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SOUTHERN PULPWOOD PRODUCTION, 1977

Thomas R. Bellamy

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Southeastern Forest Experiment Station
Asheville, North Carolina

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SOUTHEASTERN FOREST EXPERIMENT STATION
Asheville, North Carolina
and
SOUTHERN FOREST EXPERIMENT STATION
New Orleans, Louisiana
of the
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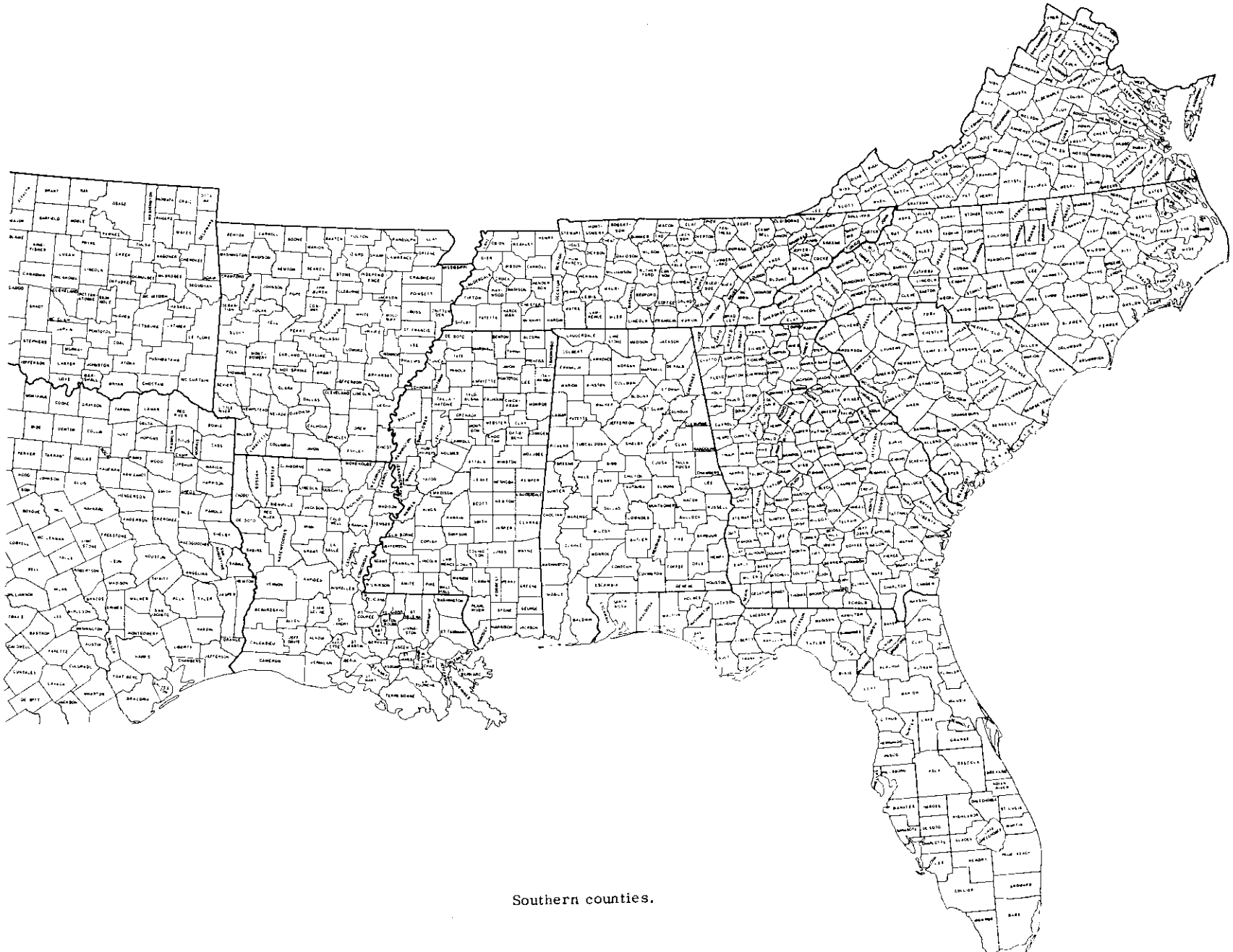
in cooperation with the

AMERICAN PULPWOOD ASSOCIATION

1977



Southern counties.

HIGHLIGHTS—Southern pulpwood production increased 3 percent in 1977 to 48.9 million cords. Roundwood production increased slightly while use of plant byproducts rose 9 percent. The use of plant byproducts continues to increase and now contributes 34 percent of the total. Pulping capacity increased to 100,894 tons per day.

Total pulpwood production in the South in 1977 was 48.9 million cords—3 percent more than in 1976 (table 1). Production declined in five States in the Midsouth and one in the Southeast. Roundwood production declined in 7 of the 12 States, while a decline in use of plant byproducts was reported in only 2 States. When combined, pulpwood production for these States declined by almost 658,000 cords.

Normally, when roundwood production increases, it occurs for both hardwood and softwood. In 1977, however, softwood output increased 74,700 cords while that of hardwood decreased 44,200 cords. The net result was an increase in roundwood production of less than 0.5 percent (tables 2 and 3). Roundwood accounted for two-thirds of the total production, about 2 percent less than the previous year.

As in previous years, Georgia led in roundwood production. Output there increased by more than 230,000 cords, and most of the increase was in softwood. Production in Alabama and Mississippi, the other two leading producers, declined almost 360,000 cords.

Since 1970, the use of plant byproducts for pulp manufacture has increased more rapidly than roundwood use (tables 4 and 5, fig. 1). Plant byproducts made up 20 percent of the mill furnish in 1970 and 34 percent in 1977. The average annual increase was over 10 percent. Meanwhile, 1977 roundwood production was less than the peaks reported in 1970 and 1974.

Table 1.--Pulpwood production in the South during 1977, and change since 1976

State	Pulpwood	Change
	Thousand cords	Percent
Alabama	7,072.1	- 4
Arkansas	3,498.6	- 1
Florida	3,630.3	+10
Georgia	8,365.5	+ 8
Louisiana	4,340.3	+ 1
Mississippi	5,211.9	- 2
North Carolina	4,576.1	+10
Oklahoma	692.1	+33
South Carolina	4,421.6	+14
Tennessee	670.6	-12
Texas	3,741.9	- 2
Virginia	2,637.8	- 1
All States	48,858.8	+ 3

For estimates of pulpwood production, the South is traditionally divided into two major regions: the Southeast; which includes the States of Virginia, North and South Carolina, Georgia, and Florida; and the Midsouth; which includes Alabama, Mississippi, Tennessee, Arkansas, Louisiana, Texas, and Oklahoma. A decline of 3 percent in softwood roundwood production in the Midsouth and a 4 percent increase in the Southeast enabled the Southeast to regain the lead in softwood roundwood output. The Midsouth, however, led in all other types of pulpwood production (table 6). The production of all wood in the Midsouth declined by 2 percent, while the Southeast pulpwood output increased by 8 percent.

Table 2.--Roundwood production in the South, by State and species group, 1977

State	All species	Softwood	Hardwood			
			Total	Gums	Oaks	Other hardwoods
	Thousand cords					
Alabama	4,793.7	3,393.0	1,400.7	171.7	540.2	688.8
Arkansas	2,220.2	1,454.6	765.6	34.0	560.6	171.0
Florida	2,799.4	2,513.7	285.7	123.4	124.2	38.1
Georgia	5,830.3	5,133.2	697.1	304.8	282.3	110.0
Louisiana	2,730.1	2,027.0	703.1	60.2	275.8	367.1
Mississippi	3,411.4	2,276.7	1,134.7	129.7	466.8	538.2
North Carolina	2,757.8	1.680.7	1,077.1	430.8	440.0	206.3
Oklahoma	329.6	231.6	98.0	5.6	60.7	31.7
South Carolina	2,683.2	1,963.0	720.2	325.0	279.3	115.9
Tennessee	470.9	213.9	257.0	12.0	130.1	114.9
Texas	2,340.3	1,944.3	396.0	77.6	182.7	135.7
Virginia	1,680.2	825.6	854.6	77.9	426.1	350.6
All States	32,047.1	23,657.3	8,389.8	1,752.7	3,768.8	2,868.3

Table 3.--Roundwood production in the South, by State and species group, 1977 and 1976

State	Change from 1976	1977			1976		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
	Percent	Thousand cords					
Alabama	- 4	4,793.7	3,393.0	1,400.7	5,007.3	3,541.1	1,466.2
Arkansas	- 3	2,220.2	1,454.6	765.6	2,294.2	1,482.4	811.8
Florida	+ 5	2,799.4	2,513.7	285.7	2,667.6	2,412.4	255.2
Georgia	+ 4	5,830.3	5,133.2	697.1	5,599.2	4,965.7	633.5
Louisiana	- 5	2,730.1	2,027.0	703.1	2,875.7	2,174.4	701.3
Mississippi	- 4	3,411.4	2,276.7	1,134.7	3,556.1	2,274.9	1,281.2
North Carolina	+11	2,757.8	1,680.7	1,077.1	2,483.8	1,490.3	993.5
Oklahoma	+25	329.6	231.6	98.0	264.4	185.7	78.7
South Carolina	+ 3	2,683.2	1,963.0	720.2	2,601.5	2,009.9	591.6
Tennessee	-10	470.9	213.9	257.0	525.2	229.7	295.5
Texas	- 3	2,340.3	1,944.3	396.0	2,405.5	2,004.8	400.7
Virginia	- 3	1,680.2	825.6	854.6	1,736.1	811.3	924.8
All States	+(1/)	32,047.1	23,657.3	8,389.8	32,016.6	23,582.6	8,434.0

1/ Less than 0.5 percent increase.

In 1977, 67 southern counties or parishes produced over 100,000 cords of roundwood, and 27 of these produced over 100,000 cords of softwood. Only three counties, Craven in North Carolina, Choctaw in Alabama, and Ashley in Arkansas, produced over 200,000 cords. Hardwood production exceeded 100,000 cords in the last two counties. Tables 7-18 show county production totals.

Southern pulping capacity in 1977 rose almost 3 percent to 100,894 tons per day (table 19). One new mill came on stream in Arkansas and several expansion projects were completed, bringing the number of mills in the South to 113. In addition, 11 mills outside the South used southern pulpwood, primarily plant byproducts (table 20). Only one mill was under construction at the end of the year (table 21). Despite a decline in pulpwood production, the Midsouth dominated pulping capacity growth, gaining 1,955 tons per day, or 69 percent of the year's increase across the South.

Table 4.--Southern output of plant byproducts for pulp manufacture, by State and species group, 1977 and 1976

State	Change from 1976	1977			1976		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
	Percent	Thousand cords					
Alabama	- 5	2,278.4	1,916.2	362.2	2,386.2	1,978.0	408.2
Arkansas	+ 3	1,278.4	1,118.4	160.0	1,238.9	1,111.4	127.5
Florida	+31	830.9	724.0	106.9	636.6	522.2	114.4
Georgia	+17	2,535.2	2,244.4	290.8	2,174.5	1,909.8	264.7
Louisiana	+14	1,610.2	1,368.3	241.9	1,407.2	1,176.6	230.6
Mississippi	+ 1	1,800.5	1,429.9	370.6	1,786.2	1,404.6	381.6
North Carolina	+ 9	1,818.3	1,491.8	326.5	1,674.9	1,394.3	280.6
Oklahoma	+41	362.5	362.5	--	257.3	218.9	38.4
South Carolina	+36	1,738.4	1,499.1	239.3	1,278.9	1,030.1	248.8
Tennessee	-14	199.7	17.9	181.8	233.3	23.5	209.8
Texas	+(1/)	1,401.6	1,240.8	160.8	1,395.8	1,269.5	126.3
Virginia	+ 3	957.6	588.1	369.5	925.7	554.8	370.9
All States	+ 9	16,811.7	14,001.4	2,810.3	15,395.5	12,593.7	2,801.8

1/ Less than 0.5 percent increase.

Table 5.--Southern output of plant byproducts for pulp manufacture, by State and type of residue, 1977

State	All types	Chips			Other residues 1/		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
	Thousand cords						
Alabama	2,278.4	2,112.8	1,769.7	343.1	165.6	146.5	19.1
Arkansas	1,278.4	1,257.1	1,118.4	138.7	21.3	--	21.3
Florida	830.9	795.3	688.4	106.9	35.6	35.6	--
Georgia	2,535.2	2,509.3	2,218.5	290.8	25.9	25.9	--
Louisiana	1,610.2	1,552.9	1,336.1	216.8	57.3	32.2	25.1
Mississippi	1,800.5	1,704.3	1,345.9	358.4	96.2	84.0	12.2
North Carolina	1,818.3	1,711.1	1,407.4	303.7	107.2	84.4	22.8
Oklahoma	362.5	362.5	362.5	--	--	--	--
South Carolina	1,738.4	1,650.8	1,411.5	239.3	87.6	87.6	--
Tennessee	199.7	199.7	17.9	181.8	--	--	--
Texas	1,401.6	1,328.2	1,167.4	160.8	73.4	73.4	--
Virginia	957.6	862.2	550.0	312.2	95.4	38.1	57.3
All States	16,811.7	16,046.2	13,393.7	2,652.5	765.5	607.7	157.8

1/ Veneer cores, pole and piling trim, cull material, sawdust, and secondary residues.

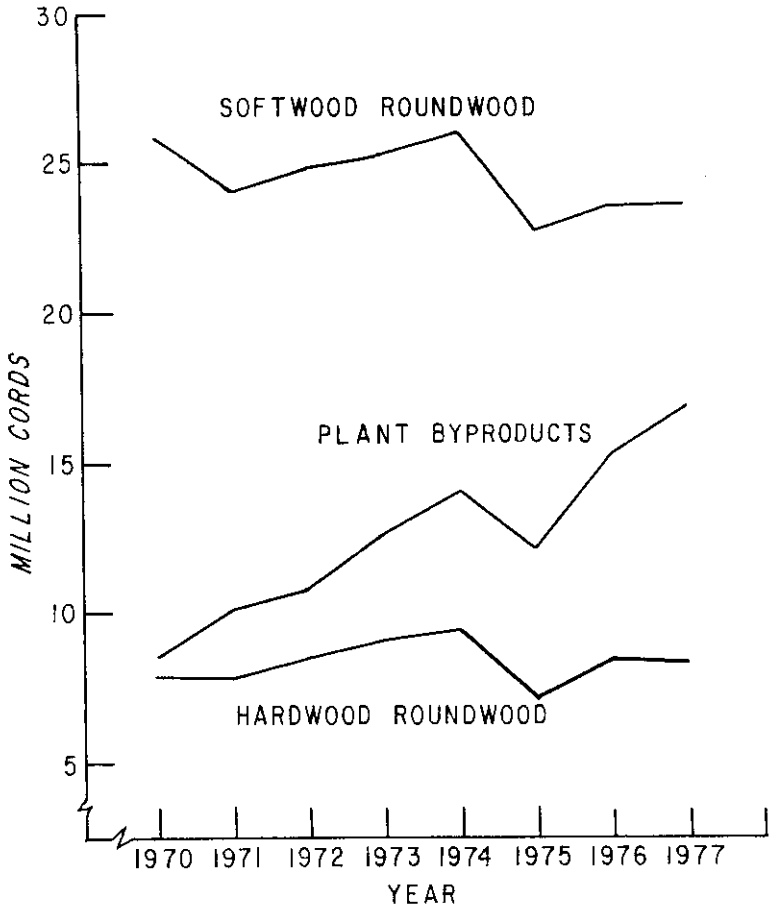


Figure 1. — Pulpwood production, 1970-1977.

Table 6.--Southern pulpwood production, by Experiment Station territory, 1977

Station and type of wood	All species	Softwood	Hardwood
	- - - - Standard cords	- - - -	
Southeastern:[1/]			
Roundwood	15,750,867	12,116,144	3,634,723
Plant byproducts	7,880,457	6,547,468	1,332,989
Total	23,631,324	18,663,612	4,967,712
Southern:[2/]			
Roundwood	16,296,170	11,541,100	4,755,070
Plant byproducts	8,931,324	7,453,949	1,477,375
Total	25,227,494	18,995,049	6,232,445
Both stations:			
Roundwood	32,047,037	23,657,244	8,389,793
Plant byproducts	16,811,781	14,001,417	2,810,364
Total	48,858,818	37,658,661	11,200,157

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, 1977

County	All species	Softwood	Hardwood
	- - - - Standard cords - - - -		
Autauga	65,266	42,681	22,585
Baldwin	174,269	137,943	36,326
Barbour	101,296	89,865	11,431
Bibb	77,267	60,248	17,019
Blount	33,784	24,599	9,185
Bullock	70,972	55,197	15,775
Butler	197,191	116,724	80,467
Calhoun	50,026	46,925	3,101
Chambers	120,752	98,841	21,911
Cherokee	44,061	39,090	4,971
Chilton	80,964	68,544	12,420
Choctaw	228,232	114,317	113,915
Clarke	159,753	91,871	67,882
Clay	68,616	59,724	8,892
Cleburne	52,634	44,505	8,129
Coffee	71,874	53,718	18,156
Colbert	12,465	3,377	9,088
Conecuh	120,380	62,095	58,285
Coosa	123,583	100,535	23,048
Covington	93,109	69,661	23,448
Crenshaw	115,045	79,541	35,504
Cullman	49,049	38,177	10,872
Dale	59,943	43,105	16,838
Dallas	87,690	54,743	32,947
De Kalb	28,969	16,649	12,320
Elmore	30,682	25,219	5,463
Escambia	123,341	81,610	41,731
Etowah	17,797	16,934	863
Fayette	43,244	36,388	6,856
Franklin	34,853	23,719	11,134
Geneva	48,224	38,894	9,330
Greene	31,408	18,879	12,529
Hale	39,411	18,457	20,954
Henry	50,628	39,212	11,416
Houston	39,098	34,642	4,456
Jackson	29,811	3,166	26,645
Jefferson	43,032	36,439	6,593
Lamar	45,300	40,662	4,638
Lauderdale	7,585	4,103	3,482
Lawrence	14,261	8,040	6,221
Lee	101,647	93,482	8,165
Limestone	3,527	2,312	1,215
Lowndes	71,730	45,975	25,755
Macon	63,708	54,094	9,614
Madison	1,223	967	256
Marengo	156,488	81,849	74,639
Marion	81,229	48,532	32,697
Marshall	27,947	15,102	12,845
Mobile	47,441	35,143	12,298
Monroe	122,259	63,938	58,321
Montgomery	57,142	44,842	12,300
Morgan	8,026	3,082	4,944
Perry	57,014	35,069	21,945
Pickens	92,344	52,630	39,714
Pike	117,486	95,707	21,779
Randolph	68,182	55,650	12,532
Russell	53,329	40,795	12,534
St. Clair	74,392	64,802	9,590
Shelby	54,994	49,414	5,580
Sumter	13,447	7,666	5,781
Talledega	66,230	61,074	5,156
Tallapoosa	160,668	135,957	24,711
Tuscaloosa	38,178	23,897	14,281
Walker	95,815	81,339	14,476
Washington	117,945	58,217	59,728
Wilcox	85,730	44,198	41,532
Winston	69,657	58,197	11,460
All counties	4,793,643	3,392,969	1,400,674

Table 8.--Round pulpwood production in Arkansas, 1977

County[1/]	All species	Softwood	Hardwood
	- - - - Standard cords - - - -		
Arkansas	246	202	44
Ashley	209,270	96,946	112,324
Boone	1	0	1
Bradley	16,831	16,174	657
Calhoun	51,724	42,969	8,755
Chicot	8,742	3	8,739
Clark	53,875	38,965	14,910
Cleburne	18,411	14,682	3,729
Cleveland	86,342	57,013	29,329
Columbia	132,660	111,220	21,440
Conway	11,344	7,706	3,638
Crawford	3	0	3
Crittenden	1,562	0	1,562
Dallas	63,488	42,380	21,108
Desha	8,083	17	8,066
Drew	117,285	43,013	74,272
Faulkner	1,319	1,166	153
Franklin	2,553	2,153	400
Fulton	4	4	0
Garland	69,473	63,775	5,698
Grant	111,351	60,041	51,310
Greene	5	5	0
Hempstead	64,134	44,309	19,825
Hot Spring	41,270	27,537	13,733
Howard	166,270	124,323	41,947
Independence	7,923	6,297	1,626
Izard	252	234	18
Jackson	76	53	23
Jefferson	39,752	27,850	11,902
Johnson	6,386	4,000	2,386
Lafayette	50,131	36,191	13,940
Lee	920	920	0
Lincoln	80,193	38,519	41,674
Little River	95,787	59,283	36,504
Logan	13,027	9,578	3,449
Miller	43,443	26,702	16,741
Monroe	16	6	10
Montgomery	16,542	13,793	2,749
Nevada	97,937	78,689	19,248
Newton	42	36	6
Ouachita	40,563	24,118	16,445
Perry	4,130	2,350	1,780
Phillips	688	0	688
Pike	107,167	86,108	21,059
Polk	36,811	18,935	17,876
Pope	19,727	12,223	7,504
Prairie	24	0	24
Pulaski	51,004	23,125	27,879
Saline	68,912	44,042	24,870
Scott	25,987	20,871	5,116
Searcy	118	118	0
Sebastian	1,677	1,547	130
Sevier	34,697	19,894	14,803
Sharp	33	26	7
Stone	2,004	1,336	668
Union	89,611	67,540	22,071
Van Buren	9,008	6,423	2,585
White	10,779	7,934	2,845
Yell	28,583	21,259	7,324
All counties	2,220,196	1,454,603	765,593

1/ Counties with no pulpwood production are omitted.

Table 9.--Round pulpwood production in Florida, 1977

County[1/]	All species	Softwood	Hardwood
	- - - - Standard cords - - - -		
Alachua	81,902	74,944	6,958
Baker	79,586	79,318	268
Bay	43,869	43,548	321
Bradford	95,019	92,239	2,780
Brevard	225	225	0
Broward	96	96	0
Calhoun	68,114	66,358	1,756
Charlotte	981	981	0
Citrus	638	494	144
Clay	60,578	57,758	2,820
Collier	5,562	5,562	0
Columbia	117,155	105,821	11,334
De Soto	18	18	0
Dixie	78,740	58,615	20,125
Duval	55,507	50,208	5,299
Escambia	64,145	63,319	826
Flagler	30,767	21,767	9,000
Franklin	44,660	44,650	10
Gadsden	41,991	31,373	10,618
Gilchrist	54,691	52,292	2,399
Glades	5,810	5,786	24
Gulf	16,322	16,141	181
Hamilton	51,545	47,722	3,823
Hardee	6,049	5,549	500
Hendry	15,083	15,083	0
Hernando	6,706	5,871	835
Highlands	601	601	0
Hillsborough	3,849	3,849	0
Holmes	43,784	38,543	5,241
Jackson	126,967	116,439	10,528
Jefferson	57,319	55,844	1,475
Lafayette	37,309	33,190	4,119
Lake	2,860	2,860	0
Lee	5,980	5,980	0
Leon	29,535	24,959	4,576
Levy	161,854	90,513	71,341
Liberty	44,486	42,704	1,782
Madison	105,700	85,278	20,422
Manatee	6,473	6,473	0
Marion	89,312	76,649	12,663
Nassau	148,233	139,822	8,411
Okaloosa	25,908	24,297	1,611
Okeechobee	1,237	1,237	0
Orange	5,104	5,104	0
Osceola	15,179	15,179	0
Pasco	2,790	2,379	411
Polk	16,197	16,161	36
Putnam	54,763	44,130	10,633
St. Johns	131,946	113,707	18,239
Santa Rosa	67,764	67,335	429
Sarasota	3,871	3,871	0
Sumter	11,295	10,967	328
Suwannee	103,254	95,776	7,478
Taylor	186,921	180,339	6,582
Union	52,741	52,704	37
Volusia	46,034	44,934	1,100
Wakulla	27,519	27,493	26
Walton	107,134	93,202	13,932
Washington	49,674	45,417	4,257
All counties	2,799,352	2,513,674	285,678

1/ Counties with no pulpwood production are omitted.

Table 10.--Round pulpwood production in Georgia, 1977

County[1/]	All species	Softwood	Hardwood
	- - - - Standard cords - - - -		
Appling	84,254	79,488	4,766
Atkinson	80,583	79,796	787
Bacon	61,652	61,615	37
Baker	26,350	26,093	257
Baldwin	29,325	23,535	5,790
Banks	9,610	9,543	67
Barrow	23,215	22,561	654
Bartow	37,960	36,305	1,655
Ben Hill	70,961	65,626	5,335
Berrien	40,192	39,983	209
Bibb	8,153	6,866	1,287
Bleckley	19,152	15,951	3,201
Brantley	58,663	57,082	1,581
Brooks	43,499	40,992	2,507
Bryan	38,018	36,561	1,457
Bulloch	31,434	31,021	413
Burke	123,023	96,863	26,160
Butts	55,263	46,529	8,734
Calhoun	24,155	21,903	2,252
Camden	128,559	94,534	34,025
Candler	17,022	15,051	1,971
Carroll	57,620	52,302	5,318
Catoosa	6,155	3,993	2,162
Charlton	59,375	55,475	3,900
Chatham	12,482	8,842	3,640
Chattahoochee	18,781	15,485	3,296
Chattooga	33,894	28,604	5,290
Cherokee	33,985	31,456	2,529
Clarke	6,478	6,058	420
Clay	38,840	32,424	6,416
Clayton	17	0	17
Clinch	65,749	65,615	134
Cobb	10,103	10,096	7
Coffee	87,502	80,711	6,791
Colquitt	24,361	23,631	730
Columbia	26,657	23,189	3,468
Cook	6,406	6,406	0
Coweta	56,777	53,683	3,094
Crawford	87,022	69,959	17,063
Crisp	14,871	14,542	329
Dade	104	104	0
Dawson	7,546	6,953	593
Decatur	94,812	72,486	22,326
De Kalb	1,154	1,154	0
Dodge	97,304	81,738	15,566
Dooly	43,848	40,569	3,279
Dougherty	32,682	30,530	2,152
Douglas	17,156	16,399	757
Early	41,314	37,464	3,850
Echols	54,345	51,238	3,107
Effingham	27,489	26,024	1,465
Elbert	39,905	34,589	5,316
Emanual	52,273	51,536	737
Evans	17,294	15,146	2,148
Fannin	19,617	11,476	8,141
Fayette	12,610	12,027	583
Floyd	50,067	44,234	5,833
Forsyth	9,394	8,918	476
Franklin	40,625	25,852	14,773
Fulton	17,434	16,128	1,306
Gilmer	15,581	12,189	3,392
Glascock	3,038	2,728	310
Glynn	57,977	50,059	7,918
Gordon	37,126	35,543	1,583
Grady	26,361	25,511	850
Greene	35,740	26,963	8,777
Gwinnett	23,938	22,680	1,258
Habersham	4,331	3,018	1,313
Hall	17,977	17,820	157
Hancock	55,431	45,739	9,692
Haralson	33,348	29,387	3,961
Harris	46,682	43,775	2,907
Hart	1,112	1,112	0
Heard	19,847	18,840	1,007
Henry	29,056	25,907	3,149
Houston	48,496	39,056	9,440
Irwin	5,848	5,848	0
Jackson	29,630	28,810	820
Jasper	38,844	37,563	1,281
Jeff Davis	46,601	27,326	19,275
Jefferson	48,592	45,166	3,426
Jenkins	54,223	52,711	1,512
Johnson	24,175	22,528	1,647
Jones	32,032	29,534	2,498
Lamar	12,860	12,391	469
Lanier	18,679	18,616	63
Laurens	129,236	102,851	26,385
Lee	20,584	19,080	1,504
Liberty	64,955	55,665	9,290
Lincoln	56,431	34,734	21,697
Long	58,413	53,821	4,592
Lowndes	27,177	25,586	1,591
Lumpkin	5,352	4,996	356
McDuffie	9,270	8,420	850
McIntosh	45,586	43,290	2,296
Macon	37,806	23,964	13,842
Madison	19,875	18,574	1,301
Marion	39,863	34,554	5,309
Meriwether	83,472	76,136	7,336
Miller	12,504	9,913	2,591
Mitchell	42,480	40,997	1,483
Monroe	40,462	36,162	4,300
Montgomery	26,296	26,077	219
Morgan	28,810	27,860	950
Murray	18,574	16,385	2,189
Muscogee	2,872	2,729	143

Table 10.--Round pulpwood production in Georgia, 1977 (continued)

County 1/	All species	Softwood	Hardwood
	- - - - Standard cords - - - -		
Newton	15,352	15,352	0
Oconee	22,462	21,987	475
Oglethorpe	56,447	37,659	18,788
Paulding	24,532	22,230	2,302
Peach	2,052	2,052	0
Pickens	20,643	17,710	2,933
Pierce	40,018	39,047	971
Pike	32,420	31,551	869
Polk	37,976	34,838	3,138
Pulaski	32,702	31,658	1,044
Putnam	43,842	39,107	4,735
Quitman	37,167	32,747	4,420
Rabun	13,966	5,775	8,191
Randolph	91,511	60,705	30,806
Richmond	17,804	16,854	950
Schley	24,100	21,806	2,294
Screven	32,246	29,746	2,500
Seminole	12,465	9,166	3,299
Spalding	12,128	12,128	0
Stephens	14,172	9,977	4,195
Stewart	94,950	80,735	14,215
Sumter	20,992	19,748	1,244
Talbot	62,276	54,532	7,744
Taliaferro	22,980	18,792	4,188
Tattnall	61,031	54,285	6,746
Taylor	20,180	19,586	594
Telfair	52,989	46,055	6,934
Terrell	27,952	25,451	2,501
Thomas	62,962	50,454	12,508
Tift	19,494	13,194	6,300
Toombs	49,467	45,227	4,240
Towns	1,610	1,425	185
Treutlen	35,417	32,854	2,563
Troup	72,758	69,582	3,176
Turner	15,335	13,751	1,584
Twiggs	28,545	24,870	3,675
Union	15,790	9,697	6,093
Upson	32,903	30,431	2,472
Walker	16,013	14,869	1,144
Walton	27,142	22,364	4,778
Ware	139,280	137,823	1,457
Warren	52,272	48,880	3,392
Washington	54,610	46,591	8,019
Wayne	111,499	99,524	11,975
Webster	15,231	14,426	805
Wheeler	54,248	52,890	1,358
White	848	848	0
Whitfield	29,882	26,580	3,302
Wilcox	38,692	35,624	3,068
Wilkes	47,737	34,996	12,741
Wilkinson	39,152	30,821	8,331
Worth	49,396	46,601	2,795
All counties	5,830,272	5,133,149	697,123

1/ Counties with no pulpwood production are omitted.

Table 11.--Round pulpwood production in Louisiana, 1977

Parish[1/]	All species	Softwood	Hardwood
	- - - - Standard cords - - - -		
Acadia	3,370	3,033	337
Allen	44,451	32,390	12,061
Ascension	558	4	554
Assumption	113	0	113
Avoyelles	18,849	3,118	15,731
Beauregard	144,878	135,890	8,988
Bienville	149,687	123,723	25,964
Bossier	98,917	78,796	20,121
Caddo	43,970	27,236	16,734
Calcasieu	9,164	8,861	303
Caldwell	47,283	26,995	20,288
Cameron	322	313	9
Catahoula	41,462	11,421	30,041
Claiborne	101,319	79,214	22,105
Concordia	51,257	0	51,257
De Soto	102,977	87,983	14,994
East Baton Rouge	6,883	3,807	3,076
East Carroll	9,253	0	9,253
East Feliciana	30,142	20,311	9,831
Evangeline	18,202	17,336	866
Franklin	7,248	798	6,450
Grant	85,200	65,106	20,094
Iberia	62	0	62
Iberville	308	0	308
Jackson	66,788	51,539	15,249
Jefferson Davis	11,439	10,237	1,202
La Salle	91,537	74,563	16,974
Lincoln	120,368	94,734	25,634
Livingston	83,478	64,705	18,773
Madison	15,946	6	15,940
Morehouse	37,843	20,485	17,358
Natchitoches	94,180	84,442	9,738
Ouachita	60,529	35,661	24,868
Pointe Coupee	18,348	0	18,348
Rapides	163,721	137,100	26,621
Red River	35,396	23,634	11,762
Richland	4,334	126	4,208
Sabine	137,029	125,186	11,843
St. Helena	75,912	67,209	8,703
St. James	1,795	11	1,784
St. Landry	8,019	8	8,011
St. Martin	736	8	728
St. Mary	22	12	10
St. Tammany	43,549	41,051	2,498
Tangipahoa	48,242	40,451	7,791
Tensas	60,800	12	60,788
Union	155,229	108,862	46,367
Vermilion	45	32	13
Vernon	147,954	140,250	7,704
Washington	72,654	65,836	6,818
Webster	62,450	52,878	9,572
West Baton Rouge	591	8	583
West Carroll	1,635	580	1,055
West Feliciana	10,850	3,629	7,221
Winn	82,823	57,449	25,374
All parishes	2,730,117	2,027,039	703,078

1/ Parishes with no pulpwood production are omitted.

Table 12.--Round pulpwood production in Mississippi, 1977

County[1/]	All species	Softwood	Hardwood
	- - - - Standard cords - - - -		
Adams	21,376	490	20,886
Alcorn	12,945	10,678	2,267
Amite	79,182	56,590	22,592
Attala	114,481	83,948	30,533
Benton	22,362	15,731	6,631
Bolivar	2,309	0	2,309
Calhoun	32,224	5,798	26,426
Carroll	36,597	21,912	14,685
Chickasaw	20,511	20,261	250
Choctaw	60,190	47,824	12,366
Claiborne	36,546	10,607	25,939
Clarke	117,065	74,561	42,504
Clay	11,089	10,898	191
Coahoma	29	4	25
Copiah	97,127	70,146	26,981
Covington	44,828	28,304	16,524
Forrest	37,564	27,598	9,966
Franklin	50,353	29,293	21,060
George	28,529	19,498	9,031
Greene	87,887	49,577	38,310
Grenada	12,708	10,368	2,340
Hancock	24,017	23,056	961
Harrison	25,406	23,150	2,256
Hinds	45,798	18,373	27,425
Holmes	51,946	30,553	21,393
Humphreys	101	48	53
Issaquena	33,026	25	33,001
Itawamba	39,196	30,937	8,259
Jackson	19,027	16,655	2,372
Jasper	69,350	40,052	29,298
Jefferson	52,762	19,695	33,067
Jefferson Davis	35,813	31,493	4,320
Jones	38,442	21,779	16,663
Kemper	101,471	60,778	40,693
Lafayette	19,054	11,573	7,481
Lamar	45,063	35,454	9,609
Lauderdale	92,984	54,618	38,366
Lawrence	79,506	65,146	14,360
Leake	85,792	60,075	25,717
Lee	8,642	7,441	1,201
Leflore	2,071	464	1,607
Lincoln	85,996	67,577	18,419
Lowndes	3,718	1,811	1,907
Madison	27,166	19,471	7,695
Marion	65,309	47,424	17,885
Marshall	72,131	67,279	4,852
Monroe	23,777	23,607	170
Montgomery	30,686	20,490	10,196
Neshoba	86,231	52,203	34,028
Newton	80,332	52,229	28,103
Noxubee	42,360	23,900	18,460
Oktibbeha	25,812	19,272	6,540
Panola	10,985	6,465	4,520
Pearl River	58,939	49,591	9,348
Perry	66,595	51,671	14,924
Pike	88,665	70,399	18,266
Pontotoc	29,313	27,019	2,294
Prentiss	29,147	24,843	4,304
Quitman	20	9	11
Rankin	90,517	69,972	20,545
Scott	56,778	46,206	10,572
Sharkey	255	11	244
Simpson	92,679	72,161	20,518
Smith	43,943	37,681	6,262
Stone	43,876	29,273	14,603
Sunflower	20	16	4
Tallahatchie	1,774	539	1,235
Tate	177	155	22
Tippah	32,027	29,149	2,878
Tishomingo	30,314	24,164	6,150
Tunica	10,207	3	10,204
Union	14,130	12,563	1,567
Walthall	42,024	24,294	17,730
Warren	25,695	563	25,132
Washington	16,792	5	16,787
Wayne	73,817	39,611	34,206
Webster	47,106	46,419	687
Wilkinson	63,662	11,890	51,772
Winston	69,321	49,362	19,959
Yalobusha	14,859	10,426	4,433
Yazoo	18,892	1,548	17,344
All counties	3,411,416	2,276,722	1,134,694

1/ Counties with no pulpwood production are omitted.

Table 13.--Round pulpwood production in North Carolina, 1977

County[1/]	All species	Softwood	Hardwood
	- - - - Standard cords - - - -		
Alamance	8,581	1,378	7,203
Alexander	10,753	5,786	4,967
Alleghany	1,416	138	1,278
Anson	87,603	59,073	28,530
Ashe	805	33	772
Avery	1,090	57	1,033
Beaufort	54,954	29,837	25,117
Bertie	63,262	22,472	40,790
Bladen	66,827	38,350	28,477
Brunswick	71,628	51,238	20,390
Buncombe	22,712	8,263	14,449
Burke	47,410	18,577	28,833
Cabarrus	10,036	6,160	3,876
Caldwell	13,294	3,176	10,118
Camden	4,264	2,696	1,568
Carteret	25,711	18,905	6,806
Caswell	11,255	30	11,225
Catawba	8,950	7,583	1,367
Chatham	85,362	53,331	32,031
Cherokee	27,300	14,295	13,005
Chowan	16,086	4,630	11,456
Clay	5,815	4,670	1,145
Cleveland	20,556	16,038	4,518
Columbus	64,219	33,647	30,572
Craven	243,249	183,262	59,987
Cumberland	34,046	25,635	8,411
Currituck	4,681	331	4,350
Dare	7,493	7,464	29
Davidson	18,302	11,032	7,270
Davie	2,744	1,416	1,328
Duplin	99,639	77,060	22,579
Durham	31,489	19,662	11,827
Edgecombe	23,854	13,628	10,226
Forsyth	8,934	6,694	2,240
Franklin	68,555	46,668	21,887
Gaston	26,796	18,060	8,736
Gates	17,494	7,656	9,838
Graham	2,393	751	1,642
Granville	56,375	36,347	20,028
Greene	9,867	4,537	5,330
Guilford	8,256	4,443	3,813
Halifax	41,290	23,444	17,846
Harnett	14,000	7,092	6,908
Haywood	6,687	487	6,200
Henderson	8,535	2,323	6,212
Hertford	30,472	11,744	18,728
Hoke	19,643	17,160	2,483
Hyde	11,321	9,541	1,780
Iredell	29,274	22,151	7,123
Jackson	8,172	484	7,688
Johnston	38,289	8,380	29,909
Jones	30,687	22,861	7,826
Lee	17,120	12,093	5,027
Lenoir	24,301	19,473	4,828
Lincoln	28,603	24,823	3,780
McDowell	11,857	7,160	4,697
Madison	4,399	1,086	3,313
Martin	62,979	53,743	9,236
Mecklenburg	8,519	6,873	1,646
Mitchell	218	11	207
Montgomery	22,655	10,761	11,894
Moore	45,265	30,297	14,968
Nash	31,988	12,950	19,038
New Hanover	7,807	5,546	2,261
Northampton	37,429	13,252	24,177
Onslow	35,917	32,844	3,073
Orange	10,091	4,077	6,014
Pamlico	24,485	16,271	8,214
Pasquotank	14,318	6,682	7,636
Pender	49,084	36,069	13,015
Perquimans	17,522	5,583	11,939
Person	18,857	9,580	9,277
Pitt	27,899	12,891	15,008
Polk	23,920	10,546	13,374
Randolph	8,097	4,863	3,234
Richmond	30,797	17,859	12,938
Robeson	40,755	28,724	12,031
Rockingham	7,197	3,270	3,927
Rowan	7,905	5,400	2,505
Rutherford	59,660	34,990	24,670
Sampson	90,037	59,894	30,143
Scotland	12,906	10,559	2,347
Stanly	19,246	12,040	7,206
Stokes	4,948	2,099	2,849
Surry	2,134	1,152	982
Swain	4,358	2,997	1,361
Transylvania	12,599	225	12,374
Tyrrell	12,717	10,463	2,254
Union	36,479	26,367	10,112
Vance	5,496	2,737	2,759
Wake	69,997	43,562	26,435
Warren	36,461	25,952	10,509
Washington	24,763	13,732	11,031
Watauga	490	3	487
Wayne	16,969	6,468	10,501
Wilkes	29,554	8,189	21,365
Wilson	55,032	30,321	24,711
Yadkin	10,006	5,460	4,546
Yancey	1,554	61	1,493
All counties	2,757,816	1,680,674	1,077,142

1/ Counties with no pulpwood production are omitted.

Table 14.--Round pulpwood production in Oklahoma, 1977

County 1/	All species	Softwood	Hardwood
	- - - - Standard cords - - - -		
Choctaw	1,676	442	1,234
Latimer	586	586	0
Le Flore	49,384	38,748	10,636
Lincoln	1,234	0	1,234
McCurtain	174,260	127,265	46,995
Mayes	3,767	0	3,767
Okfuskee	514	0	514
Pushmataha	97,409	64,520	32,889
Wagoner	801	0	801
All counties	329,631	231,561	98,070

1/ Counties with no pulpwood production are omitted.

Table 15.--Round pulpwood production in South Carolina, 1977

County	All species	Softwood	Hardwood
	- - - - Standard cords - - - -		
Abbeville	111,978	79,515	32,463
Aiken	57,313	51,752	5,561
Allendale	27,664	24,322	3,342
Anderson	81,268	65,912	15,356
Bamberg	33,307	30,753	2,554
Barnwell	56,722	55,876	846
Beaufort	12,528	10,161	2,367
Berkeley	41,945	33,458	8,487
Calhoun	5,944	5,112	832
Charleston	27,540	17,740	9,800
Cherokee	23,030	17,861	5,169
Chester	116,491	100,777	15,714
Chesterfield	110,531	85,802	24,729
Clarendon	43,402	40,880	2,522
Colleton	75,989	36,537	39,452
Darlington	24,634	12,364	12,270
Dillon	32,118	25,919	6,199
Dorchester	30,200	9,500	20,700
Edgefield	83,365	67,428	15,937
Fairfield	134,854	107,974	26,880
Florence	27,952	14,769	13,183
Georgetown	75,422	58,749	16,673
Greenville	20,125	16,500	3,625
Greenwood	113,526	63,685	49,841
Hampton	47,825	29,202	18,623
Horry	86,559	59,712	26,847
Jasper	52,137	41,684	10,453
Kershaw	125,334	84,908	40,426
Lancaster	62,568	49,430	13,138
Laurens	67,748	55,145	12,603
Lee	15,617	10,685	4,932
Lexington	38,138	34,149	3,989
McCormick	103,789	88,399	15,390
Marion	22,748	9,775	12,973
Marlboro	45,179	21,359	23,820
Newberry	99,165	69,919	29,246
Oconee	33,439	19,065	14,374
Orangeburg	100,410	40,071	60,339
Pickens	22,971	13,959	9,012
Richland	62,454	53,893	8,561
Saluda	24,388	17,375	7,013
Spartanburg	63,973	52,528	11,445
Sumter	26,938	19,493	7,445
Union	85,989	64,490	21,499
Williamsburg	50,405	33,034	17,371
York	77,556	61,368	16,188
All counties	2,683,178	1,962,989	720,189

Table 16 --Round pulpwood production in Tennessee, 1977

County[1/]	All species	Softwood	Hardwood
	- - - - Standard cords - - - -		
Anderson	3,233	2,306	927
Benton	22,231	4,849	17,382
Bledsoe	5,416	4,815	601
Blount	11,634	9,858	1,776
Bradley	19,138	17,629	1,509
Campbell	625	0	625
Carroll	3,152	4	3,148
Carter	4,481	232	4,249
Chester	1,437	1,227	210
Claiborne	2,295	119	2,176
Clay	33	0	33
Cocke	9,979	3,010	6,969
Coffee	3,287	3,287	0
Cumberland	13,611	7,496	6,115
Decatur	2,601	720	1,881
Dickson	5,468	0	5,468
Dyer	84	0	84
Fentress	6,802	3,480	3,322
Franklin	7,871	0	7,871
Gibson	442	0	442
Giles	6,700	6,065	635
Grainger	1,485	0	1,485
Greene	7,094	497	6,597
Grundy	34,022	5,257	28,765
Hamblen	990	0	990
Hamilton	7,977	5,816	2,161
Hancock	3,621	201	3,420
Hardeman	4,688	4,006	682
Hardin	18,705	15,782	2,923
Hawkins	1,312	68	1,244
Henry	3,114	71	3,043
Hickman	1,585	0	1,585
Houston	6,763	0	6,763
Humphreys	23,384	0	23,384
Jefferson	100	87	13
Johnson	3,388	175	3,213
Knox	7,537	6,297	1,240
Lauderdale	293	6	287
Lawrence	8,509	3,338	5,171
Lewis	2,636	2,620	16
Loudon	2,770	1,897	873
McMinn	25,672	22,803	2,869
McNairy	9,688	7,921	1,767
Macon	1,491	0	1,491
Madison	104	104	0
Marion	4,509	0	4,509
Meigs	11,065	6,177	4,888
Monroe	18,695	15,442	3,253
Morgan	12,267	6,024	6,243
Obion	610	0	610
Perry	7,377	597	6,780
Pickett	2,674	0	2,674
Polk	9,669	7,250	2,419
Putnam	6,848	0	6,848
Rhea	12,310	6,888	5,422
Roane	14,844	10,989	3,855
Scott	4,943	3,552	1,391
Sequatchie	1,479	858	621
Sevier	162	118	44
Stewart	1,319	0	1,319
Sullivan	1,312	68	1,244
Unicoi	1,530	79	1,451
Warren	491	491	0
Wayne	46,165	13,215	32,950
Weakley	2,763	93	2,670
White	2,418	0	2,418
All counties	470,898	213,884	257,014

1/ Counties with no pulpwood production are omitted.

Table 17.--Round pulpwood production in Texas, 1977

County 1/	All species	Softwood	Hardwood
	- - - - Standard cords - - - -		
Anderson	26,629	26,261	368
Angelina	93,049	80,981	12,068
Bowie	28,361	17,221	11,140
Camp	17,652	16,431	1,221
Cass	120,363	89,150	31,213
Chambers	209	209	0
Cherokee	99,650	93,822	5,828
Franklin	1,210	1,045	165
Gregg	38,905	37,052	1,853
Grimes	7,340	7,340	0
Hardin	92,318	64,980	27,338
Harris	2,043	1,021	1,022
Harrison	62,845	50,599	12,246
Henderson	4,085	2,929	1,156
Hopkins	7	7	0
Houston	88,743	75,414	13,329
Jasper	126,886	96,568	30,318
Jefferson	6,254	3,430	2,824
Liberty	46,205	37,845	8,360
Madison	7,196	7,196	0
Marion	100,459	75,673	24,786
Montgomery	38,526	31,871	6,655
Morris	42,027	32,840	9,187
Nacogdoches	94,983	81,833	13,150
Newton	142,141	99,153	42,988
Orange	10,520	8,743	1,777
Panola	57,150	49,407	7,743
Polk	133,639	109,671	23,968
Red River	14,409	8,531	5,878
Rusk	71,930	58,945	12,985
Sabine	30,502	24,362	6,140
San Augustine	91,602	73,820	17,782
San Jacinto	28,546	26,209	2,337
Shelby	139,356	123,082	16,274
Smith	52,865	52,665	200
Titus	7,247	7,024	223
Trinity	171,628	167,021	4,607
Tyler	124,502	96,902	27,600
Upshur	63,186	60,858	2,328
Van Zandt	11	11	0
Walker	35,124	28,215	6,909
Waller	154	0	154
Wood	19,812	17,985	1,827
All counties	2,340,269	1,944,322	395,947

1/ Counties with no pulpwood production are omitted.

Table 18.--Round pulpwood production in Virginia, 1977

County[1/]	All species	Softwood	Hardwood
	- - - - Standard cords - - - -		
Accomack	13,382	13,366	16
Albemarle	37,615	16,415	21,200
Alleghany	15,893	2,056	13,837
Amelia	28,854	13,606	15,248
Amherst	42,213	10,028	32,185
Appomattox	59,861	30,428	29,433
Arlington	4,569	24	4,545
Augusta	13,441	4,108	9,333
Bath	22,230	2,786	19,444
Bedford	39,687	7,495	32,192
Bland	6	4	2
Botetourt	23,209	3,494	19,715
Brunswick	55,502	36,421	19,081
Buchanan	83	73	10
Buckingham	127,644	55,271	72,373
Campbell	54,564	30,787	23,777
Caroline	26,003	15,875	10,128
Carroll	20	14	6
Charles City	19,045	10,281	8,764
Charlotte	34,783	20,125	14,658
Chesapeake	18,570	5,059	13,511
Chesterfield	19,324	10,852	8,472
Clarke	415	5	410
Craig	14,445	2,299	12,146
Culpeper	3,170	3,022	148
Cumberland	40,389	29,000	11,389
Dinwiddie	34,374	13,128	21,246
Essex	15,758	12,948	2,810
Fairfax	20	11	9
Fauquier	9,851	9,453	398
Floyd	5,450	45	5,405
Fluvanna	25,501	17,156	8,345
Franklin	28,659	14,474	14,185
Frederick	8,206	6,586	1,620
Giles	9	3	6
Gloucester	6,741	5,287	1,454
Goochland	21,096	16,562	4,534
Grayson	9	9	0
Greene	1,304	965	339
Greensville	23,791	11,747	12,044
Halifax	29,718	14,456	15,262
Hanover	18,533	11,327	7,206
Henrico	3,483	2,014	1,469
Henry	25,061	15,098	9,963
Highland	5,029	188	4,841
Isle of Wight	17,859	5,596	12,263
James City	7,704	4,490	3,214
King and Queen	34,674	23,925	10,749
King George	4,666	4,172	494
King William	15,353	8,820	6,533
Lancaster	2,745	2,603	142
Lee	5,124	270	4,854
Loudoun	8	0	8
Louisa	20,413	14,659	5,754
Lunenburg	52,361	14,910	37,451
Madison	41	17	24
Mathews	4,602	2,539	2,063
Mecklenburg	39,375	26,584	12,791
Middlesex	5,457	3,606	1,851
Montgomery	513	29	484
Nelson	67,702	24,157	43,545
New Kent	14,482	8,499	5,983
Newport News	80	80	0
Northampton	4,086	1,570	2,516
Northumberland	943	886	57
Nottoway	30,827	20,506	10,321
Orange	7,663	3,190	4,473
Page	35	25	10
Patrick	2,360	1,533	827
Pittsylvania	56,974	39,070	17,904
Powhatan	5,736	2,987	2,749
Prince Edward	43,135	29,934	13,201
Prince George	35,728	11,990	23,738
Prince William	6,947	5,478	1,469
Pulaski	970	37	933
Rappahannock	38	38	0
Richmond	4,662	4,129	533
Roanoke	2,017	199	1,818
Rockbridge	33,805	6,781	27,024
Rockingham	6,674	1,787	4,887
Scott	2,952	153	2,799
Shenandoah	3,512	2,238	1,274
Smyth	3,813	198	3,615
Southampton	33,368	14,938	18,430
Spotsylvania	20,405	15,724	4,681
Stafford	8,083	1,983	6,100
Suffolk	21,965	7,622	14,343
Surry	14,907	4,574	10,333
Sussex	30,816	18,765	12,051
Virginia Beach	1,573	509	1,064
Warren	9,440	4,299	5,141
Washington	4,248	221	4,027
Westmoreland	2,534	2,445	89
Wise	3,812	198	3,614
Wythe	2,614	136	2,478
York	2,938	2,208	730
All counties	1,680,249	825,658	854,591

1/ Counties with no pulpwood production are omitted.

Southern pulpmills in 1977, and those under construction. Numbers at mill locations correspond to numbers in tables 19 and 21.

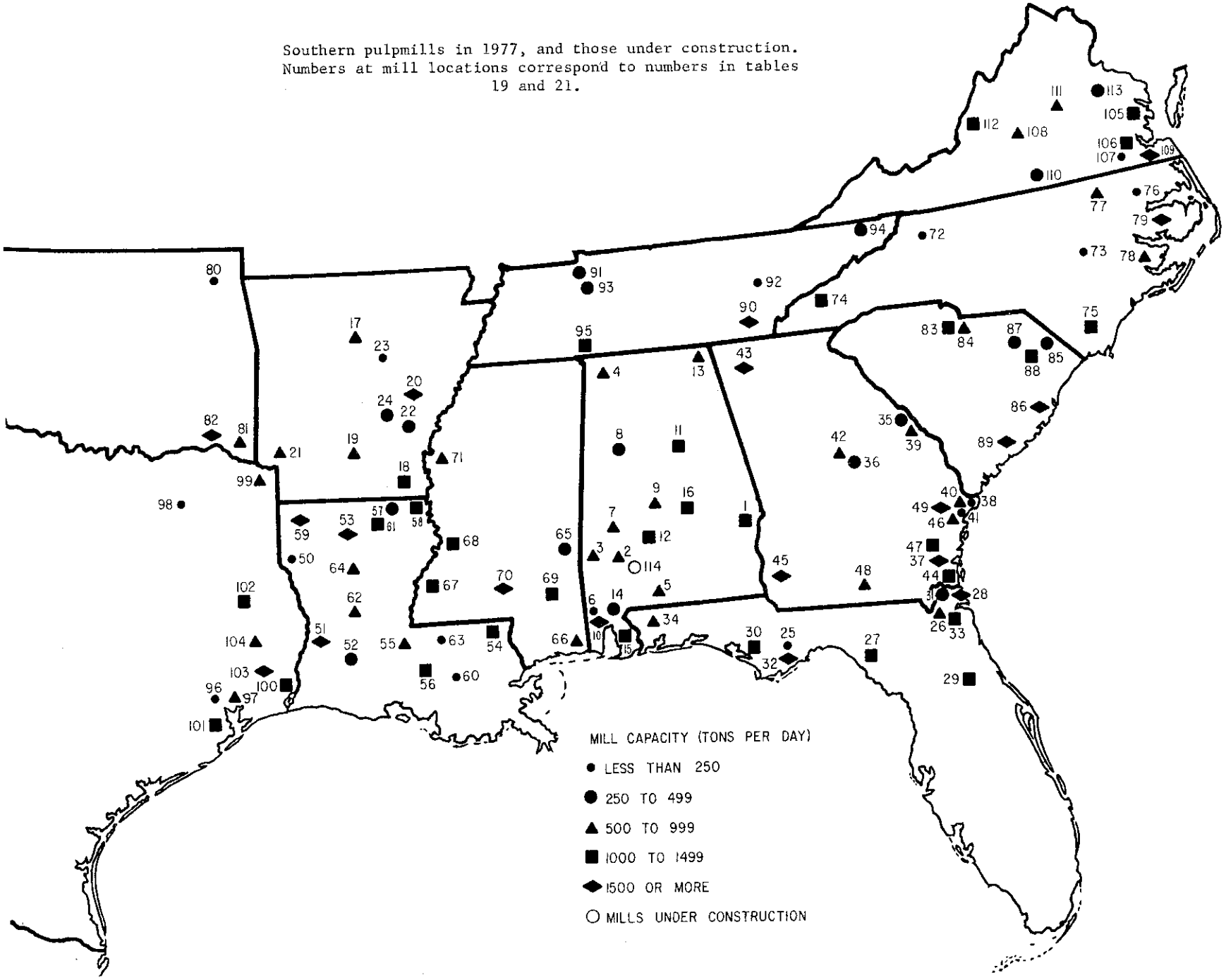


Table 19.--Southern pulpmills, by process and capacity, 1977

Location	Map code[1/]	Company	Pulping capacity, 24 hours[2/]				
			All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfit
			Tons				
ALABAMA							
Mahrt	(1)	Alabama Kraft Co.	1,000	1,000	--	--	--
Jackson	(2)	Allied Paper Inc.	600	600	--	--	--
Naheola	(3)	American Can Co.	900	900	--	--	--
Courtland	(4)	Champion International Corp.	600	600	--	--	--
Brewton	(5)	Container Corp. of America	800	800	--	--	--
Mobile	(6)	GAF Corp.	50	--	50	--	--
Demopolis	(7)	Gulf States Paper Corp.	500	500	--	--	--
Tuscaloosa	(8)	Gulf States Paper Corp.	450	450	--	--	--
Riverdale	(9)	Hammermill Paper Co.	530	530	--	--	--
Mobile	(10)	International Paper Co.	1,500	1,200	300	--	--
Coosa Pines	(11)	Kimberly-Clark Corp.	1,425	485	940	--	--
Pine Hill	(12)	McMillan Bloedel Inc.	1,100	1,100	--	--	--
Stevenson	(13)	Mead Paperboard	650	--	--	650	--
Mobile	(14)	National Gypsum Co.	375	--	200	175	--
Mobile	(15)	Scott Paper Co.	1,400	1,400	--	--	--
Montgomery	(16)	Union Camp Corp.	1,000	1,000	--	--	--
		Total	12,880	10,565	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.	550	550	--	--	--
McGehee	(22)	Potlatch Corp.	450	450	--	--	--
Little Rock	(23)	Superwood Corp.	140	--	140	--	--
Pine Bluff	(24)	Weyerhaeuser Co.	250	250	--	--	--
		Total	6,050	5,510	540	--	--
FLORIDA							
Blountstown	(25)	Abitibi Corp.	200	--	200	--	--
Jacksonville	(26)	Alton Box Board Co.	625	625	--	--	--
Foley	(27)	The Buckeye Cellulose Corp.	1,000	1,000	--	--	--
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	10,390	9,790	200	--	400
GEORGIA							
Augusta	(35)	Abitibi Southern Corp.	375	--	375	--	--
Macon	(36)	Armstrong Cork Co.	400	--	400	--	--
Brunswick	(37)	Brunswick Pulp and Paper Co.	1,640	1,640	--	--	--
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.	2,025	1,700	--	325	--
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	15,234	13,606	823	805	--

continu

Table 19.--Southern pulpmills, by process and capacity, 1977 (Continued)

Location	Map code[1/]	Company	Pulping capacity, 24 hours[2/]				
			All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfite
			Tons				
LOUISIANA							
Shreveport	(50)	Bird and Son, Inc.	225	--	--	225	--
DeRidder	(51)	Boise Southern Co.	1,500	1,050	450	--	--
Elizabeth	(52)	Calkraft 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.	500	500	--	--	--
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.	1,400	1,150	--	250	--
Pineville	(62)	Pineville Kraft Corp.	900	900	--	--	--
St. Francisville	(63)	St. Francisville Paper Co.	210	--	210	--	--
Campti	(64)	Western Kraft Corp.	750	750	--	--	--
		Total	13,470	11,320	790	1,360	--
MISSISSIPPI							
Meridian	(65)	The Flintkote Co.	250	--	200	50	--
Moss Point	(66)	International Paper Co.	700	700	--	--	--
Natchez	(67)	International Paper Co.	1,000	1,000	--	--	--
Vicksburg	(68)	International Paper Co.	1,200	1,200	--	--	--
Laurel	(69)	Masonite Corp.	1,200	--	1,200	--	--
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	--

continued

Table 19.--Southern pulpmills, by process and capacity, 1977 (Continued)

Location	Map code 1/	Company	Pulping capacity, 24 hours 2/				
			All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfit
			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.	830	750	80	--	--
Dallas	(98)	GAF Corp.	70	--	70	--	--
Texarkana	(99)	International Paper Co.	575	575	--	--	--
Orange	(100)	Owens-Illinois, Forest Products Div.	1,000	1,000	--	--	--
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.	1,550	1,550	--	--	--
Diboll	(104)	Temple Industries	715	--	715	--	--
		Total	7,440	4,925	2,515	--	--
VIRGINIA							
West Point	(105)	The Chesapeake Corp. of Virginia	1,150	1,150	--	--	--
Hopewell	(106)	Continental Forest Industries	1,054	874	--	180	--
Jarratt	(107)	Georgia-Pacific Corp.	240	--	240	525	--
Big Island	(108)	Owens-Illinois, Forest Products Div.	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	7,258	4,968	915	1,375	--
		Total South	100,894	80,534	12,208	7,502	650

1/ Corresponds to numbers at locations on mill capacity map, page 17.
2/ Southern Pulp and Paper Manufacturer, vol. 40, No. 10 (October 1977); and other sources.

Table 20.--Other mills using southern pulpwood in 1977, by process and capacity

Location	Company	Pulping capacity, 24 hours				
		All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfite
		Tons				
ILLINOIS						
Wilmington	The Celotex Corp.	30	--	30	--	--
Joliet	GAF Corp.	240	--	240	--	--
KENTUCKY						
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	--	--
Milan	Certain-teed Products Corp.	90	--	90	--	--
Chillicothe	The Mead Corp.	600	600	--	--	--
PENNSYLVANIA						
Roaring Spring	Appleton Papers, Inc.	180	180	--	--	--
York	Certain-teed Products Corp.	50	--	50	--	--
Spring Cove	P. H. Glatfelter Co.	500	500	--	--	--

Table 21.--Pulpmills under construction in the South

Location	Map code 1/	Company	Pulping capacity, 24 hours
			Tons
ALABAMA			
Claiborne	(114)	Alabama River Pulp Co.	1,000

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

★ G. P. O. 1978—640-016 / 5596, REGION NO. 4

Bellamy, Thomas R.
1978. Southern pulpwood production, 1977. U.S. Dep. Agric. For. Serv., Resour. Bull. SE-46, 21 p. Southeast. For. Exp. Stn., Asheville, N.C.

Southern pulpwood production increased 3 percent in 1977 to 48.9 million cords. Roundwood production increased slightly while use of plant byproducts rose 9 percent. The use of plant byproducts continues to increase and now contributes 34 percent of the total. Pulping capacity increased to 100,894 tons per day.

Keywords: Pulpwood, roundwood, plant byproducts, pulping capacity.

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