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Southern Pulpwood Production, 1979

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APRIL 1981
SOUTHEASTERN FOREST EXPERIMENT STATION
ASHEVILLE, NORTH CAROLINA

Southern Pulpwood Production, 1979

**SOUTHEASTERN FOREST EXPERIMENT
STATION**

Asheville, North Carolina

and

**SOUTHERN FOREST EXPERIMENT
STATION**

New Orleans, Louisiana

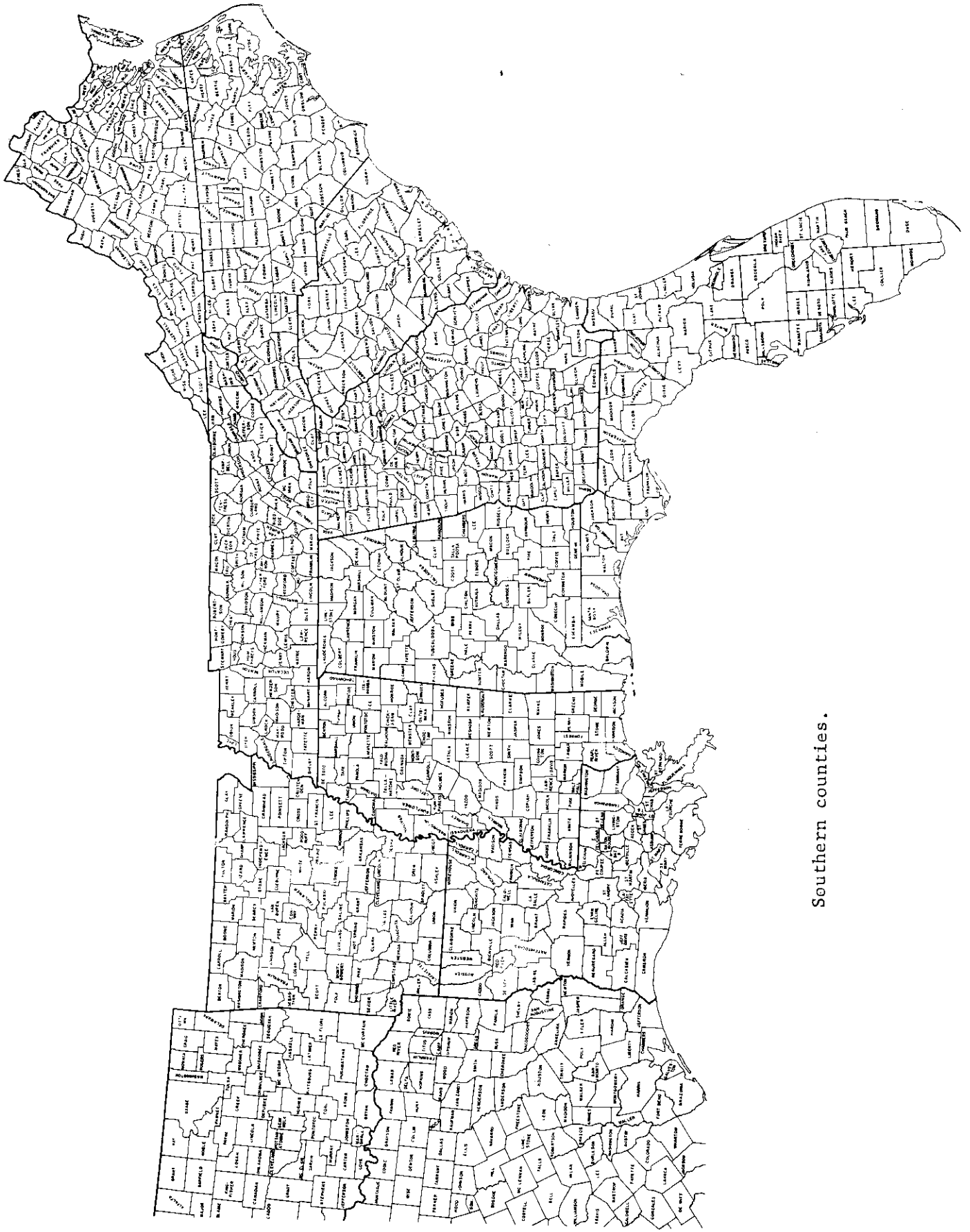
of the

**Forest Service, U. S. Department of
Agriculture**

in cooperation with the

AMERICAN PULPWOOD ASSOCIATION

1979



Southern counties.

SOUTHERN PULPWOOD PRODUCTION, 1979

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HIGHLIGHTS: Pulpwood production in the South rose a modest 7 percent in 1979 to 54 million cords. Of the increase, 55 percent was from roundwood and 45 percent was from plant byproducts. Pulping capacity of the 115 mills in the South also rose 7 percent to over 110,000 tons per day.

Keywords: Pulpwood, roundwood, residues, pulp mills.

The 12 Southern States set another record high in 1979 by producing over 54 million cords of pulpwood (table 1). Only three States, North Carolina, Oklahoma, and Texas, failed to report an increase, and total output was 7 percent above the 1978 record. Use of both roundwood and plant byproducts increased (fig. 1); roundwood accounted for 55 percent of the gain and the remaining 45 percent was from plant byproducts.

Roundwood output increased 6 percent above the 1978 production level (tables 2 and 3). Almost all the increase was in the softwood species group (primarily pines). Output of hardwood remained almost the same as in 1978.

Pulping of wood residues continues to increase despite competition from other uses such as fuel. A new high of 18.5 million cords of residue was used for pulp manufacture in 1979, up 10 percent above 1978 (table 4). During the past 4 years, wood residues have consistently accounted for about one-third of all pulp furnish in the South.

Pulping of all types of both softwood and hardwood residue increased (table 5). Mississippi had the largest increase in residue output--51 percent. Output declined only in Arkansas and Oklahoma, with Oklahoma reporting a 90 percent decrease.

Table 1.--Pulpwood production in the South during 1979, and change since 1978

State	Pulpwood	Change
	Thousand cords	Percent
Alabama	8,220.9	+12
Arkansas	4,069.1	+3
Florida	3,833.0	+4
Georgia	9,257.7	+4
Louisiana	4,590.1	+7
Mississippi	7,287.0	+32
North Carolina	4,478.4	-3
Oklahoma	542.4	-12
South Carolina	4,544.1	+6
Tennessee	955.4	+39
Texas	3,890.3	-4
Virginia	2,666.7	+1
All States	54,335.1	+7

The South is divided into two sections--the Southeast, which includes the Atlantic Coast States from Virginia to Florida, and the Midsouth, which includes the Gulf Coast States from Alabama to Texas plus Oklahoma, Arkansas, and Tennessee.

Table 6 compares production in the Southeast and Midsouth. Production of both roundwood and residues was higher in the Midsouth. Since production has been increasing faster in the Midsouth, the difference can be expected to continue, and possibly to increase, in the next few years.

¹Now deceased.

Table 2.--Roundwood production in the South, by State and species group, 1979

State	All species	Softwood	Hardwood			
			Total	Gums	Oaks	Other hardwoods
----- Thousand cords -----						
Alabama	5,606.2	3,782.3	1,823.9	494.8	724.5	604.6
Arkansas	2,500.8	1,596.9	903.9	37.5	700.2	166.2
Florida	3,042.9	2,698.0	344.9	138.7	146.8	59.4
Georgia	6,205.4	5,506.0	699.4	267.2	288.1	144.1
Louisiana	3,284.4	2,410.3	874.1	72.6	355.3	446.2
Mississippi	4,397.9	2,855.6	1,542.3	188.5	639.9	713.9
North Carolina	2,701.1	1,604.7	1,096.4	454.7	419.8	221.9
Oklahoma	515.2	406.7	108.5	12.9	66.8	28.8
South Carolina	2,762.6	2,101.5	661.1	273.9	248.1	139.1
Tennessee	647.0	228.8	418.2	16.1	307.9	94.2
Texas	2,504.3	2,057.0	447.3	83.2	200.7	163.4
Virginia	1,638.5	891.8	746.7	71.1	366.4	309.2
All States	35,806.3	26,139.6	9,666.7	2,111.2	4,464.5	3,091.0

Table 3.--Roundwood production in the South, by State and species group, 1979 and 1978

State	Change from 1978	1979			1978		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
	Percent	Thousand cords					
Alabama	+17	5,606.2	3,782.3	1,823.9	4,797.6	3,075.9	1,721.7
Arkansas	+7	2,500.8	1,596.9	903.9	2,332.4	1,447.3	885.1
Florida	+4	3,042.9	2,698.0	344.9	2,925.1	2,595.2	329.9
Georgia	+2	6,205.4	5,506.0	699.4	6,057.8	5,303.5	754.3
Louisiana	+3	3,284.4	2,410.3	874.1	3,181.8	2,366.3	815.5
Mississippi	+21	4,397.9	2,855.6	1,542.3	3,620.2	2,198.2	1,422.0
North Carolina	-8	2,701.1	1,604.7	1,096.4	2,925.7	1,674.4	1,251.3
Oklahoma	+48	515.2	406.7	108.5	348.8	243.4	105.4
South Carolina	+3	2,762.6	2,101.5	661.1	2,680.5	1,934.4	746.1
Tennessee	+39	647.0	228.8	418.2	466.4	203.9	262.5
Texas	-6	2,504.3	2,057.0	447.3	2,661.2	2,179.4	481.8
Virginia	-7	1,638.5	891.8	746.7	1,768.5	889.6	878.9
All States	+6	35,806.3	26,139.6	9,666.7	33,766.0	24,111.5	9,654.5

Pulping capacity increased by 7 percent to over 110,000 tons per day. Two mills came on stream in 1979, and many mill expansion and modernization projects were completed across the South (table 19). In addition to the 115 mills that operated in the South, 14 mills outside the territory used southern pulpwood (table 20). Most of the wood shipped out of the South was in the form of plant byproducts.

Only one mill was under construction in 1979. Located in Georgia (table 21), its estimated pulping capacity is about 880 tons per day.

As production of roundwood increases so does the number of counties with high output. Eleven counties across the South produced more than 200,000 cords of roundwood. Again Alabama led with five counties followed by Louisiana and Texas with two each. Texas's Polk County reported the largest production--over 342,000 cords. In all, 94 counties and parishes across the South had roundwood production of over 100,000 cords (tables 7-18). This widespread high production is made possible in part by the pine plantations established during the 1950's and early 1960's. These stands are now contributing to the fiber supply.

Table 4.--Southern output of wood residues for pulp manufacture,
by State and species group, 1979 and 1978

State	: Change	1979			1978		
	: from	All	Softwood	Hardwood	All	Softwood	Hardwood
	: 1978	: species	:	:	: species	:	:
	:	:	:	:	:	:	:
	Percent	Thousand cords					
Alabama	+2	2,614.7	2,145.1	469.6	2,556.2	2,218.4	337.8
Arkansas	-3	1,568.3	1,269.2	299.1	1,615.6	1,373.3	242.3
Florida	+6	790.1	699.4	90.7	745.7	653.2	92.5
Georgia	+7	3,052.3	2,628.6	423.7	2,850.5	2,494.0	356.5
Louisiana	+16	1,305.7	1,031.9	273.8	1,124.4	924.0	200.4
Mississippi	+51	2,889.1	2,333.5	555.6	1,909.7	1,518.3	391.4
North Carolina	+4	1,777.3	1,298.7	478.6	1,713.5	1,374.6	338.9
Oklahoma	-90	27.3	23.5	3.8	264.9	245.0	19.9
South Carolina	+10	1,781.5	1,421.7	359.8	1,626.5	1,352.2	274.3
Tennessee	+39	308.4	26.2	282.2	221.5	40.2	181.3
Texas	+1	1,386.1	1,244.9	141.1	1,371.4	1,211.9	159.5
Virginia	+19	1,028.2	486.7	541.5	860.8	440.6	420.2
All States	+10	18,528.9	14,609.4	3,919.5	16,860.7	13,845.7	3,015.0

Table 5.--Southern output of wood residues for pulp manufacture by State and type
of residue, 1979

State	:	:	Chips		:	Other residues ¹		
	:	All	:	:	:	:	:	
	:	types	:	Softwood	Hardwood	:	Softwood	Hardwood
	:	:	All	:	:	All	:	:
:	:	species	:	:	species	:	:	
	-	-	-	-	Thousand cords	-	-	-
Alabama	2,614.7	2,427.5	1,997.6	429.9	187.2	147.5	39.7	
Arkansas	1,568.3	1,316.3	1,079.0	237.3	252.0	190.2	61.8	
Florida	790.1	736.5	655.5	81.0	53.6	43.9	9.7	
Georgia	3,052.3	2,936.4	2,541.7	394.7	115.9	86.9	29.0	
Louisiana	1,305.7	1,248.2	1,017.7	230.5	57.5	14.2	43.3	
Mississippi	2,889.1	2,596.8	2,199.2	397.6	292.3	134.3	158.0	
North Carolina	1,777.3	1,668.8	1,210.5	458.3	108.5	88.2	20.3	
Oklahoma	27.3	27.3	23.5	3.8	--	--	--	
South Carolina	1,781.5	1,680.6	1,320.8	359.8	100.9	100.9	--	
Tennessee	308.4	269.2	13.8	255.4	39.2	12.4	26.8	
Texas	1,386.0	1,318.9	1,177.8	141.1	67.1	67.1	--	
Virginia	1,028.2	842.7	429.6	413.1	185.5	57.1	128.4	
All States	18,528.9	17,069.2	13,666.7	3,402.5	1,459.7	942.7	517.0	

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

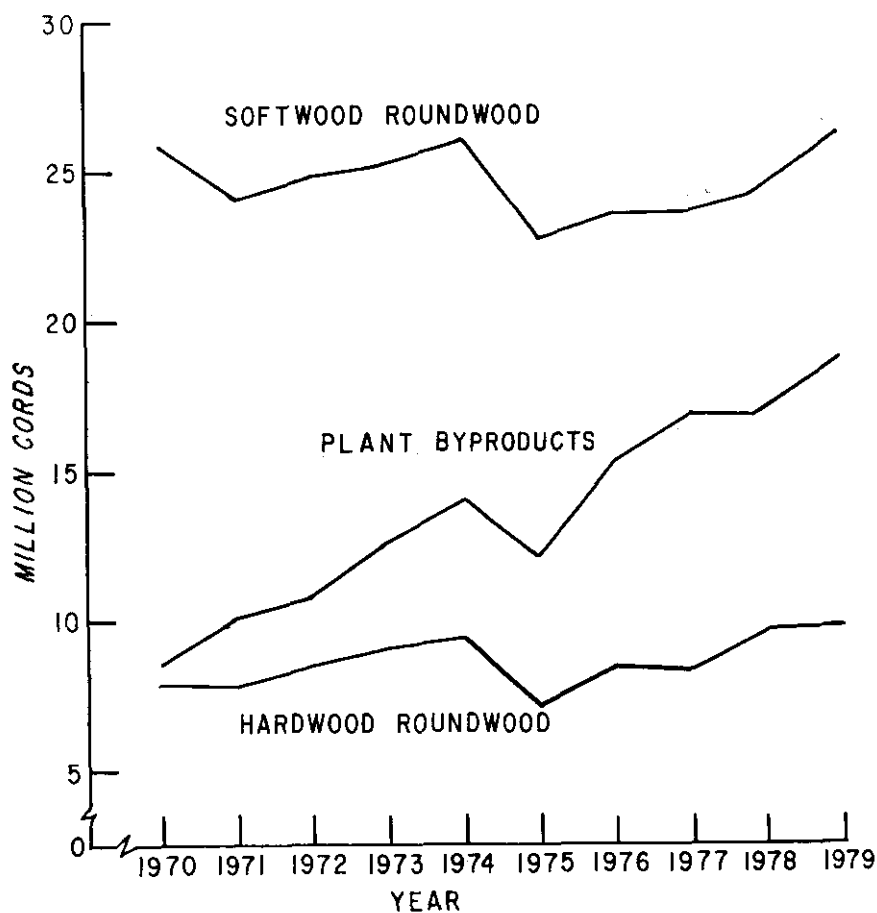


Figure 1.--Pulpwood production, 1970-1979.

Table 6.--Southern pulpwood production by Experiment Station territory, 1979

Station and source of wood	All species	Softwood	Hardwood
----- Standard cords -----			
Southeastern ¹			
Roundwood	16,350,543	12,802,149	3,548,394
Residues	8,429,568	6,535,211	1,894,357
Total	24,780,111	19,337,360	5,442,751
Southern ²			
Roundwood	19,455,791	13,337,541	6,118,250
Residues	10,099,462	8,074,350	2,025,112
Total	29,555,253	21,411,891	8,143,362
Both Stations			
Roundwood	35,806,334	26,139,690	9,666,644
Residues	18,529,030	14,609,561	3,919,469
Total	54,335,364	40,749,251	13,586,113

¹States of Florida, Georgia, North Carolina, South Carolina, and Virginia.

²States of Alabama, Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, and Texas.

Table 7.--Round pulpwood production in Alabama, 1979

County	All species	Softwood	Hardwood	County	All species	Softwood	Hardwood
Standard cords				Standard cords			
Autauga	60,623	38,225	22,398	Jackson	32,109	5,253	26,856
Baldwin	219,664	181,359	38,305	Jefferson	33,296	31,049	2,247
Barbour	107,657	71,959	35,698	Lamar	56,716	48,136	8,580
Bibb	86,198	59,761	26,437	Lauderdale	10,452	4,917	5,535
Blount	44,740	31,350	13,390	Lawrence	6,047	3,278	2,769
Bullock	79,393	61,928	17,465	Lee	99,029	93,367	5,662
Bulter	200,636	129,151	71,485	Limestone	6,670	1,166	5,504
Calhoun	54,389	50,405	3,984	Lowndes	93,307	60,445	32,862
Chambers	112,416	83,616	28,800	Macon	75,652	60,031	15,621
Cherokee	47,381	44,788	2,593	Madison	8,037	2,710	5,327
Chilton	79,239	50,030	29,209	Marengo	159,984	78,551	81,433
Choctaw	223,541	109,453	114,088	Marion	70,195	49,504	20,691
Clarke	214,539	110,175	104,364	Marshall	15,121	7,695	7,426
Clay	84,507	73,631	10,876	Mobile	204,323	181,052	23,271
Cleburne	55,527	49,816	5,711	Monroe	152,598	62,216	90,382
Coffee	77,306	45,915	31,391	Montgomery	81,301	47,304	33,997
Colbert	19,869	3,853	16,016	Morgan	10,902	3,092	7,810
Conecuh	134,191	67,363	66,828	Perry	67,048	37,090	29,958
Coosa	69,161	53,120	16,041	Pickens	70,326	34,726	35,600
Covington	114,523	75,530	38,993	Pike	141,122	91,538	49,584
Crenshaw	114,845	63,390	51,455	Randolph	123,768	101,312	22,456
Cullman	47,983	35,581	12,402	Russell	70,707	63,985	6,722
Dale	75,749	39,900	35,849	St. Clair	80,813	71,759	9,054
Dallas	101,646	38,931	62,715	Shelby	87,561	76,635	10,926
De Kalb	40,461	17,756	22,705	Sumter	62,547	32,791	29,756
Elmore	61,713	49,303	12,410	Talledega	98,382	87,190	11,192
Escambia	80,652	55,190	25,462	Tallapoosa	129,048	102,387	26,661
Etowah	26,250	20,700	5,550	Tuscaloosa	36,817	28,092	8,725
Fayette	62,960	56,465	6,495	Walker	122,460	110,659	11,801
Franklin	45,922	26,068	19,854	Washington	147,999	92,717	55,282
Geneva	25,589	13,096	12,493	Wilcox	166,472	76,314	90,158
Greene	48,324	28,467	19,857	Winston	104,785	88,521	16,264
Hale	45,616	21,604	24,012	All counties	5,606,161	3,782,223	1,823,938
Henry	78,749	58,297	20,452				
Houston	38,608	30,565	8,043				

Table 8.--Round pulpwood production in Arkansas, 1979

County ¹	All species	Softwood	Hardwood	County ¹	All species	Softwood	Hardwood
----- Standard cords -----				----- Standard cords -----			
Arkansas	187	0	187	Little River	73,697	51,630	22,067
Ashley	312,557	153,173	159,384	Logan	18,262	12,876	5,386
Baxter	2,039	1,742	297	Lonoke	105	89	16
Bradley	125,860	46,534	79,326	Marion	1	0	1
Calhoun	60,055	43,368	16,687	Miller	33,546	18,907	14,639
Carroll	19	19	0	Montgomery	14,593	7,491	7,102
Chicot	2,451	66	2,385	Nevada	88,530	66,373	22,157
Clark	73,241	36,843	36,398	Newton	26	16	10
Cleburne	12,643	10,326	2,317	Ouachita	74,734	50,315	24,419
Cleveland	52,775	25,337	27,438	Perry	9,786	7,437	2,349
Columbia	111,979	89,822	22,157	Phillips	1,432	0	1,432
Conway	12,589	8,633	3,956	Pike	161,311	132,258	29,053
Crittenden	1,895	0	1,895	Poinsett	4	4	0
Dallas	62,686	26,286	36,400	Polk	61,125	42,639	18,486
Desha	7,278	2	7,276	Pope	23,367	10,083	13,284
Drew	108,710	67,685	41,025	Prairie	47	4	43
Faulkner	3,300	3,203	97	Pulaski	52,966	31,419	21,547
Franklin	3,379	2,554	825	St. Francis	6	2	4
Fulton	987	970	17	Saline	49,517	26,669	22,848
Garland	19,920	16,634	3,286	Scott	43,304	32,017	11,287
Grant	103,611	53,944	49,667	Searcy	20	2	18
Hempstead	121,865	94,630	27,235	Sebastian	3,996	2,772	1,224
Hot Spring	52,031	26,669	25,362	Sevier	53,846	36,990	16,856
Howard	187,274	156,163	31,111	Stone	1,615	1,314	301
Independence	6,365	3,942	2,423	Union	75,345	52,200	23,145
Izard	4,044	3,605	439	Van Buren	13,964	8,868	5,096
Jackson	135	73	62	White	8,941	5,089	3,852
Jefferson	42,653	34,558	8,095	Woodruff	4	4	0
Johnson	13,517	5,299	8,218	Yell	21,607	13,434	8,173
Lafayette	55,592	36,841	18,751				
Lee	3	3	0				
Lincoln	53,499	37,050	16,449	All counties	2,500,836	1596,876	903,960

¹Counties with no pulpwood production are omitted.

Table 9.--Round pulpwood production in Florida, 1979

County ¹	All species	Softwood	Hardwood	County ¹	All species	Softwood	Hardwood
- - - Standard cords - - -				- - - Standard cords - - -			
Alachua	98,122	85,114	13,008	Lake	2,523	2,523	0
Baker	110,078	109,842	236	Lee	2,776	2,776	0
Bay	45,121	44,836	285	Leon	29,336	25,434	3,902
Bradford	86,598	84,085	2,513	Levy	188,553	132,378	56,175
Brevard	4,990	4,990	0	Liberty	42,324	30,180	12,144
Calhoun	122,270	116,345	5,925	Madison	96,845	70,009	26,836
Charlotte	2,142	2,142	0	Manatee	675	675	0
Citrus	2,151	2,151	0	Marion	115,946	106,833	9,113
Clay	57,508	51,335	6,173	Nassau	163,894	153,112	10,782
Collier	0	0	0	Okaloosa	21,140	19,973	1,167
Columbia	127,669	123,733	3,936	Orange	7,669	7,669	0
De Sota	1,488	1,488	0	Osceola	3,831	3,831	0
Dixie	114,790	60,833	53,957	Pasco	935	354	581
Duval	41,181	40,218	963	Polk	8,972	8,972	0
Escambia	50,460	49,467	993	Putnam	77,656	66,656	11,000
Flagler	75,773	65,058	10,715	St. Johns	132,891	122,732	10,159
Franklin	53,217	53,147	70	Santa Rosa	50,783	49,426	1,357
Gadsden	36,897	28,021	8,876	Sarasota	9,390	9,390	0
Gilchrist	75,527	70,511	5,016	Seminole	388	388	0
Glades	256	256	0	Sumter	16,104	16,104	0
Gulf	70,731	70,547	184	Suwannee	123,021	116,755	6,266
Hamilton	60,410	55,497	4,913	Taylor	136,524	123,319	13,205
Hardee	5,783	5,783	0	Union	31,725	31,553	172
Hendry	9,000	9,000	0	Volusia	56,705	51,705	5,000
Hernando	3,013	2,763	250	Wakulla	65,324	63,326	1,998
Highlands	613	613	0	Walton	76,247	58,278	17,969
Hillsborough	3,356	3,356	0	Washington	43,312	39,374	3,938
Holmes	58,270	50,970	7,300				
Jackson	104,193	88,144	16,049				
Jefferson	75,331	67,616	7,715				
Lafayette	40,433	36,433	4,000				
				All counties	3,042,860	2,698,019	344,841

¹ Counties with no pulpwood production are omitted.

Table 10.--Round pulpwood production in Georgia, 1979

County	All species	Softwood	Hardwood	County	All species	Softwood	Hardwood
Standard cords				Standard cords			
Appling	89,209	82,157	7,052	Fannin	10,110	7,330	2,780
Atkinson	63,814	62,332	1,482	Fayette	13,073	12,654	419
Bacon	99,521	92,836	6,685	Floyd	76,351	69,691	6,660
Baker	22,047	21,644	403	Forsyth	8,651	8,133	518
Baldwin	35,750	29,512	6,238	Franklin	34,878	24,901	9,977
Banks	9,337	9,337	0	Fulton	27,233	26,509	724
Barrow	35,265	34,856	409	Gilmer	7,654	6,679	975
Bartow	30,829	29,033	1,796	Glascock	1,138	324	814
Ben Hill	95,700	87,494	8,206	Glynn	84,716	58,492	26,224
Berrien	50,788	49,892	896	Gordon	54,584	52,953	1,631
Bibb	11,126	9,366	1,760	Grady	33,725	25,830	7,895
Bleckley	7,260	6,885	375	Greene	52,686	45,978	6,708
Brantley	113,206	109,719	3,487	Gwinnett	19,046	17,781	1,265
Brooks	28,681	26,217	2,464	Habersham	4,720	4,443	277
Bryan	36,295	33,128	3,167	Hall	12,092	11,708	384
Bulloch	29,893	22,668	7,225	Hancock	39,677	32,126	7,551
Burke	161,752	138,737	23,015	Haralson	38,581	35,765	2,816
Butts	43,496	41,250	2,246	Harris	66,504	64,786	1,718
Calhoun	38,351	30,295	8,056	Hart	3,851	3,851	0
Camden	80,222	61,862	18,360	Heard	23,231	20,712	2,519
Candler	17,045	14,207	2,838	Henry	41,735	39,468	2,267
Carroll	54,023	48,888	5,135	Houston	36,273	32,316	3,957
Catoosa	6,160	5,276	884	Irwin	2,040	2,040	0
Charlton	65,257	64,474	783	Jackson	30,366	29,260	1,106
Chatham	11,262	8,519	2,743	Jasper	44,351	43,591	760
Chattahoochee	35,102	31,069	4,033	Jeff Davis	44,441	36,749	7,692
Chattooga	35,683	31,685	3,998	Jefferson	30,176	26,357	3,819
Cherokee	43,814	40,772	3,042	Jenkins	33,999	31,567	2,432
Clarke	3,149	2,325	824	Johnson	32,254	30,485	1,769
Clay	25,902	19,020	6,882	Jones	44,300	41,578	2,722
Clayton	784	784	0	Lamar	19,740	19,260	480
Clinch	116,619	115,981	638	Lanier	4,543	4,543	0
Cobb	16,797	16,411	386	Laurens	158,764	128,695	30,069
Coffee	96,595	89,837	6,758	Lee	22,763	21,157	1,606
Colquitt	28,913	27,132	1,781	Liberty	98,010	83,318	14,692
Columbia	11,527	10,397	1,130	Lincoln	26,251	22,448	3,803
Cook	7,774	7,763	11	Long	56,639	48,892	7,747
Coweta	68,227	65,442	2,785	Lowndes	39,310	38,868	442
Crawford	124,316	104,516	19,800	Lumpkin	8,896	7,810	1,086
Crisp	33,831	32,857	974	McDuffie	15,550	13,772	1,778
Dade	1,770	1,654	116	McIntosh	33,901	31,343	2,558
Dawson	5,335	4,749	586	Macon	34,895	28,373	6,522
Decatur	106,438	82,643	23,795	Madison	10,571	8,936	1,635
De Kalb	4,501	4,414	87	Marion	36,931	31,218	5,713
Dodge	94,022	82,108	11,914	Meriwether	100,507	91,008	9,499
Dooly	16,072	16,072	0	Miller	12,320	10,546	1,774
Dougherty	27,356	22,752	4,604	Mitchell	58,112	54,981	3,131
Douglas	20,190	19,051	1,139	Monroe	37,522	36,091	1,431
Early	61,885	50,967	10,918	Montgomery	5,322	4,261	1,061
Echols	34,534	34,391	143	Morgan	26,434	25,373	1,061
Effingham	43,658	36,848	6,810	Murray	36,532	33,292	3,240
Elbert	40,351	30,825	9,526	Muscogee	4,807	4,057	750
Emanuel	53,379	52,482	897				
Evans	15,427	9,868	5,559				

Continued

Table 10.--Round pulpwood production in Georgia, 1979--Continued

County ¹	All species	Softwood	Hardwood	County ¹	All species	Softwood	Hardwood
- - - - Standard cords - - - -				- - - - Standard cords - - - -			
Newton	27,063	26,895	168	Tattnall	35,588	28,388	7,200
Oconee	11,150	10,379	771	Taylor	29,350	24,966	4,384
Oglethorpe	42,418	25,105	17,313	Telfair	64,768	60,627	4,141
Paulding	27,505	24,990	2,515	Terrell	37,518	35,144	2,374
Peach	6,751	6,751	0	Thomas	43,510	38,499	5,011
Pickens	22,953	22,066	887	Tift	15,259	14,595	664
Pierce	88,291	74,837	13,454	Toombs	33,746	28,877	4,869
Pike	49,257	47,555	1,702	Towns	12,682	9,460	3,222
Polk	27,848	24,141	3,707	Treutlen	19,642	18,256	1,386
Pulaski	33,590	31,157	2,433	Troup	94,328	89,909	4,419
Putnam	43,056	41,021	2,035	Turner	4,985	3,985	1,000
Quitman	35,182	28,984	6,198	Twiggs	37,685	35,430	2,255
Rabun	2,659	335	2,324	Union	6,377	5,110	1,267
Randolph	72,318	53,025	19,293	Upson	33,407	31,819	1,588
Richmond	22,544	19,751	2,793	Walker	15,985	15,154	831
Rockdale	584	584	0	Walton	26,711	22,485	4,226
Schley	22,088	19,138	2,950	Ware	104,302	90,274	14,028
Screven	13,769	9,827	3,942	Warren	64,996	58,706	6,290
Seminole	16,275	13,900	2,375	Washington	44,088	37,513	6,575
Spalding	18,988	18,054	934	Wayne	111,776	101,614	10,162
Stephens	9,901	5,714	4,187	Webster	28,705	24,161	4,544
Stewart	128,263	111,154	17,109	Wheeler	65,697	63,407	2,290
Sumter	28,925	25,069	3,856	White	1,474	1,372	102
Talbot	74,097	67,958	6,139	Whitfield	18,905	16,576	2,329
Taliaferro	17,386	10,006	7,380	Wilcox	40,353	39,251	1,102
				Wilkes	55,516	38,412	17,104
				Wilkinson	46,573	42,210	4,363
				Worth	57,600	53,671	3,929
				All counties	6,205,383	5,505,965	699,418

Table 11.--Round pulpwood production in Louisiana, 1979

Parish ¹	All species	Softwood	Hardwood	Parish ¹	All species	Softwood	Hardwood
- - - - Standard cords - - - -				- - - - Standard cords - - - -			
Acadia	1,163	770	393	Madison	25,398	32	25,366
Allen	80,619	69,958	10,661	Morehouse	51,946	22,478	29,468
Ascension	2,060	0	2,060	Natchitoches	119,504	113,317	6,187
Assumption	621	0	621	Ouachita	47,947	28,408	19,539
Avoyelles	10,640	2,865	7,775	Pointe Coupee	19,918	0	19,918
Beauregard	233,146	229,552	3,594	Rapides	177,330	110,764	66,566
Bienville	195,457	166,413	29,044	Red River	30,920	21,548	9,372
Bossier	77,508	65,446	12,062	Richland	3,261	623	2,638
Caddo	33,563	24,598	8,965	Sabine	152,607	136,151	16,456
Calcasieu	22,628	21,749	879	St. Helena	63,816	51,117	12,699
Caldwell	76,880	33,700	43,180	St. Landry	44,683	20	44,663
Catahoula	57,641	19,474	38,167	St. Martin	95	4	91
Caliborne	115,845	98,753	17,092	St. Mary	3	3	0
Concordia	80,579	0	80,579	St. Tammany	41,731	40,862	869
De Soto	102,325	79,151	23,174	Tangipahoa	62,527	51,532	10,995
East Baton Rouge	5,469	543	4,926	Tensas	45,293	7	45,286
East Carroll	3,751	0	3,751	Union	189,309	136,872	52,437
East Feliciana	27,322	18,086	9,236	Vermilion	30	0	30
Evangeline	17,851	14,106	3,745	Vernon	229,664	218,885	10,779
Franklin	4,224	177	4,047	Washington	71,794	66,803	4,991
Grant	71,519	4,6574	24,945	Webster	58,838	45,370	13,468
Iberia	27	0	27	West Baton Rouge	2,633	0	2,633
Iberville	1,268	0	1,268	West Carroll	1,119	137	982
Jackson	125,061	93,256	31,805	West Feliciana	9,394	1,433	7,961
Jefferson Davis	6,910	6,491	419	Winn	149,555	111,543	38,012
Lafayette	8	0	8	All parishes	3,284,432	2,410,307	874,125
La Salle	123,239	92,021	31,218				
Lincoln	130,527	111,784	18,743				
Livingston	77,266	56,931	20,335				

¹ Parishes with no pulpwood production are omitted.

Table 12.--Round pulpwood production in Mississippi, 1979

County ¹	All species	Softwood	Hardwood	County ¹	All species	Softwood	Hardwood
- - - - Standard cords - - - -				- - - - Standard cords - - - -			
Adams	33,355	227	33,128	Lowndes	5,576	4,264	1,312
Alcorn	19,847	13,984	5,863	Madison	42,344	27,002	15,342
Amite	132,315	111,127	21,188	Marion	49,673	36,545	13,128
Attala	146,091	98,087	48,004	Marshall	31,123	24,913	6,210
Benton	26,349	17,474	8,875	Monroe	26,525	23,603	2,922
Bolivar	6,480	0	6,480	Montgomery	36,251	17,725	18,526
Calhoun	62,432	21,387	41,045	Neshoba	112,798	75,753	37,045
Carroll	42,632	21,433	21,199	Newton	95,797	50,501	45,296
Chickasaw	30,873	25,113	5,760	Noxubee	66,756	38,244	28,512
Choctaw	66,717	44,328	22,389	Oktibbeha	38,893	22,369	16,524
Claiborne	66,636	40,947	25,689	Panola	11,805	7,856	3,949
Clarke	140,009	88,009	52,000	Pearl River	98,286	89,314	8,972
Clay	13,876	9,002	4,874	Perry	141,295	119,784	21,511
Coahoma	4	1	3	Pike	92,207	67,611	24,596
Copiah	124,059	79,313	44,746	Pontotoc	42,499	33,798	8,701
Covington	43,507	19,647	23,860	Prentiss	40,695	23,291	17,404
De Soto	8	5	3	Quitman	26	24	2
Forrest	62,378	40,604	21,774	Rankin	96,734	71,403	25,331
Franklin	55,246	35,590	19,656	Scott	71,013	49,347	21,666
George	57,093	31,104	25,989	Sharkey	733	93	640
Greene	145,313	90,999	54,314	Simpson	88,255	54,747	33,508
Grenada	20,573	12,594	7,979	Smith	63,490	48,123	15,367
Hancock	24,248	22,515	1,733	Stone	51,960	39,224	12,736
Harrison	45,224	43,394	1,830	Sunflower	588	4	584
Hinds	42,937	15,070	27,867	Tallahatchie	496	327	169
Holmes	75,779	47,272	28,507	Tate	407	45	362
Humphreys	234	98	136	Tippah	43,746	34,371	9,375
Issaquena	19,300	962	18,338	Tishomingo	48,283	36,281	12,002
Itawamba	57,053	44,273	12,780	Tunica	1,057	74	983
Jackson	40,064	37,170	2,894	Union	15,661	14,275	1,386
Jasper	121,629	78,201	43,428	Walthall	22,571	12,905	9,666
Jefferson	43,170	16,396	26,774	Warren	18,798	696	18,102
Jefferson Davis	34,531	30,733	3,798	Washington	10,381	119	10,262
Jones	80,238	41,357	38,881	Wayne	150,405	69,731	80,674
Kemper	104,317	59,453	44,864	Webster	56,101	37,238	18,863
Lafayette	68,725	46,610	22,115	Wilkinson	55,727	11,796	43,931
Lamar	39,464	28,740	10,724	Winston	102,554	91,395	11,159
Lauderdale	109,174	62,178	46,996	Yalobusha	27,424	20,942	6,482
Lawrence	92,419	63,752	28,667	Yazoo	12,590	5,611	6,979
Leake	89,774	61,882	27,892				
Lee	14,784	9,527	5,257				
Leflore	3,063	2,141	922				
Lincoln	124,454	81,571	42,883	All counties	4,397,897	2,855,614	1,542,283

¹Counties with no pulpwood production are omitted.

Table 13.--Round pulpwood production in North Carolina, 1979

County	All species	Softwood	Hardwood	County	All species	Softwood	Hardwood
----- Standard cords -----				----- Standard cords -----			
Alamance	15,611	12,123	3,488	Lee	23,876	16,980	6,896
Alexander	11,677	7,812	3,865	Lenoir	24,279	17,634	6,645
Alleghany	433	85	348	Lincoln	22,255	18,999	3,256
Anson	84,296	56,663	27,633	McDowell	13,220	4,641	8,579
Ashe	10	10	0	Macon	321	27	294
Avery	217	0	217	Madison	470	101	369
Beaufort	99,134	58,190	40,944	Martin	36,858	22,908	13,950
Bertie	87,673	38,243	49,430	Mecklenburg	6,804	6,148	656
Bladen	81,160	48,701	32,459	Mitchell	2,531	0	2,531
Brunswick	102,014	74,577	27,437	Montgomery	30,258	19,442	10,816
Buncombe	6,044	1,506	4,538	Moore	31,453	22,497	8,956
Burke	23,048	13,696	9,352	Nash	24,238	9,362	14,876
Cabarrus	9,189	6,215	2,974	New Hanover	5,371	4,684	687
Caldwell	9,544	3,309	6,235	Northampton	56,537	19,573	36,964
Camden	3,958	761	3,197	Onslow	54,252	47,440	6,812
Carteret	34,149	30,341	3,808	Orange	15,954	11,546	4,408
Caswell	10,240	1,637	8,603	Pamlico	29,713	20,914	8,799
Catawba	7,727	6,961	766	Pasquotank	17,557	9,397	8,160
Chatham	61,895	34,118	27,777	Pender	48,651	34,751	13,900
Cherokee	18,067	8,573	9,494	Perquimans	22,404	8,040	14,364
Chowan	16,110	6,415	9,695	Person	10,677	3,250	7,427
Clay	3,618	2,621	997	Pitt	28,412	13,823	14,589
Cleveland	15,394	9,993	5,401	Polk	17,198	9,581	7,617
Columbus	74,806	42,836	31,970	Randolph	7,169	5,235	1,934
Craven	203,231	131,146	72,085	Richmond	31,966	20,983	10,983
Cumberland	19,616	11,923	7,693	Robeson	29,760	15,702	14,058
Currituck	3,793	725	3,068	Rockingham	8,727	3,872	4,855
Dare	4,369	3,085	1,284	Rowan	12,608	6,324	6,284
Davidson	11,769	8,543	3,226	Rutherford	63,040	40,698	22,342
Davie	4,836	2,570	2,266	Sampson	73,195	48,475	24,720
Duplin	61,297	40,059	21,238	Scotland	36,793	32,557	4,236
Durham	13,577	3,719	9,858	Stanly	14,559	8,597	5,962
Edgecombe	22,645	11,859	10,786	Stokes	2,945	130	2,815
Forsyth	4,068	3,326	742	Surry	2,289	732	1,557
Franklin	63,156	36,222	26,934	Swain	5,867	3,123	2,744
Gaston	10,302	9,122	1,180	Transylvania	9,971	560	9,411
Gates	31,126	15,471	15,655	Tyrrell	18,379	13,262	5,117
Graham	678	559	119	Union	28,371	19,396	8,975
Granville	50,301	28,830	21,471	Vance	3,133	1,888	1,245
Greene	7,564	3,099	4,465	Wake	78,982	50,862	28,120
Guilford	10,160	7,809	2,351	Warren	41,615	27,065	14,550
Halifax	92,088	47,816	44,272	Washington	27,807	12,810	14,997
Harnett	17,749	10,038	7,711	Watauga	14	3	11
Haywood	9,156	2,238	6,918	Wayne	18,897	8,258	10,639
Henderson	5,559	816	4,743	Wilkes	16,074	10,416	5,658
Hertford	39,675	16,974	22,701	Wilson	50,481	18,136	32,345
Hoke	7,800	6,871	929	Yadkin	5,124	3,739	1,385
Hyde	25,953	14,614	11,339	Yancey	1,417	32	1,385
Iredell	21,130	18,075	3,055	All counties	2,701,143	1,604,781	1,096,362
Jackson	6,199	78	6,121				
Johnston	38,000	9,772	28,228				
Jones	26,860	19,443	7,417				

Table 14.--Round pulpwood production in Oklahoma, 1979

County ¹	All species	Softwood	Hardwood
- - - Standard cords - - -			
Cherokee	988	20	968
Choctaw	23,076	17,616	5,460
Delaware	300	0	300
Haskell	16	16	0
Latimer	3,826	2,650	1,176
Le Flore	80,228	65,543	14,685
McCurtain	259,580	206,372	53,208
McIntosh	7	7	0
Mayes	4,600	0	4,600
Pushmataha	142,074	114,492	27,582
Rogers	200	0	200
Wagoner	300	0	300
All counties	515,195	406,716	108,479

¹Counties with no pulpwood production are omitted.

Table 15.--Round pulpwood production in South Carolina, 1979

County	All species	Softwood	Hardwood	County	All species	Softwood	Hardwood
- - - Standard cords - - -				- - - Standard cords - - -			
Abbeville	76,376	60,427	15,949	Jasper	47,729	31,167	16,562
Aiken	88,556	83,913	4,643	Kershaw	130,952	119,077	11,875
Allendale	25,970	20,217	5,753	Lancaster	60,640	44,554	16,086
Anderson	63,220	51,414	11,806	Laurens	77,122	67,462	9,660
Bamberg	26,121	18,612	7,509	Lee	13,567	10,902	2,665
Barnwell	24,685	24,584	101	Lexington	63,161	59,130	4,031
Beaufort	23,252	12,518	10,734	McCormick	113,878	103,611	10,267
Berkeley	53,307	35,812	17,495	Marion	31,106	13,573	17,533
Calhoun	4,371	3,445	926	Marlboro	23,332	6,810	16,522
Charleston	37,551	18,764	18,787	Newberry	110,478	80,785	29,693
Cherokee	19,681	16,916	2,765	Oconee	42,090	31,031	11,059
Chester	119,187	101,606	17,581	Orangeburg	61,744	55,789	5,955
Chesterfield	96,260	74,336	21,924	Pickens	34,855	23,543	11,312
Clarendon	37,096	30,393	6,703	Richland	77,810	68,228	9,582
Colleton	57,532	23,063	34,469	Saluda	63,653	52,134	11,519
Darlington	32,577	15,033	17,544	Spartanburg	48,672	41,887	6,785
Dillon	23,196	11,723	11,473	Sumter	34,681	30,603	4,078
Dorchester	43,512	15,726	27,786	Union	85,705	63,874	21,831
Edgefield	89,882	69,652	20,230	Williamsburg	68,122	42,236	25,886
Fairfield	130,014	107,329	22,685	York	90,308	64,390	25,918
Florence	37,053	18,700	18,353	All counties	2,762,609	2,101,528	661,081
Georgetown	93,150	75,826	17,324				
Greenville	14,953	11,742	3,211				
Greenwood	90,109	76,135	13,974				
Hampton	83,689	53,105	30,584				
Horry	91,704	59,751	31,953				

Table 16.--Round pulpwood production in Tennessee, 1979

County ¹	All species	Softwood	Hardwood	County ¹	All species	Softwood	Hardwood
----- Standard cords -----				----- Standard cords -----			
Anderson	12,204	5,300	6,904	Jefferson	714	605	109
Benton	4,646	66	4,580	Johnson	2,618	0	2,618
Bledsoe	16,175	3,933	12,242	Knox	5,145	4,526	619
Blount	6,294	4,184	2,110	Lauderdale	104	28	76
Bradley	30,761	25,772	4,989	Lawrence	15,560	8,251	7,309
Campbell	1,277	404	873	Lewis	6,625	1,661	4,964
Carroll	3,482	124	3,358	Loudon	3,768	1,830	1,938
Carter	5,746	0	5,746	McMinn	19,480	16,712	2,768
Chester	8,489	3,996	4,493	McNairy	11,092	9,796	1,296
Claiborne	808	808	0	Macon	8,071	0	8,071
Clay	4,541	0	4,541	Madison	270	270	0
Cocke	4,158	1,504	2,654	Marion	6,437	0	6,437
Coffee	8,974	4,134	4,840	Meigs	14,836	11,846	2,990
Crockett	3	0	3	Monroe	23,603	18,410	5,193
Cumberland	17,061	7,740	9,321	Montgomery	3,567	1,929	1,638
Davidson	1,255	0	1,255	Morgan	11,361	5,230	6,131
Decatur	2,248	2,177	71	Perry	4,857	136	4,721
Dickson	186	0	186	Pickett	11,737	3	11,734
Dyer	12	3	9	Polk	9,537	7,512	2,025
Fayette	13	13	0	Putnam	14,593	0	14,593
Fentress	6,733	0	6,733	Rhea	12,386	6,555	5,831
Franklin	9,679	0	9,679	Roane	16,010	3,285	12,725
Gibson	2,830	2,825	5	Rutherford	5,703	5,703	0
Giles	12,114	2,507	9,607	Scott	13,010	7,731	5,279
Grainger	161	161	0	Sequatchie	7,804	781	7,023
Greene	7,125	1,214	5,911	Sevier	445	372	73
Grundy	13,587	4,124	9,463	Shelby	1	1	0
Hamblen	765	92	673	Stewart	418	0	418
Hamilton	7,372	5,583	1,789	Sullivan	5,600	0	5,600
Hancock	1,972	8	1,964	Tipton	14	14	0
Hardeman	9,799	5,305	4,494	Union	678	242	436
Hardin	18,811	5,867	12,944	Warren	5,056	216	4,840
Hawkins	21,112	2,521	18,591	Washington	1,600	0	1,600
Henderson	5,047	3,232	1,815	Wayne	82,752	21,213	61,539
Henry	2,475	4	2,471	Weakley	3,968	62	3,906
Hickman	20,051	278	19,773	White	8,317	0	8,317
Houston	3	0	3				
Humphreys	41,312	0	41,312				
				All counties	647,018	228,799	418,219

¹Counties with no pulpwood production are omitted.

Table 17.--Round pulpwood production in Texas, 1979

County ¹	All species	Softwood	Hardwood	County	All species	Softwood	Hardwood
- - - - Standard cords - - - -				- - - - Standard cords - - - -			
Anderson	38,979	37,485	1,494	Montgomery	42,828	37,945	4,883
Angelina	57,545	50,342	7,203	Morris	20,690	16,673	4,017
Bowie	58,151	36,920	21,231	Nacogdoches	75,885	57,585	18,300
Camp	20,541	15,978	4,563	Newton	144,042	104,599	39,443
Cass	137,693	106,311	31,382	Orange	17,695	11,266	6,429
Chambers	210	204	6	Panola	110,440	98,453	11,987
Cherokee	97,521	88,300	9,221	Polk	342,985	301,229	41,756
Franklin	3,638	3,096	542	Rains	83	83	0
Gregg	2,985	2,226	759	Red River	17,249	11,909	5,340
Grimes	11,277	10,924	353	Rusk	65,825	53,086	12,739
Hardin	111,306	79,430	31,876	Sabine	52,562	42,142	10,420
Harris	1,405	866	539	San Augustine	44,703	35,023	9,680
Harrison	66,493	54,006	12,487	San Jacinto	58,264	53,111	5,153
Henderson	8	8	0	Shelby	114,820	104,450	10,370
Hopkins	22	0	22	Smith	29,331	26,372	2,959
Houston	66,874	57,831	9,043	Titus	3,226	2,306	920
Hunt	3	3	0	Trinity	248,804	245,958	2,846
Jasper	130,213	101,478	28,735	Tyler	110,378	65,599	44,779
Jefferson	958	634	324	Upshur	52,026	47,103	4,923
Leon	75	75	0	Walker	31,635	25,694	5,941
Liberty	30,881	18,186	12,695	Wood	8,161	6,033	2,128
Madison	91	91	0	All counties	2,504,252	2,057,006	447,246
Marion	75,751	45,993	29,758				

¹Counties with no pulpwood production are omitted.

Table 18.--Round pulpwood production in Virginia, 1979

County ¹	All species	Softwood	Hardwood	County ¹	All species	Softwood	Hardwood
----- Standard cords -----				----- Standard cords -----			
Accomack	13,761	13,613	148	Lancaster	3,797	1,882	1,915
Albemarle	35,003	21,963	13,040	Lee	3,930	5	3,925
Alleghany	15,501	3,037	12,464	Loudoun	529	251	278
Amelia	33,306	17,927	15,379	Louisa	16,466	13,635	2,831
Amherst	39,072	12,638	26,434	Lunenburg	24,702	13,188	11,514
Appomattox	62,837	46,759	16,078	Madison	1,258	927	331
Augusta	14,782	2,121	12,661	Mathews	817	531	286
Bath	12,388	732	11,656	Mecklenburg	52,315	30,244	22,071
Bedford	55,946	22,662	33,284	Middlesex	6,752	4,660	2,092
Bland	17	0	17	Montgomery	21	0	21
Botetourt	19,885	4,466	15,419	Nelson	50,074	20,006	30,068
Brunswick	70,155	44,100	26,055	New Kent	20,497	12,133	8,364
Buchanan	34	5	29	Newport News	5	5	0
Buckingham	113,679	54,491	59,188	Northampton	3,709	502	3,207
Campbell	69,741	50,191	19,550	Northumberland	1,257	485	772
Caroline	19,270	14,504	4,766	Nottoway	27,755	14,030	13,725
Carroll	15	9	6	Orange	5,021	3,143	1,878
Charles City	14,016	4,013	10,003	Page	6	6	0
Charlotte	50,668	28,267	22,401	Patrick	1,890	1,206	684
Chesapeake	3,752	3,405	347	Pittsylvania	86,875	71,322	15,553
Chesterfield	6,026	4,816	1,210	Powhatan	13,767	7,341	6,426
Clarke	18	18	0	Prince Edward	57,356	34,512	22,844
Craig	10,291	2,863	7,428	Prince George	16,005	6,135	9,870
Culpeper	954	869	85	Prince William	6,444	3,955	2,489
Cumberland	39,436	25,625	13,811	Pulaski	2,909	224	2,685
Dickenson	4	0	4	Rappahannock	48	31	17
Dinwiddie	24,219	11,992	12,227	Richmond	4,263	2,669	1,594
Essex	9,783	8,408	1,375	Roanoke	116	3	113
Fairfax	3,077	2,588	489	Rockbridge	26,914	5,600	21,314
Fauquier	2,342	1,900	442	Rockingham	2,071	563	1,508
Floyd	2,996	47	2,949	Russell	326	0	326
Fluvanna	23,520	14,849	8,671	Scott	7,064	0	7,064
Franklin	34,365	22,294	12,071	Shenandoah	2,676	1,538	1,138
Frederick	7,365	6,001	1,364	Smyth	4,239	0	4,239
Giles	5	2	3	Southampton	45,974	13,678	32,296
Gloucester	6,503	4,006	2,497	Spotsylvania	17,233	10,574	6,659
Goochland	13,269	10,064	3,205	Stafford	1,035	811	224
Grayson	3	0	3	Suffolk	20,755	7,860	12,895
Greene	733	664	69	Surry	24,490	5,652	18,838
Greensville	26,325	10,596	15,729	Sussex	31,498	18,862	12,636
Halifax	39,521	20,704	18,817	Tazewell	4	4	0
Hanover	9,395	6,804	2,591	Virginia Beach	4,143	2,351	1,792
Henrico	1,666	766	900	Warren	923	911	12
Henry	23,032	19,024	4,008	Washington	3,804	0	3,804
Highland	2,557	39	2,518	Westmoreland	2,472	2,199	273
Isle of Wight	17,939	6,125	11,814	Wise	6,847	0	6,847
James City	6,459	1,856	4,603	Wythe	3,260	0	3,260
King and Queen	54,670	39,938	14,732	York	1,285	576	709
King George	2,334	2,046	288	All counties	1,638,548	891,856	746,692
King William	10,316	7,839	2,477				

¹Counties with no pulpwood production are omitted.

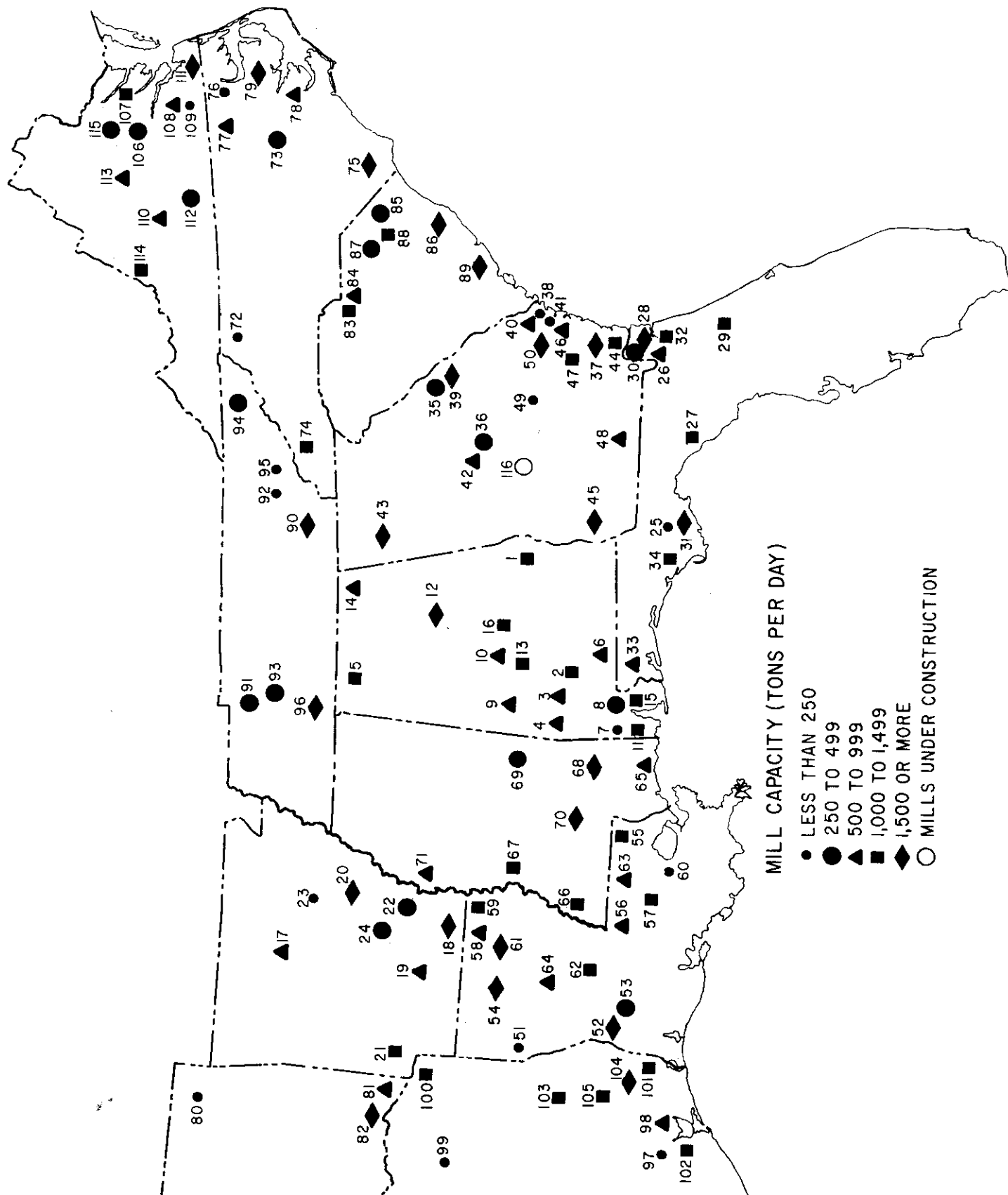


Table 19.--Southern pulpmills, by process and capacity, 1979

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 Inc.	600	600	--	--	--
Naheola	(4)	American Can Co.	900	900	--	--	--
Courtland	(5)	Champion International Corp.	1,300	1,300	--	--	--
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.	525	525	--	--	--
Selma	(10)	Hammermill Paper Co.	530	530	--	--	--
Mobile	(11)	International Paper Co.	1,261	1,035	226	--	--
Coosa Pines	(12)	Kimberly-Clark Corp.	1,940	1,000	940	--	--
Pine Hill	(13)	McMillan Bloedel Inc.	1,100	1,100	--	--	--
Stevenson	(14)	Mead Paperboard	775	--	--	775	--
Mobile	(15)	Scott Paper Co.	1,400	1,400	--	--	--
Montgomery	(16)	Union Camp Corp.	1,000	1,000	--	--	--
Total			14,556	12,190	1,416	950	--
ARKANSAS							
Morrilton	(17)	Arkansas Kraft Corp.	800	800	--	--	--
Crossett	(18)	Georgia-Pacific Corp.	1,700	1,700	--	--	--
Camden	(19)	International Paper Co.	750	750	--	--	--
Pine Bluff	(20)	International Paper Co.	1,700	1,300	400	--	--
Ashdown	(21)	Nekoosa Papers Inc.	1,300	1,300	--	--	--
McGehee	(22)	Potlatch Corp.	450	450	--	--	--
Little Rock	(23)	Superwood Corp.	140	--	140	--	--
Pine Bluff	(24)	Weyerhaeuser Co.	250	250	--	--	--
Total			7,090	6,550	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)	Georgia-Pacific Corp.	1,150	1,150	--	--	--
Fernandina Beach	(30)	I.T.T. Rayonier Inc.	400	--	--	--	400
Port St. Joe	(31)	St. Joe Paper Co.	1,700	1,700	--	--	--
Jacksonville	(32)	St. Regis Paper Co.	1,400	1,400	--	--	--
Pensacola	(33)	St. Regis Paper Co.	950	950	--	--	--
Panama City	(34)	Southwest Forest Industries, Inc.	1,415	1,415	--	--	--
Total			10,716	10,116	200	--	400

Continued

Table 19.--Southern pulpmills, by process and capacity, 1979--Continued

Location	Map code ¹	Company	Pulping capacity, 24 hours ²				
			All processes	Sulfate	Groundwood and other mechanical	Semi- chemical	Soda and sulfite
			----- Tons -----				
GEORGIA							
Augusta	(35)	Abitibi Southern Corp.	400	--	400	--	--
Macon	(36)	Armstrong Cork Co.	400	--	400	--	--
Brunswick	(37)	Brunswick Pulp and Paper Co.	1,675	1,675	--	--	--
Savannah	(38)	Certain-teed Products Corp.	80	--	--	80	--
Augusta	(39)	Continental Forest Industries	1,600	1,200	400	--	--
Port Wentworth	(40)	Continental Forest Industries	700	700	--	--	--
Savannah	(41)	GAF Corp.	125	--	50	75	--
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	--	--	--
Dublin	(49)	Southeast Paper Mfg. Co.	70	--	70	--	--
Savannah	(50)	Union Camp Corp.	3,100	2,700	--	400	--
Total			16,711	14,436	1,320	955	--
LOUISIANA							
Shreveport	(51)	Bird and Son, Inc.	225	--	--	225	--
DeRidder	(52)	Boise Southern Co.	1,500	1,050	450	--	--
Elizabeth	(53)	Calkraft Paper Co.	305	305	--	--	--
Hodge	(54)	Continental Forest Industries	1,650	1,400	--	250	--
Bogalusa	(55)	Crown Zellerbach Corp.	1,450	1,300	--	150	--
St. Francisville	(56)	Crown Zellerbach Corp.	805	550	255	--	--
Port Hudson	(57)	Georgia-Pacific Corp.	1,285	1,285	--	--	--
Bastrop	(58)	International Paper Co. (Bastrop Mill)	600	--	--	600	--
Bastrop	(59)	International Paper Co. (Louisiana Mill)	1,100	1,100	--	--	--
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.	805	550	255	--	--
Campti	(64)	Western Kraft Corp.	930	850	80	--	--
Total			13,735	11,090	1,170	1,475	--

Continued

Table 19.--Southern pulp mills, by process and capacity, 1979--Continued

Location	Map code	Company	Pulping capacity, 24 hours ²				
			All processes	Sulfate	Groundwood and other mechanical	Semi- chemical	Soda and sulfite
			----- Tons -----				
MISSISSIPPI							
Moss Point	(65)	International Paper Co.	700	700	--	--	--
Natchez	(66)	International Paper Co.	1,100	1,100	--	--	--
Vicksburg	(67)	International Paper Co.	1,200	1,200	--	--	--
Laurel	(68)	Masonite Corp.	2,275	--	2,275	--	--
Meridian	(69)	Owens-Corning Fiberglass Corp.	250	--	250	--	--
Monticello	(70)	St. Regis Paper Co.	1,620	1,620	--	--	--
Greenville	(71)	United States Gypsum Co.	500	--	500	--	--
Total			7,645	4,620	3,025	--	--
NORTH CAROLINA							
Roaring River	(72)	Abitibi Corp.	150	--	150	--	--
Goldsboro	(73)	The Celotex Corp.	300	--	200	100	--
Canton	(74)	Champion International Corp.	1,380	1,380	--	--	--
Riegelwood	(75)	Federal Paper Board Co., Inc.	1,600	1,600	--	--	--
Conway	(76)	Georgia-Pacific Corp.	240	--	240	--	--
Roanoke Rapids	(77)	Hoerner Waldorf Div., Champion International Corp.	940	940	--	--	--
New Bern	(78)	Weyerhaeuser Co.	725	725	--	--	--
Plymouth	(79)	Weyerhaeuser Co.	2,100	1,850	--	250	--
Total			7,435	6,495	590	350	--
OKLAHOMA							
Pryer	(80)	Georgia-Pacific Corp.	150	--	150	--	--
Broken Bow	(81)	Weyerhaeuser Co.	920	--	920	--	--
Valiant	(82)	Weyerhaeuser Co.	2,000	1,500	--	500	--
Total			3,070	1,500	1,070	500	--
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.	432	--	--	432	--
Florence	(88)	South Carolina Industries, Inc.	1,400	1,400	--	--	--
Charleston	(89)	Westvaco Corp.	2,000	2,000	--	--	--
Total			7,972	6,050	1,010	912	--

Continued

Table 19.--Southern pulpmills, by process and capacity, 1979--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.	400	--	--	400	--
Kingsport	(94)	Mead Paper	250	--	--	--	250
Knoxville	(95)	Tamko Asphalt Products, Inc.	120	--	120	--	--
Counce	(96)	Tennessee River Pulp and Paper Co.	1,500	1,500	--	--	--
Total			4,385	2,000	1,045	890	450
TEXAS							
Houston	(97)	The Celotex Corp.	50	--	50	--	--
Pasadena	(98)	Champion International Corp.	750	750	--	--	--
Dallas	(99)	GAF Corp.	70	--	70	--	--
Texarkana	(100)	International Paper Co.	1,200	1,200	--	--	--
Orange	(101)	Owens-Illinois Inc.	1,200	1,200	--	--	--
Houston	(102)	St. Regis Paper Co.	1,450	650	800	--	--
Lufkin	(103)	St. Regis Paper Co.	1,200	400	800	--	--
Evadale	(104)	Temple-EastTex Inc.	1,500	1,500	--	--	--
Diboll	(105)	Temple Industries Div., Temple-EastTex Inc.	1,430	--	1,430	--	--
Total			8,850	5,700	3,150	--	--
VIRGINIA							
Ashland	(106)	Bear Island Paper Co.	520	--	--	520	--
West Point	(107)	The Chesapeake Corp. of Va.	1,450	1,450	--	--	--
Hopewell	(108)	Continental Forest Industries	874	874	--	--	--
Jarratt	(109)	Georgia-Pacific Corp.	240	--	240	--	--
Big Island	(110)	Owens-Illinois, Forest Products Div.	525	--	--	525	--
Franklin	(111)	Union Camp Corp.	1,800	1,800	--	--	--
Danville	(112)	United States Gypsum Co.	375	--	375	--	--
Riverville	(113)	Virginia Fiber Corp.	500	--	--	500	--
Covington	(114)	Westvaco Corp.	1,304	1,144	--	160	--
Doswell	(115)	Weyerhaeuser Co. (Closed in early 1979)	300	--	300	--	--
Total			7,888	5,268	915	1,705	--
Total South			110,053	86,015	15,451	7,737	850

¹Corresponds to numbers at locations on mill capacity map, page 17.²Southern Pulp and Paper Manufacturer, Vol. 42, No. 10 (October 1979); and other sources.

Table 20.--Other mills using southern pulpwood in 1979, by process and capacity

Location	Company	Pulping capacity, 24 hours				
		All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfite
<u>Tons</u>						
ILLINOIS						
Chicago	Bird and Son, Inc.	42	--	--	24	--
Peoria	The Celotex Corp.	240	--	240	--	--
Wilmington	The Celotex Corp.	30	--	30	--	--
Joliet	GAF Corp.	100	--	100	--	--
KENTUCKY						
Hawesville	Western Kraft	300	--	--	300	--
Wickliffe	Westvaco Corp.	600	600	--	--	--
MARYLAND						
Luke	Westvaco Corp.	758	758	--	--	--
MISSOURI						
Kansas City	GAF Corp.	120	--	120	--	--
OHIO						
Franklin	Bird and Son, Inc.	60	--	60	--	--
Cincinnati	The Celotex Corp.	100	100	--	--	--
Franklin	Georgia-Pacific Corp.	85	--	85	--	--
PENNSYLVANIA						
Roaring Springs	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
<u>Tons</u>			
GEORGIA			
Oglethorpe	116	Buckeye Cellulose Corp.	880

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

Bellamy, Thomas R., and Cecil C. Hutchins, Jr.

1981. Southern pulpwood production, 1979. USDA For. Serv.,
Resour. Bull. SE-57, 22 p. Southeast. For. Exp. Stn.,
Asheville, N.C.

Pulpwood production in the South rose a modest 7 percent in 1979 to 54 million cords. Of the increase, 55 percent was from roundwood and 45 percent was from plant byproducts. Pulping capacity of the 115 mills in the South also rose 7 percent to over 110,000 tons per day.

KEYWORDS: Pulpwood, roundwood, residues, pulp mills.



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