no pulpwood production are omitted

Table 15.--Round pulpwood production in South Carolina, 1978

County ^{1/}	All species	Softwood	Hardwood	County ^{1/}	All species	Softwood	Hardwood
- - - - Standard cords - - - -				- - - - Standard cords - - - -			
Abbeville	83,189	63,161	20,028	Jasper	47,579	29,808	17,771
Aiken	58,645	53,018	5,627	Kershaw	109,841	82,102	27,739
Allendale	24,389	19,523	4,866	Lancaster	56,383	39,088	17,295
Anderson	87,834	71,868	15,966	Laurens	68,862	49,932	18,930
Bamberg	24,795	19,642	5,153	Lee	14,911	12,103	2,808
Barnwell	58,844	53,744	5,100	Lexington	34,299	28,870	5,429
Beaufort	15,808	9,750	6,058	McCormick	84,414	71,368	13,046
Berkeley	62,992	50,000	12,992	Marion	27,433	10,987	16,446
Calhoun	7,716	6,304	1,412	Marlboro	45,169	21,817	23,352
Charleston	28,996	13,286	15,710	Newberry	113,730	84,386	29,344
Cherokee	20,024	15,918	4,106	Oconee	34,455	19,216	15,239
Chester	104,614	86,548	18,066	Orangeburg	65,604	45,718	19,886
Chesterfield	91,780	65,826	25,954	Pickens	21,964	13,628	8,336
Clarendon	46,437	40,787	5,650	Richland	60,416	53,354	7,062
Colleton	81,755	41,952	39,803	Saluda	41,820	30,026	11,794
Darlington	33,111	13,108	20,003	Spartanburg	57,216	45,723	11,493
Dillon	26,924	13,680	13,244	Sumter	29,320	23,300	6,020
Dorchester	33,303	9,013	24,290	Union	81,279	58,848	22,431
Edgefield	72,702	54,372	18,330	Williamsburg	65,713	44,495	21,218
Fairfield	154,802	135,038	19,764	York	60,786	49,583	11,203
Florence	25,394	15,176	10,218	All counties	2,680,477	1,934,353	746,124
Georgetown	95,356	72,903	22,453				
Greenville	20,084	16,364	3,720				
Greenwood	133,382	74,635	58,747				
Hampton	79,801	49,185	30,616				
Horry	86,606	55,200	31,406				

^{1/} Counties with no pulpwood production are omitted.

Table 16.--Round pulpwood production in Tennessee, 1978

County ^{1/}	All species	Softwood	Hardwood	County ^{1/}	All species	Softwood	Hardwood
Standard cords				Standard cords			
Anderson	1,585	1,580	5	Knox	6,929	5,749	1,180
Benton	8,301	1,570	6,731	Lauderdale	78	0	78
Bledsoe	4,768	4,768	0	Lawrence	8,772	7,324	1,448
Blount	11,033	9,187	1,846	Lewis	7,079	630	6,449
Bradley	15,962	15,495	467	Loudon	1,978	1,771	207
Campbell	268	0	268	McMinn	23,957	21,429	2,528
Carroll	5,903	42	5,861	McNairy	7,267	6,171	1,096
Carter	4,785	154	4,631	Madison	122	55	67
Chester	1,889	1,323	566	Marion	4,459	0	4,459
Cocke	2,936	77	2,859	Meigs	10,251	5,755	4,496
Coffee	4,034	4,034	0	Monroe	17,504	14,387	3,117
Cumberland	11,386	7,071	4,315	Montgomery	276	0	276
Decatur	334	270	64	Morgan	13,039	5,027	8,012
Fayette	13	9	4	Perry	507	471	36
Fentress	4,271	3,139	1,132	Polk	8,980	6,756	2,224
Franklin	7,871	0	7,871	Putnam	151	0	151
Gibson	955	915	40	Rhea	10,397	6,382	4,015
Giles	14,189	7,065	7,124	Roane	15,246	8,405	6,841
Grainger	1,285	151	1,134	Scott	5,721	3,809	1,912
Greene	2,904	257	2,647	Sequatchie	1,760	1,078	682
Grundy	34,129	3,272	30,857	Stewart	2,852	0	2,852
Hamblen	12	12	0	Sullivan	1,626	74	1,552
Hamilton	8,805	6,551	2,254	Unicoi	547	38	509
Hancock	2,645	151	2,494	Warren	275	275	0
Hardeman	6,980	4,584	2,396	Washington	176	38	138
Hardin	37,240	17,561	19,679	Wayne	47,762	18,786	28,976
Hawkins	5,232	113	5,119	Weakley	440	0	440
Henderson	45	0	45				
Henry	2,498	137	2,361				
Hickman	20,650	0	20,650				
Houston	6,419	0	6,419				
Humphreys	35,902	0	35,902				
Jefferson	687	0	687				
Johnson	2,379	38	2,341				
				All counties	466,446	203,936	262,510

^{1/}Counties with no pulpwood production are omitted

Table 17.--Round pulpwood production in Texas, 1978

County ^{1/}	All species	Softwood	Hardwood	County ^{1/}	All species	Softwood	Hardwood
Standard cords				Standard cords			
Anderson	34,602	32,767	1,835	Nacogdoches	103,250	90,089	13,161
Angelina	94,902	82,971	11,931	Newton	181,429	127,632	53,797
Bowie	51,725	32,432	19,293	Orange	9,771	6,174	3,597
Camp	20,959	16,766	4,193	Panola	61,341	53,542	7,799
Cass	117,376	95,495	21,881	Polk	182,416	146,496	35,920
Chambers	157	157	0	Red River	20,057	12,268	7,789
Cherokee	123,975	111,552	12,423	Rusk	63,501	51,499	12,002
Franklin	978	681	297	Sabine	19,184	15,417	3,767
Gregg	25,055	23,818	1,237	San Augustine	103,647	83,026	20,621
Grimes	9,752	9,590	162	San Jacinto	49,417	44,744	4,673
Hardin	117,986	83,300	34,686	Shelby	153,248	135,988	17,260
Harris	5,490	2,221	3,269	Smith	42,202	39,750	2,452
Harrison	149,322	135,559	13,763	Titus	2,560	587	1,973
Henderson	459	372	87	Trinity	163,077	160,779	2,298
Houston	91,895	80,095	11,800	Tyler	136,696	96,907	39,789
Jasper	124,152	95,783	28,369	Upshur	81,085	68,291	12,794
Jefferson	7,198	3,720	3,478	Van Zandt	1	0	1
Liberty	63,945	48,690	15,255	Walker	35,610	28,700	6,910
Madison	9,157	9,157	0	Waller	1,628	949	679
Marion	101,947	69,121	32,826	Wood	23,097	19,775	3,322
Montgomery	47,363	38,691	8,672				
Morris	29,626	23,925	5,701	All counties	2,661,238	2,179,476	481,762

^{1/}Counties with no pulpwood production are omitted

Table 18.--Round pulpwood production in Virginia, 1978

County ^{1/}	All species	Softwood	Hardwood	County ^{1/}	All species	Softwood	Hardwood
----- Standard cords -----				----- Standard cords -----			
Accomack	13,659	13,629	30	Lancaster	1,404	1,186	218
Albemarle	41,887	23,847	18,040	Lee	5,812	160	5,652
Alleghany	19,309	2,801	16,508	Loudoun	710	554	156
Amelia	32,960	17,634	15,326	Louisa	16,353	11,751	4,602
Amherst	30,049	9,313	20,736	Lunenburg	37,430	13,734	23,696
Appomattox	65,481	32,256	33,225	Madison	473	303	170
Arlington	13	11	2	Mathews	2,254	1,648	606
Augusta	15,940	3,131	12,809	Mechlenburg	55,262	36,830	18,432
Bath	9,645	471	9,174	Middlesex	5,577	3,834	1,743
Bedford	59,365	15,614	43,751	Montgomery	130	23	107
Bland	18	7	11	Nelson	58,319	24,630	33,689
Botetourt	32,916	13,878	19,038	New Kent	18,541	12,159	6,382
Brunswick	65,518	37,650	27,868	Newport News	132	60	72
Buchanan	88	6	82	Northampton	4,347	2,100	2,247
Buckingham	123,298	42,055	81,243	Northumberland	2,659	1,709	950
Campbell	61,957	34,208	27,749	Nottoway	32,547	21,898	10,649
Caroline	22,297	16,840	5,457	Orange	8,866	3,119	5,747
Carroll	27	2	25	Page	28	27	1
Charles City	18,962	10,005	8,957	Patrick	959	545	414
Charlotte	46,326	24,259	22,067	Pittsylvania	72,264	53,615	18,649
Chesapeake	9,142	665	8,477	Powhatan	17,455	10,455	7,000
Chesterfield	9,960	6,250	3,710	Prince Edward	52,810	31,538	21,272
Clarke	135	72	63	Prince George	13,255	5,365	7,890
Craig	11,335	1,457	9,878	Prince William	5,600	4,587	1,013
Culpeper	4,000	3,232	768	Pulaski	1,718	142	1,576
Cumberland	45,597	31,491	14,106	Rappahannock	36	13	23
Dinwiddie	29,663	13,964	15,699	Richmond	4,824	3,893	931
Essex	10,528	9,076	1,452	Roanoke	1,563	57	1,506
Fairfax	142	37	105	Rockbridge	26,949	5,553	21,396
Fauquier	6,216	5,646	570	Rockingham	5,103	1,665	3,438
Floyd	4,408	5	4,403	Scott	1,415	38	1,377
Fluvanna	28,824	18,102	10,722	Shenandoah	3,229	2,241	988
Franklin	27,743	15,944	11,799	Smyth	5,763	39	5,724
Frederick	6,997	5,576	1,421	Southampton	47,894	14,071	33,823
Giles	22	6	16	Spotsylvania	20,404	16,362	4,042
Gloucester	9,097	6,401	2,696	Stafford	9,006	2,023	6,983
Goochland	14,566	10,871	3,695	Suffolk	19,634	6,161	13,473
Greene	1,581	1,357	224	Surry	20,232	5,158	15,074
Greensville	23,062	8,693	14,369	Sussex	48,947	25,302	23,645
Halifax	70,649	39,565	31,084	Tazewell	357	158	199
Hanover	13,535	8,767	4,768	Virginia Beach	2,572	367	2,205
Henrico	8,642	4,024	4,618	Warren	6,292	2,186	4,106
Henry	14,758	9,234	5,524	Washington	2,721	92	2,629
Highland	5,282	175	5,107	Westmoreland	4,029	2,833	1,196
Isle of Wight	19,947	6,515	13,432	Wise	7,687	113	7,574
James City	5,711	1,758	3,953	Wythe	1,136	75	1,061
King and Queen	56,864	42,937	13,927	York	664	332	332
King George	1,466	1,447	19	All counties	1,768,460	889,567	878,893
King William	13,511	7,979	5,532				

^{1/}Counties with no pulpwood production are omitted.

Southern pulp mills in 1978, and those under construction.
Numbers at mill locations correspond to numbers in tables
19 and 21.

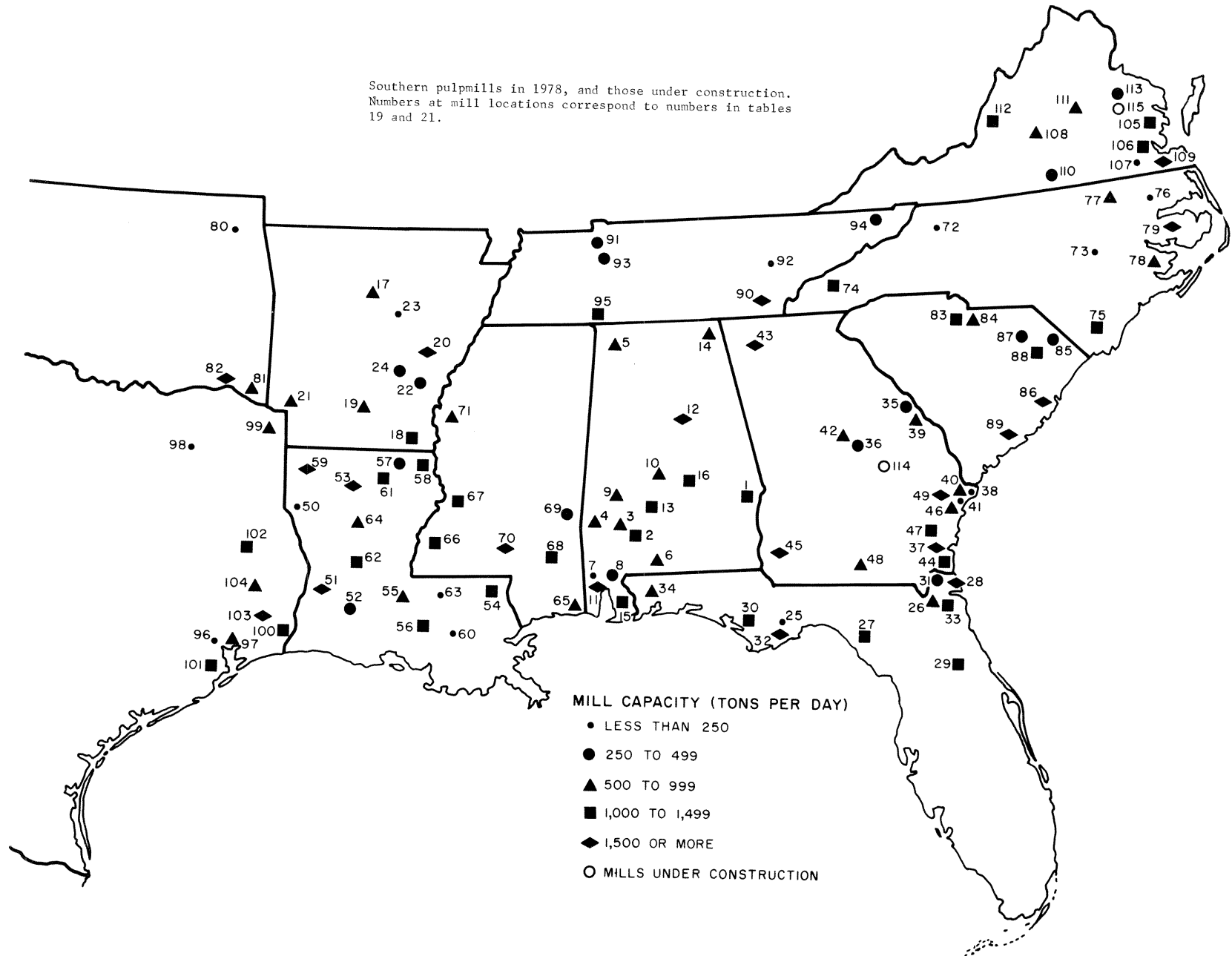


Table 19.--Southern pulp mills, by process and capacity, 1978

Location	Map code ¹ /	Company	Pulping capacity, 24 hours ² /				
			All processes	Sulfate	Groundwood and other mechanical	Semi- chemical	Soda and sulfite
			Tons				
ALABAMA							
Mahrt	(1)	Alabama Kraft Co.	1,000	1,000	--	--	--
Claiborne	(2)	Alabama River Pulp Co.	1,000	1,000	--	--	--
Jackson	(3)	Allied Paper Co.	600	600	--	--	--
Naheola	(4)	American Can Co.	900	900	--	--	--
Courtland	(5)	Champion International Corp.	600	600	--	--	--
Brewton	(6)	Container Corp. of America	800	800	--	--	--
Mobile	(7)	GAF Corp.	50	--	50	--	--
Mobile	(8)	Gold Bond Building Products	375	--	200	175	--
Demopolis	(9)	Gulf States Paper Corp.	500	500	--	--	--
Selma	(10)	Hammermill Paper Co.	530	530	--	--	--
Mobile	(11)	International Paper Co.	1,500	1,200	300	--	--
Coosa Pines	(12)	Kimberly-Clark Corp.	1,555	615	940	--	--
Pine Hill	(13)	McMillan Bloedel Inc.	1,100	1,100	--	--	--
Stevenson	(14)	Mead Paperboard	650	--	--	650	--
Mobile	(15)	Scott Paper Co.	1,400	1,400	--	--	--
Montgomery	(16)	Union Camp Corp.	1,000	1,000	--	--	--
Total			13,560	11,245	1,490	825	--
ARKANSAS							
Morrilton	(17)	Arkansas Kraft Corp.	800	800	--	--	--
Crossett	(18)	Georgia-Pacific Corp.	1,410	1,410	--	--	--
Camden	(19)	International Paper Co.	750	750	--	--	--
Pine Bluff	(20)	International Paper Co.	1,700	1,300	400	--	--
Ashdown	(21)	Nekoosa Papers Inc.	600	600	--	--	--
McGehee	(22)	Potlatch Corp.	450	450	--	--	--
Little Rock	(23)	Superwood Corp.	140	--	140	--	--
Pine Bluff	(24)	Weyerhaeuser Co.	250	250	--	--	--
Total			6,100	5,560	540	--	--
FLORIDA							
Blountstown	(25)	Abitibi Corp.	200	--	200	--	--
Jacksonville	(26)	Alton Box Board Co.	625	625	--	--	--
Foley	(27)	The Buckeye Cellulose Corp.	1,176	1,176	--	--	--
Fernandina Beach	(28)	Container Corp. of America	1,700	1,700	--	--	--
Palatka	(29)	Hudson Pulp and Paper Corp.	1,050	1,050	--	--	--
Panama City	(30)	International Paper Co.	1,415	1,415	--	--	--
Fernandina Beach	(31)	I.T.T. Rayonier Inc.	400	--	--	--	400
Port St. Joe	(32)	St. Joe Paper Co.	1,700	1,700	--	--	--
Jacksonville	(33)	St. Regis Paper Co.	1,400	1,400	--	--	--
Pensacola	(34)	St. Regis Paper Co.	900	900	--	--	--
Total			10,566	9,966	200	--	400
GEORGIA							
Augusta	(35)	Abitibi Southern Corp.	375	--	375	--	--
Macon	(36)	Armstrong Cork Co.	400	--	400	--	--
Brunswick	(37)	Brunswick Pulp and Paper Co.	1,650	1,650	--	--	--
Savannah	(38)	Certain-teed Products Corp.	80	--	--	80	--
Augusta	(39)	Continental Forest Industries	700	700	--	--	--
Port Wentworth	(40)	Continental Forest Industries	675	675	--	--	--
Savannah	(41)	GAF Corp.	48	--	48	--	--
Macon	(42)	Georgia Kraft Co., Mead Div.	900	900	--	--	--
Rome	(43)	Georgia Kraft Co., Krannert Div.	1,600	1,600	--	--	--
St. Marys	(44)	Gilman Paper Co., St. Marys Kraft Div.	1,100	1,100	--	--	--
Cedar Springs	(45)	Great Southern Paper Co.	2,270	1,870	--	400	--
Riceboro	(46)	Interstate Paper Corp.	550	550	--	--	--
Jesup	(47)	I.T.T. Rayonier Inc.	1,266	1,266	--	--	--
Valdosta	(48)	Owens-Illinois, Forest Products Div.	875	875	--	--	--
Savannah	(49)	Union Camp Corp.	3,000	2,600	--	400	--
Total			15,489	13,786	823	880	--

Table 19.--Southern pulp mills, by process and capacity, 1978- (Continued)

Location	Map code ^{1/}	Company	Pulping capacity, 24 hours ^{2/}				
			All processes	Sulfate	Groundwood and other mechanical	Semi- chemical	Soda and sulfate
			Tons				
LOUISIANA							
Shreveport	(50)	Bird and Son, Inc.	225	--	--	225	--
DeRidder	(51)	Boise Southern Co.	1,500	1,050	450	--	--
Elizabeth	(52)	Calcasieu Paper Co.	305	305	--	--	--
Hodge	(53)	Continental Forest Industries	1,650	1,400	--	250	--
Bogalusa	(54)	Crown Zellerbach Corp.	1,450	1,300	--	150	--
St. Francisville	(55)	Crown Zellerbach Corp.	805	550	255	--	--
Port Hudson	(56)	Georgia-Pacific Corp.	1,240	1,240	--	--	--
Bastrop	(57)	International Paper Co. (Bastrop Mill)	485	--	--	485	--
Bastrop	(58)	International Paper Co. (Louisiana Mill)	1,100	1,100	--	--	--
Springhill	(59)	International Paper Co.	1,625	1,625	--	--	--
New Orleans	(60)	Masonite Corp.	130	--	130	--	--
West Monroe	(61)	Olinkraft, Inc.	1,900	1,650	--	250	--
Pineville	(62)	Pineville Kraft Corp.	1,050	1,050	--	--	--
St. Francisville	(63)	St. Francisville Paper Co.	210	--	210	--	--
Campti	(64)	Western Kraft Paper Group	750	750	--	--	--
Total			14,425	12,020	1,045	1,360	--
MISSISSIPPI							
Moss Point	(65)	International Paper Co.	700	700	--	--	--
Natchez	(66)	International Paper Co.	1,000	1,000	--	--	--
Vicksburg	(67)	International Paper Co.	1,200	1,200	--	--	--
Laurel	(68)	Masonite Corp.	1,200	--	1,200	--	--
Meridian	(69)	Owens-Corning Fiberglas Corp.	250	--	200	50	--
Monticello	(70)	St. Regis Paper Co.	1,620	1,620	--	--	--
Greenville	(71)	United States Gypsum Co.	500	--	500	--	--
Total			6,470	4,520	1,900	50	--
NORTH CAROLINA							
Roaring River	(72)	Abitibi Corp.	120	--	120	--	--
Goldsboro	(73)	The Celotex Corp.	110	--	110	--	--
Canton	(74)	Champion International Corp.	1,365	1,365	--	--	--
Riegelwood	(75)	Federal Paper Board Co., Inc.	1,450	1,450	--	--	--
Conway	(76)	Georgia-Pacific Corp.	200	--	200	--	--
Roanoke Rapids	(77)	Hoerner Waldorf Div., Champion International Corp.	940	940	--	--	--
New Bern	(78)	Weyerhaeuser Co.	725	725	--	--	--
Plymouth	(79)	Weyerhaeuser Co.	1,900	1,650	--	250	--
Total			6,810	6,130	430	250	--
OKLAHOMA							
Pryor	(80)	Georgia-Pacific Corp.	150	--	150	--	--
Broken Bow	(81)	Weyerhaeuser Co.	520	--	520	--	--
Valiant	(82)	Weyerhaeuser Co.	2,300	1,500	--	800	--
Total			2,970	1,500	670	800	--
SOUTH CAROLINA							
Catawba	(83)	Bowaters Carolina Corp.	1,150	1,000	150	--	--
Catawba	(84)	Catawba Newsprint Co.	500	--	500	--	--
Marion	(85)	The Celotex Corp.	360	--	360	--	--
Georgetown	(86)	International Paper Co.	2,130	1,650	--	480	--
Hartsville	(87)	Sonoco Products Co.	417	--	--	417	--
Florence	(88)	South Carolina Industries, Inc.	1,400	1,400	--	--	--
Charleston	(89)	Westvaco Corp.	1,950	1,950	--	--	--
Total			7,907	6,000	1,010	897	--

Table 19.--Southern pulp mills, by process and capacity, 1978-(Continued)

Location	Map code ^{1/}	Company	Pulping capacity, 24 hours ^{2/}				
			All processes	Sulfate	Groundwood : and other : mechanical	Semi- : chemical	Soda : and sulfite
			Tons				
TENNESSEE							
Calhoun	(90)	Bowaters Southern Paper Corp.	1,625	500	925	200	--
Paris	(91)	The Celotex Corp.	300	--	--	300	--
Harriman	(92)	Harriman Paperboard Corp.	190	--	--	190	--
New Johnsonville	(93)	Inland Container Corp.	450	--	--	450	--
Kingsport	(94)	Mead Paper	250	--	--	--	250
Counce	(95)	Tennessee River Pulp and Paper Co.	1,200	1,200	--	--	--
Total			4,015	1,700	925	1,140	250
TEXAS							
Houston	(96)	The Celotex Corp.	50	--	50	--	--
Pasadena	(97)	Champion International Corp.	750	750	--	--	--
Dallas	(98)	GAF Corp.	70	--	70	--	--
Texarkana	(99)	International Paper Co.	575	575	--	--	--
Orange	(100)	Owens-Illinois	1,200	1,200	--	--	--
Houston	(101)	Southland Paper Mills, Inc.	1,450	650	800	--	--
Lufkin	(102)	Southland Paper Mills, Inc.	1,200	400	800	--	--
Evadale	(103)	Temple-EasTex Inc.	1,500	1,500	--	--	--
Diboll	(104)	Temple Industries	715	--	715	--	--
Total			7,510	5,075	2,435	--	--
VIRGINIA							
West Point	(105)	The Chesapeake Corp. of Virginia	1,200	1,200	--	--	--
Hopewell	(106)	Continental Forest Industries	1,054	874	--	180	--
Jarratt	(107)	Georgia-Pacific Corp.	240	--	240	--	--
Big Island	(108)	Owens-Illinois, Forest Products Div.	525	--	--	525	--
Franklin	(109)	Union Camp Corp.	1,800	1,800	--	--	--
Danville	(110)	United States Gypsum Co.	375	--	375	--	--
Riverville	(111)	Virginia Fiber Corp.	510	--	--	510	--
Covington	(112)	Westvaco Corp.	1,304	1,144	--	160	--
Doswell	(113)	Weyerhaeuser Co.	300	--	300	--	--
Total			7,308	5,018	915	1,375	--
Total South			103,130	82,520	12,383	7,577	650

^{1/} Corresponds to numbers at locations on mill capacity map, page 17.^{2/} Southern Pulp and Paper Manufacturer, vol. 41, No. 10 (October 1978); and other sources.

Table 20.--Other mills using southern pulpwood in 1978, by process and capacity

Location	Company	Pulping capacity, 24 hours				
		All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfite
		-----Tons-----				
ILLINOIS						
Peoria	The Celotex Corp.	240	--	240	--	--
Wilmington	The Celotex Corp.	30	--	30	--	--
Joliet	GAF Corp.	240	--	240	--	--
KENTUCKY						
Hawesville	Western Kraft	300	--	--	300	--
Wickliffe	Westvaco Corp.	600	600	--	--	--
MARYLAND						
Luke	Westvaco Corp.	758	758	--	--	--
MISSOURI						
Kansas City	GAF Corp.	90	--	90	--	--
OHIO						
Franklin	Bird and Son, Inc.	60	--	60	--	--
Cincinnati	The Celotex Corp.	100	100	--	--	--
PENNSYLVANIA						
Roaring Spring	Appleton Papers, Inc.	180	180	--	--	--
Spring Cove	P. H. Glatfelter Co.	500	500	--	--	--
York	Certain-teed Products Corp.	50	--	50	--	--

Table 21.--Pulpmills under construction in the South

Location	Map code ^{1/}	Company	Pulping capacity, 24 hours
			Tons
GEORGIA			
Dublin	114	Southeast Paper Manufacturing Co.	70
VIRGINIA			
Richmond	115	Bear Island Paper Co.	515

^{1/}Corresponds to numbers at location on mill capacity map, page 17 .

BERTELSON, DANIEL F.

1979. Southern pulpwood production, 1978. U.S. Dep. Agric.
For. Serv. Resour. Bull. SO-74, 21 p. South. For. Exp. Stn.
New Orleans, La.

Southern pulpwood production in 1978 was 50.6 million cords, a 4 percent increase over the previous year. Daily pulping capacity at the 113 southern pulpmills rose almost 2 percent to 103,130 tons.

Additional keywords: Pulpwood, roundwood, residue, pulpmills.

