

COTTON QUALITY - UNITED STATES
1989 Crop

Grade. Grade 31 was the predominant grade of upland cotton classed from the 1989 crop and accounted for 32 percent of classings, according to the Cotton Division, Agricultural Marketing Service, USDA. Grade 31 was predominant the previous year and made up 36 percent of the crop. Grades 31 and higher, at 36 percent, made up the second largest percentage of classings since 1961, down from 43 percent a year earlier. Grades 41 and higher comprised 70 percent of classings, the second largest since 1958, and was down from 76 percent in 1988. All white grades accounted for the second largest proportion of any crop since 1959. These grades represented 77 percent of classings against 82 percent last year. Light Spotted grades accounted for about 16 percent of the 1989 crop, the same as the previous year. This was the smallest percentage in these grades since comparable records were established in 1958. Spotted grades made up 5 percent of classings this season, the largest proportion since 1986, and compares with 1 percent a year ago. Below Grade, Tinged and other colored grades accounted for 3 percent, up from 1 percent last year.

Staple. The average staple length of upland cotton classed from the 1989 crop was 34.7 thirty-seconds inches. This tied with the average staple length for the 1984 crop which was the longest since records began in 1940 and was up from 34.5 last year. The predominant staple was shared between staples 35 and 36, each accounting for 31 percent of classings. Staples 35 and 36 were the predominant lengths last year, each accounting for 25 percent of classings. Staples 31 and shorter made up 8 percent of classings this season and 9 percent in 1988. Staples 32 and 33, at 13 percent, comprised the smallest proportion since the crop of 1984, and compares with 20 percent the previous year. Staples 34 and 35 made up 42 percent of the crop, up from 36 percent a year earlier. Staples 36 and longer accounted for 38 percent of classings, the largest percentage since 1984, and compares with 36 percent in 1988.

Mike. The average mike of upland cotton classed from the 1989 crop was 40, the lowest average since 1984, and was down from 41 the previous year. Cotton with mike 34 and lower made up 17 percent of classings against 10 percent in 1988. Cotton in the mike 35 to 49 range, at 79 percent, accounted for the smallest percentage in this range since the crop of 1986, and compares with 87 percent last year. Cotton with mike 50 and higher made up 4 percent, up from 3 percent a year ago.

Strength. The average fiber strength of upland cotton classed from the 1988 crop was 26.8 grams per tex. This was the second strongest average since records began in 1980, and compares with 25.8 last year. Strengths in the 19 and lower range accounted for less than 1 percent of classings compared with 1 percent in 1988. About 11 percent of classings had strengths in the 20 to 23 range, down from 17 percent last year. Cotton with strengths of 24 to 27 grams per tex accounted for 51 percent of classings, down from 57 percent in 1988. Strengths in the 28 and higher range comprised 38 percent of classings against 26 percent a year ago.

American Pima. Grades 3 and higher made up 65 percent of classings from the 1989 crop, the same as the previous year. Grade 3 was the predominant grade both years, accounting for 56 and 57 percent in 1989 and 1988, respectively. The average staple length was 45.2 thirty-seconds inches against 45.5 a year ago. Staple 46 was the predominant length both years comprising 57 percent of classings this season and 58 percent in 1988. Average mike was 38 compared with 39 last year. Production of American Pima cotton in 1989 was the largest on record, exceeding the previous record high produced in 1988.

Ginnings of 1989-crop cotton in the United States totaled 11,883,851 running bales, according to the Bureau of the Census. This total includes 11,208,986 bales of upland and 674,865 bales of American Pima cotton. The number of active gins for the 1989 crop was 1,583 against 1,645 for 1988 and 1,651 for 1987.

June 4, 1990

Table 1. -- Grade and staple of upland cotton classed in the United States, 1989 crop

Grade	Staple															All staples	
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer			
White:	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Pct.
11	0	1	10	32	121	189	320	639	1,707	884	132	28	1	0	4,064	*	
21	20	403	2,330	10,154	23,865	31,557	34,142	47,874	133,583	105,138	20,062	5,654	937	55	415,775	3.8	
30	0	0	0	26	61	107	93	243	1,292	2,245	725	41	8	1	4,842	*	
31	96	1,394	7,278	32,256	80,227	114,766	146,019	339,855	1,207,064	1,337,163	201,197	42,857	12,053	1,745	3,523,970	32.2	
40	1	37	333	1,349	3,853	5,985	5,994	12,890	59,701	135,578	32,719	5,720	928	80	265,170	2.4	
41	27	271	1,911	9,664	33,737	64,790	128,117	392,040	1,317,636	1,213,597	228,301	35,843	8,305	1,232	3,435,470	31.4	
50	0	4	14	54	205	445	1,368	8,892	50,373	63,879	13,063	937	102	6	139,342	1.3	
51	5	27	296	1,433	5,281	11,878	26,838	70,384	182,313	189,996	48,988	5,122	471	58	543,090	5.0	
60	0	0	0	1	2	3	21	75	315	403	85	7	1	1	915	*	
61	0	0	28	149	576	1,676	4,033	9,645	17,345	13,677	3,682	438	28	2	51,279	0.5	
70	0	0	0	0	0	1	0	3	0	5	1	0	0	0	10	*	
71	0	0	3	10	49	197	454	1,135	1,508	1,039	249	16	2	0	4,663	*	
Total	149	2,138	12,204	55,128	147,977	231,595	347,399	883,676	2,972,836	3,063,604	549,204	96,663	22,836	3,180	8,388,590	76.6	
Light Spotted:																	
12	0	0	2	5	10	20	28	16	27	4	4	1	0	0	117	*	
22	32	374	1,890	6,933	13,999	17,125	14,264	7,946	4,018	1,662	671	248	18	4	69,184	0.6	
32	267	2,842	12,561	42,583	93,017	114,443	102,469	93,043	99,628	50,938	14,858	7,004	2,734	1,370	637,777	5.8	
42	84	1,013	4,666	20,288	57,314	85,732	91,809	109,284	207,538	171,000	42,850	9,782	2,741	1,261	805,362	7.3	
52	8	123	705	2,988	8,022	12,372	14,327	26,974	54,217	52,510	13,660	1,437	201	43	187,586	1.7	
62	2	18	49	271	754	2,145	3,949	9,760	12,186	7,794	1,937	229	17	4	39,114	0.4	
Total	413	4,370	19,873	73,068	173,116	231,837	226,845	247,022	377,614	283,908	73,980	18,702	5,712	2,682	1,739,141	15.8	
Spotted:																	
13	0	0	3	7	10	13	17	14	18	13	7	2	0	1	105	*	
23	16	239	1,268	4,600	8,890	9,277	7,063	2,709	644	162	30	7	2	0	34,848	0.3	
33	125	1,896	10,446	33,685	59,838	60,089	43,095	17,048	6,126	2,336	377	55	13	6	235,137	2.1	
43	31	813	5,728	21,878	49,482	60,973	52,090	25,533	12,049	7,779	2,020	240	56	12	238,684	2.2	
53	5	124	688	2,535	6,847	8,494	6,193	3,972	3,987	2,826	853	68	12	5	36,607	0.3	
63	0	4	32	173	656	1,054	947	991	1,164	720	227	28	5	2	6,002	0.1	
Total	177	3,076	18,165	62,879	125,662	139,900	109,406	50,267	23,987	13,835	3,514	400	88	26	551,383	5.0	
Tinged:																	
24	4	45	203	757	1,131	1,000	650	206	21	7	1	0	0	2	4,027	*	
34	158	1,776	8,478	20,786	25,678	18,370	8,789	2,643	509	170	36	3	3	45	87,445	0.8	
44	106	1,520	7,359	16,979	24,058	21,222	13,506	4,970	1,144	507	155	18	9	11	91,565	0.8	
54	11	242	1,131	2,533	4,461	4,613	2,593	932	375	220	75	10	3	3	17,203	0.2	
Total	279	3,583	17,170	41,055	55,328	45,205	25,538	8,752	2,050	905	267	31	15	61	200,240	1.8	
Stained:																	
25	0	11	12	20	52	23	11	6	4	3	0	0	0	0	142	*	
35	46	305	924	1,618	1,503	788	256	57	32	8	1	2	1	0	5,542	0.1	
Total	46	316	936	1,638	1,555	811	267	63	36	11	1	2	1	0	5,684	0.1	
Light Gray:																	
16	0	0	0	1	2	2	15	39	40	10	0	0	0	0	109	*	
26	1	0	16	52	301	840	2,953	7,499	17,111	7,609	567	23	1	0	36,972	0.3	
36	0	0	1	14	118	349	1,085	2,241	4,380	4,137	174	16	0	0	12,515	0.1	
46	1	0	0	4	23	63	179	360	574	513	27	0	0	1	1,746	*	
Total	2	0	17	71	444	1,254	4,232	10,139	22,105	12,269	768	39	1	1	51,342	0.4	
Gray:																	
17	0	0	0	1	2	9	24	17	16	2	0	0	0	0	71	*	
27	0	0	0	0	6	26	87	277	292	89	2	0	0	0	780	*	
37	0	0	0	1	10	11	29	85	212	162	13	3	0	1	527	*	
47	0	1	0	1	3	3	14	46	90	43	3	0	0	0	204	*	
Total	0	1	0	3	21	49	154	425	611	296	18	3	0	1	1,582	*	
Below Grade 1/	138	981	2,113	2,556	2,502	2,425	2,042	2,782	2,535	1,392	300	48	19	10	19,845	0.2	
All grades	1,205	14,465	70,478	236,399	506,606	653,076	715,883	1,203,126	3,401,774	3,376,220	628,052	115,888	28,672	5,961	10,957,806	100.0	
Pct. all grades	*	0.1	0.6	2.2	4.6	6.0	6.5	11.0	31.0	30.8	5.7	1.1	0.3	0.1	100.0		

1/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple.....	34.7
Percent tenderable.....	62.9
Percent Average Rule Used (ARU).....	1.4
Percent grade reductions.....	12.2

NOTE: Totals may not add due to rounding.

Table 2. -- Grade and staple of upland cotton classed in the United States, 1988 crop

Grade	Staple															All staples
	: 26 and : : shorter:	28	29	30	31	32	33	34	35	36	37	38	39	: 40 and : : longer :		
White:	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	
11	0	3	33	221	1,034	1,704	1,868	1,166	1,401	1,705	389	15	0	0	9,540	
21	121	787	5,244	24,925	92,281	155,092	160,754	83,466	94,022	341,268	135,112	2,343	77	2	1,095,494	
30	0	10	83	306	1,163	1,616	1,572	980	733	3,776	4,378	172	17	2	14,807	
31	463	3,930	22,371	106,552	366,397	574,117	589,111	462,049	835,587	1,347,468	800,127	21,219	1,383	218	5,130,992	
40	108	968	4,965	19,364	56,368	66,965	41,874	28,037	46,241	55,967	58,615	2,660	186	22	382,339	
41	373	2,843	13,302	56,350	185,560	286,852	315,459	508,499	1,581,563	1,117,790	313,858	19,305	1,570	226	4,403,551	
50	19	184	614	1,981	4,709	6,098	5,389	7,585	41,440	44,240	11,801	912	88	9	125,071	
51	74	638	3,012	11,682	36,876	61,266	64,857	84,322	201,504	178,069	43,987	2,927	215	29	689,458	
60	0	0	2	10	17	22	35	118	421	574	129	7	0	0	1,336	
61	5	60	305	1,146	3,531	6,528	7,719	10,604	16,377	12,316	2,680	176	9	1	61,657	
70	0	0	0	3	2	5	1	3	6	11	3	0	0	0	34	
71	1	2	9	57	245	458	745	821	1,058	802	228	9	0	0	4,434	
Total	1,165	9,426	49,941	222,597	748,184	1,160,724	1,189,383	1,187,650	2,820,353	3,103,986	1,371,508	49,744	3,545	509	11,918,715	
Light Spotted:																
12	0	1	18	41	118	182	151	79	27	11	5	0	0	0	633	
22	13	376	1,696	4,775	11,165	13,659	10,712	5,463	4,454	4,892	1,130	51	2	1	58,390	
32	141	2,023	9,508	29,936	72,806	90,470	80,941	91,148	166,190	121,684	40,947	4,018	755	156	710,723	
42	198	2,343	8,973	26,281	60,501	80,088	91,452	171,544	408,113	248,812	59,207	5,531	862	541	1,164,445	
52	82	892	3,826	10,584	20,138	27,145	33,740	56,749	104,017	71,874	16,991	1,380	113	103	347,636	
62	10	126	531	1,705	3,034	4,631	7,940	15,961	17,657	9,090	1,978	194	19	6	62,883	
Total	444	5,762	24,552	73,321	167,763	216,175	224,936	340,944	700,458	456,363	120,260	11,174	1,751	807	2,344,711	
Spotted:																
13	0	0	1	6	28	22	21	18	19	24	26	1	0	0	169	
23	0	16	109	241	619	774	666	483	334	285	66	1	2	0	3,616	
33	14	168	650	1,307	2,799	3,451	4,073	3,770	5,029	2,704	739	111	37	6	24,858	
43	24	281	1,179	2,367	3,960	4,818	5,976	8,387	17,231	10,964	2,682	171	43	3	58,085	
53	8	129	503	1,191	1,962	2,545	3,411	4,327	6,747	4,158	1,122	81	3	0	26,188	
63	0	23	88	258	546	749	1,227	1,967	2,058	1,123	265	18	3	4	8,329	
Total	46	617	2,531	5,372	9,914	12,358	15,393	18,952	31,418	19,259	4,900	383	88	13	121,245	
Tinged:																
24	0	0	0	7	12	8	14	8	8	11	2	0	0	0	70	
34	0	13	63	151	245	263	213	191	269	283	38	2	0	5	1,735	
44	0	10	115	259	410	379	431	664	1,333	892	183	11	0	1	4,688	
54	1	1	30	135	290	438	381	380	782	696	216	20	0	0	3,370	
Total	1	24	209	552	957	1,088	1,039	1,244	2,392	1,882	439	33	0	6	9,864	
Stained:																
25	0	0	1	2	0	1	0	2	3	8	0	0	0	0	17	
35	0	0	0	6	13	5	8	15	29	13	3	0	0	4	96	
Total	0	0	1	8	13	6	8	17	32	21	3	0	0	4	113	
Light Gray:																
16	0	0	0	0	4	0	10	14	13	9	0	0	0	0	50	
26	0	6	36	101	272	639	2,399	11,178	17,609	5,059	750	54	0	0	38,103	
36	0	5	21	56	199	579	1,504	2,684	3,174	1,656	384	3	1	2	10,268	
46	0	0	5	27	64	155	486	588	572	1,456	166	2	0	0	3,521	
Total	0	11	62	185	539	1,373	4,398	14,464	21,367	8,180	1,300	59	1	2	51,942	
Gray:																
17	0	0	0	0	0	0	1	9	1	0	0	0	0	0	11	
27	0	0	2	2	9	21	50	65	89	48	9	0	0	1	297	
37	0	0	1	3	22	75	128	108	174	79	50	1	3	7	652	
47	0	1	3	13	31	35	86	65	81	110	24	0	0	0	451	
Total	0	1	6	18	62	131	266	248	345	238	83	1	3	8	1,411	
Below Grade 1/	5	45	220	804	1,410	1,961	2,461	3,150	2,484	1,431	474	27	6	13	14,491	
All grades	1,661	15,886	77,523	302,857	928,842	1,393,817	1,437,884	1,566,668	3,578,850	3,591,360	1,498,966	61,422	5,395	1,362	14,462,493	
Pct. all grades	*	0.1	0.5	2.1	6.4	9.6	9.9	10.8	24.7	24.8	10.4	0.4	*	*	100.0	
1/ Lower in grade than the lowest grades of the official standards.																
* Less than 0.05 percent.																
NOTE: Totals may not add due to rounding.																
Average staple.....																34.5
Percent tenderable.....																60.5
Percent Average Rule Used (ARU).....																1.8
Percent grade reductions.....																8.4

Table 3. -- Percentage distribution of grade and staple for upland cotton classed through specified periods in the United States, 1969 crop

Grade and Staple	Through				Crop
	September 28	November 2	November 30	December 28	
Grade					
White:					
11	0.1	0.1	*	*	*
21	7.3	5.1	4.1	3.8	3.8
30	0.1	0.1	0.1	*	*
31	38.2	39.8	34.4	32.3	32.2
40	2.3	2.9	2.6	2.4	2.4
41	34.3	36.8	33.9	31.6	31.4
50	1.2	1.7	1.5	1.3	1.3
51	6.2	4.6	5.1	4.9	5.0
60	*	*	*	*	*
61	0.6	0.3	0.4	0.4	0.5
70	-	*	*	*	*
71	0.1	*	*	*	*
Total	90.4	91.4	82.1	76.7	76.6
Light Spotted:					
12	*	*	*	*	*
22	0.3	0.1	0.5	0.6	0.6
32	2.5	2.7	5.1	5.8	5.8
42	3.5	4.1	6.4	7.3	7.3
52	1.3	0.8	1.5	1.7	1.7
62	0.3	0.1	0.3	0.3	0.4
Total	7.9	7.8	13.8	15.7	15.8
Spotted:					
13	*	*	*	*	*
23	*	*	0.2	0.3	0.3
33	0.1	0.1	1.3	2.1	2.1
43	0.1	0.1	1.0	2.1	2.2
53	0.1	*	0.2	0.3	0.3
63	*	*	*	0.1	0.1
Total	0.3	0.2	2.7	4.9	5.0
Tinged:					
Total	*	*	0.8	1.7	1.8
Stained:					
All grades	*	*	*	*	0.1
Light Gray:					
All grades	1.3	0.4	0.5	0.4	0.4
Gray:					
All grades	*	*	*	*	*
Below Grade 1/					
All grades	*	*	0.1	0.2	0.2
All grades	100.0	100.0	100.0	100.0	100.0
STAPLE					
26 & shorter	*	*	*	*	*
28	0.2	*	0.1	0.1	0.1
29	0.9	0.2	0.4	0.6	0.6
30	3.3	0.7	1.5	2.1	2.2
31	7.5	1.8	3.4	4.6	4.6
32	10.1	2.8	4.6	5.9	6.0
33	12.6	4.6	5.6	6.5	6.5
34	18.1	12.2	11.2	11.0	11.0
35	25.0	36.9	33.5	31.2	31.0
36	16.1	33.6	32.9	31.1	30.8
37	5.5	6.0	5.7	5.7	5.7
38	0.6	0.9	0.9	0.9	1.1
39	0.1	0.2	0.2	0.2	0.3
40 & longer	*	*	*	*	0.1
All staples	100.0	100.0	100.0	100.0	100.0
Average staple	34.0	35.1	34.9	34.7	34.7
Classings	703,515	4,938,739	9,257,527	10,766,905	10,957,806

1/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

NOTE: Totals may not add due to rounding.

Table 4. -- Grade reductions by specified causes of upland cotton classed in the United States, by states, 1989 crop

State	Grade reductions by causes							
	Preparation	Bark	Dust	Grass	Oil	Spindle Twist	Other	Total
	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales
Alabama	90	24,486	0	6,989	17	7	4	31,593
Arizona	3,605	23,091	14	3,846	15	33	6,235	36,839
Arkansas	2,299	12,087	1	17,875	28	5	224	32,519
California	373	7,014	3	62,636	27	61	1,160	71,274
Georgia	662	23,131	0	16,862	13	11	32	40,711
Louisiana	89	17,143	2	30,752	34	18	9	48,047
Mississippi	1,784	51,891	1	27,004	72	67	112	80,931
Missouri	174	1,659	0	1,369	1	1	48	3,252
New Mexico	27	4,667	1	1,154	5	1	322	6,177
North Carolina	1,263	11,181	1	4,281	5	5	14	16,750
Oklahoma	8	76,015	1	1,101	8	2	3	77,138
South Carolina	2,365	12,316	3	3,390	4	13	2	18,093
Tennessee	52	3,881	1	3,841	30	154	75	8,034
Texas	854	820,047	30	28,073	155	175	3,825	853,159
United States	13,645	1,088,609	58	209,173	414	553	12,065	1,324,517

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Table 5. -- Tenderability of upland cotton classed, by states, 1989 crop

State	Tenderable 1/		Untenderable	
	Bales	Pct.	Bales	Pct.
Alabama	259,004	68.3	120,348	31.7
Arizona	385,553	62.9	227,115	37.1
Arkansas	647,563	77.3	189,835	22.7
California	2,177,625	92.1	186,688	7.9
Georgia	250,613	74.5	85,738	25.5
Louisiana	744,717	84.0	141,766	16.0
Mississippi	1,105,527	73.6	395,598	26.4
Missouri	214,562	81.2	49,522	18.8
New Mexico	32,661	48.0	35,367	52.0
North Carolina	99,057	69.5	43,503	30.5
Oklahoma	11,872	7.2	153,392	92.8
South Carolina	98,276	65.8	51,165	34.2
Tennessee	276,041	58.7	193,887	41.3
Texas	586,892	21.1	2,193,919	78.9

1/ Tenderable with respect to grade, staple and mike in settlement of New York No. 2 futures contracts.

Table 6. -- Tenderability of upland cotton classed in the United States, 1970-1989 crops

Year	Tenderable 1/		Untenderable	
	Bales	Pct.	Bales	Pct.
1970	6,342,553	63.1	3,712,684	36.9
1971	5,638,379	55.6	4,495,040	44.4
1972	7,279,575	55.3	5,895,947	44.7
1973	8,367,010	66.8	4,165,891	33.2
1974	6,651,985	59.2	4,587,750	40.8
1975	4,503,214	55.6	3,594,338	44.4
1976	5,767,782	56.1	4,516,274	43.9
1977	8,853,834	63.7	5,055,287	36.3
1978	5,711,866	54.6	4,747,335	45.4
1979	6,996,723	49.4	7,168,941	50.6
1980	5,405,563	50.4	5,316,703	49.6
1981	6,361,006	42.2	8,711,848	57.8
1982	7,166,579	62.7	4,263,069	37.3
1983	3,864,764	52.1	3,548,570	47.9
1984	5,414,575	43.6	7,004,174	56.4
1985	7,252,955	56.5	5,584,133	43.5
1986	4,073,446	44.1	5,163,393	55.9
1987	8,588,594	61.0	5,494,696	39.0
1988	8,743,021	60.5	5,719,472	39.5
1989	6,889,363	62.9	4,067,843	37.1

1/ 1970-1978 tenderable on New York No. 1 and No. 2 futures contracts; 1979-1981, New York No. 2; 1982, New York No. 2 and New Orleans; 1983-1984, New York No. 2; 1985, New York No. 2 and Chicago; and 1986-1989, New York No. 2.

Table 7. -- Alabama: Percentage distribution of grade and staple for upland cotton classed, 1989 crop 1/ 2/

Grade	Staple														All staple
	: 26 and : : shorter:	28	29	30	31	32	33	34	35	36	37	38	39	: 40 and : : longer :	
White:															
11	-	-	-	-	-	-	*	*	*	*	-	-	-	*	
21	-	-	-	-	*	*	*	0.1	0.1	0.1	*	*	-	0.	
30	-	-	-	-	-	-	*	-	*	*	-	-	-	*	
31	-	-	-	-	*	0.1	1.7	5.7	7.8	4.0	1.0	*	*	20.	
40	-	-	-	-	-	*	0.1	0.3	0.6	0.3	0.1	*	-	1.	
41	-	-	-	-	*	0.1	2.6	10.2	17.9	12.5	5.1	0.2	*	48.	
50	-	-	-	-	-	*	*	0.1	0.4	0.3	0.2	*	*	1.	
51	-	-	-	-	*	*	0.3	1.3	3.0	2.5	1.4	0.1	*	8.	
60	-	-	-	-	-	-	-	-	-	-	-	-	-	*	
61	-	-	-	-	*	*	0.1	0.2	0.3	0.2	0.1	*	*	0.	
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
71	-	-	-	-	-	*	*	*	*	*	*	-	-	*	
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	*	*	-	-	-	*	
22	-	-	-	-	-	-	*	*	*	*	*	*	-	*	
32	-	-	-	-	*	*	0.3	0.9	1.3	0.7	0.2	*	*	3.5	
42	-	-	-	-	*	*	0.5	2.0	3.7	2.8	1.4	0.1	*	10.5	
52	-	-	-	-	*	*	0.1	0.4	0.8	0.7	0.4	*	*	2.4	
62	-	-	-	-	-	*	*	0.1	0.1	0.1	*	*	*	0.4	
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	*	
23	-	-	-	-	-	-	-	-	*	*	-	-	-	*	
33	-	-	-	-	-	*	*	0.1	0.1	0.1	*	*	*	0.2	
43	-	-	-	-	*	*	*	0.1	0.3	0.2	0.1	*	*	0.9	
53	-	-	-	-	-	*	*	*	0.1	0.1	*	*	*	0.3	
63	-	-	-	-	-	*	*	*	*	*	*	*	*	*	
Tinged:															
24	-	-	-	-	-	-	-	*	-	-	-	-	-	*	
34	-	-	-	-	-	-	*	*	*	*	*	-	-	*	
44	-	-	-	-	*	*	*	*	*	*	*	*	*	0.1	
54	-	-	-	-	-	*	*	*	*	*	*	*	*	*	
Stained:															
25	-	-	-	-	-	-	-	*	-	-	-	-	-	*	
35	-	-	-	-	-	-	-	-	*	*	-	-	-	*	
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
26	-	-	-	-	-	*	*	*	*	*	*	-	-	0.1	
36	-	-	-	-	-	*	*	*	*	*	*	*	-	0.1	
46	-	-	-	-	-	-	*	*	*	*	*	-	-	*	
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
37	-	-	-	-	-	-	-	*	*	*	-	-	-	*	
47	-	-	-	-	-	-	*	*	*	*	*	-	-	*	
Below Grade 3/	-	-	-	-	-	-	*	*	*	*	*	-	-	*	
All grades	-	-	-	-	*	0.3	5.9	21.7	36.6	24.7	10.2	0.5	0.1	100.0	

1/ Classings, 379,352 running bales.

2/ Includes Florida.

3/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple..... 35.1

Percent tenderable..... 68.3

Percent Average Rule Used (ARU)... 1.5

Percent grade reductions..... 8.3

NOTE: Totals may not add due to rounding.

Table 7-a. -- Arizona: Percentage distribution of grade and staple for upland cotton classed, 1989 crop 1/

Grade	Staple														All staples
	: 26 and : : shorter:	28	29	30	31	32	33	34	35	36	37	38	39	: 40 and : : longer :	
White:															
11	-	-	-	-	-	*	*	0.1	0.1	-	*	-	-	-	0.2
21	-	-	-	*	*	*	0.1	0.8	4.2	3.6	-	0.1	*	*	9.6
30	-	-	-	-	-	*	*	*	0.1	-	*	-	-	-	0.2
31	-	-	*	*	*	*	0.3	4.3	28.1	23.2	3.6	0.5	0.1	*	60.1
40	-	-	-	-	-	*	*	0.2	0.3	0.1	*	*	*	*	0.6
41	-	-	-	*	*	*	0.1	2.2	7.9	4.7	0.7	0.1	*	*	15.7
50	-	-	-	-	-	*	*	0.1	0.1	*	*	*	*	*	0.2
51	-	-	-	*	*	*	0.1	0.5	0.8	0.3	0.1	*	*	*	1.8
60	-	-	-	-	-	-	-	*	*	-	*	-	-	-	*
61	-	-	-	*	*	*	0.1	0.3	0.2	*	*	*	*	-	0.7
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	*	*	*	*	*	*	*	*	*	-	-	0.1
Lt. Spotted:															
12	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
22	-	-	-	*	-	*	*	*	*	*	*	*	*	-	0.2
32	-	-	-	*	*	*	*	0.2	0.7	0.6	0.2	0.1	*	0.1	1.9
42	*	-	-	*	*	*	0.1	0.3	0.6	0.3	0.1	*	*	0.1	1.6
52	-	-	-	*	*	0.1	0.2	0.7	0.5	0.1	*	*	*	*	1.7
62	*	*	-	*	*	0.1	0.3	0.8	0.4	0.1	*	*	*	*	1.7
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	*	*	-	*	*	*	*	*	*	-	-	*
33	-	-	-	-	*	*	*	*	*	*	*	*	-	-	*
43	-	-	*	-	*	*	*	*	*	*	*	*	*	-	0.1
53	-	*	*	*	*	*	*	*	*	*	*	*	-	-	0.1
63	-	-	*	*	*	*	*	*	*	*	*	*	-	*	0.1
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	*	-	*	-	*	*	-	-	-	-	*
44	-	-	-	-	-	-	*	*	*	-	-	-	-	-	*
54	-	-	-	-	*	*	*	*	*	-	-	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	*	-	-	-	*	*	*	0.4	1.5	0.5	*	-	-	-	2.4
36	-	-	-	-	*	*	*	0.1	0.2	0.1	*	-	-	-	0.4
46	*	-	-	-	-	*	*	*	*	*	*	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
27	-	-	-	-	-	*	*	*	*	*	-	-	-	-	0.1
37	-	-	-	-	*	-	*	*	*	*	-	-	-	-	*
47	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
Below Grade 2/	*	*	*	*	*	*	0.1	0.3	0.1	*	*	*	-	*	0.6
All grades	*	*	*	*	*	0.4	1.4	11.2	45.9	34.2	5.6	0.8	0.2	0.3	100.0

1/ Classings, 612,668 running bales.

2/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple..... 35.3

Percent tenderable..... 62.9

Percent Average Rule Used (ARU).. 0.3

Percent grade reductions..... 6.2

NOTE: Totals may not add due to rounding.

Table 7-b. -- Arkansas: Percentage distribution of grade and staple for upland cotton classed, 1989 crop 1/

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
21	-	-	-	-	-	-	*	*	*	0.1	-	*	-	-	0.1
30	-	-	-	-	-	-	-	-	*	*	-	*	-	-	*
31	-	-	-	-	*	*	0.3	1.4	7.7	11.5	2.0	*	*	*	22.9
40	-	-	-	-	-	*	*	0.1	0.5	1.2	0.3	*	-	-	2.0
41	-	-	-	*	*	*	0.6	3.0	17.3	24.8	3.7	0.2	*	*	49.6
50	-	-	-	-	-	*	*	0.1	1.2	3.3	0.6	*	*	*	5.1
51	-	-	-	-	*	*	0.1	0.4	1.9	4.0	0.7	*	*	*	7.1
60	-	-	-	-	-	-	-	*	*	*	-	*	-	-	*
61	-	-	-	-	*	*	*	*	0.2	0.3	*	*	*	-	0.6
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	*	*	*	*	*	*	-	-	0.1
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
22	-	-	-	-	-	*	*	*	*	*	*	*	-	-	*
32	-	-	-	*	*	*	*	0.2	0.8	1.0	0.2	*	-	-	2.3
42	-	-	-	-	*	*	0.1	0.4	2.2	3.7	0.6	*	*	-	7.1
52	-	-	-	-	*	*	*	0.1	0.5	1.2	0.2	*	*	-	2.0
62	-	-	-	-	-	*	*	*	0.1	0.1	*	*	-	-	0.3
Spotted:															
13	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
23	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
33	-	-	-	-	-	-	*	*	*	*	*	-	*	-	0.1
43	-	-	-	-	-	*	*	*	0.1	0.1	*	*	-	-	0.2
53	-	-	-	-	-	-	*	*	*	*	*	*	-	-	0.1
63	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
Tinged:															
24	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
34	-	-	-	-	*	-	*	*	*	*	*	-	-	-	*
44	-	-	-	-	-	-	-	*	*	*	*	*	-	-	*
54	-	-	-	-	-	-	-	*	*	*	*	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	*	-	-	-	-	*	-	-	-	-	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	*	*	0.1	*	*	-	-	-	0.2
36	-	-	-	-	*	*	*	*	*	*	-	-	-	-	*
46	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
37	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
47	-	-	-	-	*	-	-	-	*	-	-	-	-	-	*
Below Grade 2/															
	-	-	-	-	-	*	*	*	*	*	*	*	-	-	*
All grades	-	-	-	*	*	0.1	1.1	5.8	32.9	51.4	8.3	0.3	*	*	100.0

1/ Classings, 837,398 running bales.

2/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple..... 35.6

Percent tenderable..... 77.3

Percent Average Rule Used (ARU)... 1.4

Percent grade reductions..... 3.9

NOTE: Totals may not add due to rounding.

Table 7-c. — California: Percentage distribution of grade and staple for upland cotton classed, 1989 crop: 1/

Grade	Staple													All staples	
	: 26 and : : shorter:	28	29	30	31	32	33	34	35	36	37	38	39		: 40 and : : longer :
White:															
11	-	-	-	-	-	-	*	*	*	-	*	-	-	*	
21	*	-	-	-	*	*	*	0.2	3.0	2.8	-	*	*	*	6.1
30	-	-	-	-	-	-	*	*	*	0.1	-	*	*	-	0.1
31	-	-	-	*	*	*	*	0.4	16.6	36.2	4.6	1.0	0.4	0.1	59.3
40	-	-	-	-	-	*	*	*	0.9	4.3	1.1	0.2	*	*	6.6
41	-	-	-	-	-	*	*	0.1	4.0	13.3	2.7	0.8	0.3	*	21.2
50	-	-	-	-	-	-	*	*	0.2	0.1	*	*	-	-	0.3
51	-	-	-	-	*	*	*	*	0.5	1.3	0.3	*	*	*	2.2
60	-	-	-	-	-	-	-	-	*	*	-	*	*	-	*
61	-	-	-	-	-	*	*	*	0.1	0.1	*	*	*	-	0.2
70	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
71	-	-	-	-	-	-	*	*	*	*	*	*	-	-	*
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
22	-	-	-	-	-	-	*	*	*	*	*	*	*	*	*
32	-	-	-	-	-	*	*	*	0.2	0.4	0.3	0.2	0.1	*	1.2
42	-	-	-	-	*	*	*	*	0.4	0.6	0.2	0.1	0.1	*	1.4
52	-	-	-	-	-	*	*	*	0.2	0.2	*	*	*	*	0.4
62	-	-	-	-	*	*	*	*	0.1	*	*	*	*	-	0.1
Spotted:															
13	-	-	-	-	-	-	-	-	*	*	*	-	-	-	*
23	-	-	-	-	-	*	-	-	*	*	-	-	-	-	*
33	-	-	-	*	-	-	*	*	*	*	*	*	*	*	*
43	-	-	-	-	-	-	*	*	*	*	*	*	*	*	0.1
53	-	-	-	-	-	*	*	*	*	*	*	*	-	-	*
63	-	-	-	-	*	*	*	*	*	*	*	-	-	-	*
Tinged:															
24	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
34	-	-	-	-	-	-	-	-	*	*	*	*	*	*	*
44	-	-	-	-	*	-	*	*	*	*	*	*	-	*	*
54	-	-	-	-	-	-	-	*	*	*	*	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
35	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
26	-	-	-	-	-	-	*	*	0.1	0.1	*	*	*	-	0.2
36	-	-	-	-	-	-	*	*	0.1	0.1	*	*	-	-	0.2
46	-	-	-	-	-	-	*	*	*	*	*	-	-	*	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	*	*	*	-	-	-	*
37	-	-	-	-	-	-	*	*	*	*	*	*	-	-	*
47	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
Below Grade 2/															
	-	-	-	-	*	*	*	*	*	*	*	*	*	*	*
All grades	*	-	-	*	*	*	0.1	0.9	26.2	59.9	9.5	2.5	0.8	0.1	100.0

1/ Classings, 2,364,313 running bales.

2/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple..... 35.9
 Percent tenderable..... 92.1
 Percent Average Rule Used (ARU).. 0.3
 Percent grade reductions..... 3.0

NOTE: Totals may not add due to rounding.

Table 7-d. -- Georgia: Percentage distribution of grade and staple for upland cotton classed, 1989 crop 1/

Grade	Staple														All staple
	: 26 and : : shorter :	28	29	30	31	32	33	34	35	36	37	38	39	: 40 and : : longer :	
White:															
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	*	*	*	0.3	1.0	1.8	1.4	0.7	0.1	*	-	5.4
40	-	-	-	-	-	*	*	*	0.1	0.1	*	*	*	-	0.3
41	-	*	-	*	*	0.4	4.4	12.3	19.3	15.4	7.3	1.0	*	*	60.1
50	-	-	-	-	*	*	*	0.1	0.2	0.2	0.1	*	*	-	0.8
51	-	*	-	*	*	0.1	1.3	3.8	6.7	5.9	3.3	0.5	*	*	21.7
60	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
61	-	-	-	-	*	*	0.1	0.3	0.6	0.5	0.2	0.1	*	*	1.8
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	*	*	*	*	*	*	*	-	-	0.1
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	*	*	*	*	0.1	0.1	0.1	*	*	-	-	0.4
42	-	-	-	-	*	*	0.4	1.0	1.6	1.3	0.6	0.1	*	*	5.2
52	-	-	-	-	*	*	0.1	0.4	0.6	0.6	0.3	0.1	*	*	2.0
62	-	-	-	-	*	*	*	0.1	0.1	0.1	*	*	*	-	0.3
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
33	-	-	-	-	-	*	*	*	*	*	*	-	-	-	*
43	-	-	-	-	-	*	*	*	0.1	0.1	*	*	-	-	0.2
53	-	-	-	-	-	*	*	*	*	*	*	*	*	-	0.1
63	-	-	-	-	-	*	*	*	*	*	*	*	-	-	*
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	*	-	*	*	-	-	-	-	*
44	-	-	-	-	-	-	*	*	*	*	*	*	-	-	*
54	-	-	-	-	*	*	*	*	*	*	*	*	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
26	-	-	-	-	*	*	0.2	0.3	0.4	0.2	0.1	*	-	-	1.2
36	-	-	-	-	-	*	*	0.1	0.1	*	*	-	-	-	0.3
46	-	-	-	-	-	*	*	*	*	*	*	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	*	*	*	-	-	-	-	-	*
37	-	-	-	-	-	-	*	*	*	-	-	-	-	-	*
47	-	-	-	-	-	-	*	*	-	-	-	-	-	-	*
Below Grade 2/															
Below Grade 2/	-	-	-	-	-	*	*	*	*	*	*	-	-	-	*
All grades	-	*	-	*	*	0.7	7.0	19.8	31.9	26.0	12.8	1.8	*	*	100.0

1/ Classings, 336,351 running bales.

2/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple..... 35.2

Percent tenderable..... 74.5

Percent Average Rule Used (ARU).. 0.9

Percent grade reductions..... 12.1

NOTE: Totals may not add due to rounding.

Table 7-e. -- Louisiana: Percentage distribution of grade and staple for upland cotton classed, 1989 crop 1/

Grade	Staple														All staples
	: 26 and : : shorter:	28	29	30	31	32	33	34	35	36	37	38	39	: 40 and : : longer :	
White:															
11	-	-	-	*	*	*	*	*	*	*	-	-	-	-	*
21	-	-	-	*	*	*	0.1	0.4	0.7	0.1	-	*	-	-	1.3
30	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
31	-	-	-	*	*	0.1	0.7	7.7	19.1	6.6	0.2	*	*	*	34.4
40	-	-	-	-	*	*	*	0.4	1.3	0.6	*	-	*	-	2.3
41	-	-	*	*	*	0.1	0.9	8.1	22.7	10.2	0.5	*	*	*	42.6
50	-	-	-	-	*	*	0.1	0.5	2.0	0.9	0.1	-	-	*	3.4
51	-	-	*	*	*	0.1	0.3	1.5	3.4	1.7	0.1	*	-	-	7.2
60	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
61	-	-	-	*	*	*	*	0.2	0.2	0.1	*	-	-	-	0.5
70	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
71	-	-	-	*	*	*	*	*	*	*	*	-	-	-	*
Lt. Spotted:															
12	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
22	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
32	-	-	-	-	-	*	*	0.5	1.1	0.4	*	*	-	-	2.1
42	-	-	-	-	*	*	0.1	0.8	2.0	0.9	0.1	*	-	-	3.8
52	-	-	-	*	*	*	*	0.3	0.6	0.3	*	*	-	-	1.3
62	-	-	-	-	*	*	*	0.1	0.1	*	*	*	-	-	0.2
Spotted:															
13	-	-	-	-	*	-	*	*	*	*	*	-	-	-	*
23	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
33	-	-	-	-	*	*	*	0.1	0.1	*	*	-	-	-	0.1
43	-	-	-	-	-	*	*	0.1	0.1	*	*	*	-	-	0.3
53	-	-	-	-	*	*	*	*	0.1	*	*	*	-	-	0.1
63	-	-	-	-	*	*	*	*	*	*	*	-	-	-	*
Tinged:															
24	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
34	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
44	-	-	-	-	-	*	*	*	*	*	-	-	-	*	*
54	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
35	-	-	-	-	*	-	-	*	*	-	-	*	*	-	*
Lt. Gray:															
16	-	-	-	-	-	-	*	*	*	-	-	-	-	-	*
26	-	-	-	-	*	*	*	*	*	*	*	-	-	-	0.1
36	-	-	-	-	*	*	*	*	*	*	-	-	-	-	*
46	-	-	-	-	*	*	*	*	*	*	-	-	-	-	*
Gray:															
17	-	-	-	-	-	-	*	*	*	-	-	-	-	-	*
27	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
37	-	-	-	-	*	-	*	*	*	*	-	-	-	-	*
47	-	-	-	-	-	-	*	*	-	-	-	-	-	-	*
Below Grade 2/	-	-	-	*	*	*	*	*	*	*	-	-	-	-	*
All grades	-	-	*	*	*	0.3	2.3	20.8	53.7	21.9	1.1	*	*	*	100.0

1/ Classings, 886,483 running bales.

2/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple..... 35.0

Percent tenderable..... 84.0

Percent Average Rule Used (ARU)... 1.1

Percent grade reductions..... 5.4

NOTE: Totals may not add due to rounding.

Table 7-f. -- Mississippi: Percentage distribution of grade and staple for upland cotton classed, 1969 crop 1/

Grade	Staple														All staple
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	*	*	-	*	*	*	-	-	-	-	*
21	-	-	-	-	*	*	*	0.1	0.2	0.1	-	-	-	-	0.
30	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
31	-	-	-	*	*	*	0.2	2.1	11.6	5.4	0.3	*	*	-	19.
40	-	-	-	-	*	*	*	0.1	0.6	0.6	0.1	*	-	*	1.
41	-	-	-	*	*	*	0.3	3.3	25.5	20.0	1.8	0.1	*	*	50.
50	-	-	-	-	-	*	*	0.1	0.8	0.9	0.1	*	-	-	1.
51	*	-	-	*	*	*	0.1	0.5	3.0	3.2	0.5	*	*	-	7.
60	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
61	-	-	-	-	*	*	*	0.1	0.3	0.3	*	*	*	-	0.7
70	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
71	-	-	-	-	-	*	*	*	*	*	*	-	-	-	0.1
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
32	-	-	-	-	*	*	*	0.3	1.4	0.7	0.1	*	*	*	2.6
42	-	-	-	*	*	*	0.1	0.7	4.2	4.1	0.8	0.3	*	*	10.1
52	-	-	*	*	*	*	*	0.3	1.2	1.4	0.3	*	*	*	3.2
62	-	-	-	*	-	*	*	0.1	0.2	0.2	*	*	-	-	0.7
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
33	-	-	-	-	*	*	*	*	0.1	0.1	*	*	-	-	0.2
43	-	-	-	-	-	*	*	*	0.2	0.2	*	*	*	*	0.5
53	-	-	-	*	-	*	*	*	0.1	0.1	*	*	-	-	0.2
63	-	-	-	-	-	*	*	*	*	*	*	*	-	-	0.1
Tinged:															
24	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
34	-	-	-	-	*	-	*	*	*	*	*	-	-	*	*
44	-	-	-	-	*	-	*	*	*	*	*	*	-	-	*
54	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
Lt. Gray:															
16	-	-	-	-	-	-	-	*	-	*	-	-	-	-	*
26	-	-	-	-	*	*	*	*	0.1	*	-	-	-	-	0.1
36	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
46	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
27	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
37	-	-	-	-	*	-	-	*	*	*	*	-	-	-	*
47	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
Below Grade 2/	-	-	-	-	*	*	*	*	*	*	*	*	*	-	0.1
All grades	*	-	*	*	*	0.1	0.7	7.8	49.6	37.3	4.1	0.4	0.1	*	100.0

1/ Classings, 1,501,125 running bales.

2/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple..... 35.4
 Percent tenderable..... 73.6
 Percent Average Rule Used (ARU)... 1.1
 Percent grade reductions..... 5.4

NOTE: Totals may not add due to rounding.

Table 7-g. -- Missouri: Percentage distribution of grade and staple for upland cotton classed, 1989 crop^{1/}

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	*	*	0.1	*	*	-	-	-	0.1
30	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
31	-	-	-	*	*	*	0.4	3.5	12.2	6.8	1.6	0.1	*	*	24.5
40	-	-	-	-	-	*	*	0.1	0.5	0.5	0.2	*	-	-	1.3
41	-	-	-	-	*	*	0.7	5.0	28.8	19.7	3.0	0.2	*	*	57.4
50	-	-	-	-	-	*	*	0.1	0.9	1.1	0.4	*	*	-	2.6
51	-	-	-	-	-	*	0.1	0.3	1.5	1.8	0.5	*	*	-	4.2
60	-	-	-	-	-	-	-	*	*	*	*	-	-	*	*
61	-	-	-	-	-	*	*	*	*	0.1	*	*	*	-	0.2
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
32	-	-	-	-	-	*	*	0.2	0.7	0.4	0.1	*	*	-	1.5
42	-	-	-	*	*	*	0.1	0.5	2.7	2.6	0.4	*	*	*	6.3
52	-	-	-	-	-	*	*	0.1	0.4	0.5	0.1	*	*	*	1.2
62	-	-	-	-	-	*	*	*	*	*	*	*	-	-	0.1
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	*	*	*	*	*	*	*	*	*
43	-	-	-	-	-	*	*	*	*	*	*	*	*	*	0.1
53	-	-	-	-	-	-	*	*	*	*	*	*	*	*	*
63	-	-	-	-	-	-	*	*	*	*	*	*	-	-	*
Tinged:															
24	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	-	-	-	-	*	-	*	*	*	*	-	-	-	-	*
54	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	*	-	-	*	*	*	-	-	-	-	*
Lt. Gray:															
16	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
26	-	-	-	-	-	-	*	0.1	0.3	0.1	*	*	-	-	0.5
36	-	-	-	-	-	*	*	*	*	*	*	-	-	-	*
46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gray:															
17	-	-	-	-	-	-	*	*	-	*	-	-	-	-	*
27	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
37	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
47	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
Below Grade 2/															
	-	-	-	*	*	-	*	*	*	*	-	-	-	-	*
All grades															
	-	-	-	*	*	0.1	1.3	10.0	48.3	33.7	6.3	0.4	*	*	100.0

1/ Classings, 264,084 running bales.

2/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple.....	35.3
Percent tenderable.....	81.2
Percent Average Rule Used (ARU)...	0.4
Percent grade reductions.....	1.2

NOTE: Totals may not add due to rounding.

Table 7-h. -- New Mexico: Percentage distribution of grade and staple for upland cotton classed, 1989 crop 1/

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	*	*	*	*	*	0.1	0.1	-	*	*	-	0.3
21	-	-	-	*	*	0.1	0.3	0.4	0.8	1.5	3.4	1.5	0.2	*	8.2
30	-	-	-	-	-	-	-	-	-	*	-	*	-	-	*
31	-	-	*	*	0.2	0.4	1.3	2.1	3.2	7.5	21.9	13.7	2.7	0.2	53.1
40	-	-	*	*	0.1	0.2	0.1	0.1	0.1	0.1	0.5	0.4	0.1	*	1.7
41	-	-	-	*	0.3	0.8	0.9	1.1	1.4	3.0	7.3	4.9	1.7	0.2	21.7
50	-	-	-	-	-	-	*	-	*	*	0.1	*	*	*	0.1
51	-	-	-	*	*	0.1	0.1	0.1	0.2	0.3	0.5	0.2	0.1	*	1.6
60	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
61	-	-	-	-	*	*	*	*	*	0.1	0.1	*	*	-	0.3
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	*	*	*	*	*	0.1	*	*	-	0.2
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	*	*	*	*	0.1	0.1	*	0.1	*	*	-	0.3
32	-	-	*	0.1	0.1	0.2	0.5	0.7	0.6	0.6	0.9	0.7	0.3	0.1	4.7
42	-	-	*	*	0.2	0.4	0.6	0.5	0.4	0.6	0.8	0.6	0.5	0.1	4.7
52	-	-	-	*	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	*	*	0.9
62	-	-	-	*	-	*	*	*	0.1	0.1	0.1	*	*	-	0.3
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	*	*	*	*	*	*	*	-	*	-	-	-	*
33	-	*	*	*	*	0.1	0.1	0.1	*	*	*	*	-	*	0.4
43	-	*	*	*	0.1	0.1	0.1	0.1	*	*	0.1	*	*	-	0.6
53	-	-	*	*	0.1	0.1	*	*	*	*	*	*	-	-	0.4
63	-	-	-	-	*	*	*	*	*	*	*	*	-	-	0.1
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	*	*	*	-	*	*	*	*	-	-	-	-	-	*	*
44	-	*	-	*	*	*	*	*	*	-	-	-	-	-	0.1
54	-	-	-	*	*	*	*	*	-	-	-	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	*	*	-	-	-	-	-	-	*
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-	-	*	*	*	-	-	*
46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	-	-	-	*	*	-	-	*
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Below Grade 2/	-	-	-	-	*	-	*	*	*	*	*	*	-	*	0.1
All grades	*	*	0.1	0.4	1.3	2.6	4.3	5.5	7.0	14.2	36.1	22.2	5.7	0.6	100.0

1/ Classings, 68,028 running bales.

2/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple..... 36.5

Percent tenderable..... 48.0

Percent Average Rule Used (ARU)... 2.6

Percent grade reductions..... 9.1

NOTE: Totals may not add due to rounding.

Table 7-i. — North Carolina: Percentage distribution of grade and staple for upland cotton classed, 1989 crop 1/

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
30	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
31	-	-	-	-	-	*	0.1	0.6	2.3	1.9	0.1	*	*	-	5.0
40	-	-	-	-	-	-	*	*	0.2	0.3	0.1	*	-	-	0.6
41	*	-	-	-	*	*	0.6	7.4	25.4	19.6	3.2	0.1	*	-	56.4
50	-	-	-	-	-	-	*	0.1	1.1	1.5	0.3	*	-	-	3.1
51	-	-	-	-	*	*	0.2	2.0	8.1	6.3	1.2	0.1	*	*	17.8
60	-	-	-	-	-	-	-	*	*	*	-	-	-	-	0.1
61	-	-	-	-	-	*	*	0.1	0.5	0.4	0.1	*	-	-	1.1
70	-	-	-	-	-	-	-	-	-	*	-	-	-	-	*
71	-	-	-	-	-	-	-	*	*	*	*	-	-	-	*
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	*	-	-	-	-	-	*
32	-	-	-	-	-	-	*	0.1	0.3	0.2	*	-	-	-	0.7
42	-	-	-	-	*	*	0.1	1.0	4.1	3.5	0.9	0.1	*	-	9.6
52	-	-	-	-	-	*	*	0.4	1.4	1.5	0.5	0.1	*	-	3.9
62	-	-	-	-	-	*	*	0.1	0.2	0.2	0.1	*	-	*	0.6
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	*	*	-	-	-	*
33	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
43	-	-	-	-	-	-	*	*	0.1	0.1	*	-	-	-	0.1
53	-	-	-	-	-	*	*	*	*	*	*	*	-	-	0.1
63	-	-	-	-	-	-	*	*	*	*	*	*	-	-	0.1
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
44	-	-	-	-	*	-	-	*	*	-	-	-	-	-	*
54	-	-	-	-	-	-	*	-	*	*	-	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	*	0.1	0.1	*	-	-	-	-	0.2
36	-	-	-	-	-	*	*	0.1	0.1	*	*	-	-	-	0.3
46	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
37	-	-	-	-	-	-	*	-	-	-	-	-	-	-	*
47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Below Grade 2/	-	-	-	-	-	-	*	*	*	*	*	*	-	-	0.1
All grades	*	-	-	-	*	*	1.0	12.0	44.2	35.8	6.6	0.4	*	*	100.0

1/ Classings, 142,560 running bales

2/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple..... 35.4

Percent tenderable..... 69.5

Percent Average Rule Used (ARU)... 1.3

Percent grade reductions..... 11.8

NOTE: Totals may not add due to rounding.

Table 7-j. -- Oklahoma: Percentage distribution of grade and staple for upland cotton classed, 1989 crop 1/ 2/

Grade	Staple													All staple:
	: 26 and : : shorter:	: 28 :	: 29 :	: 30 :	: 31 :	: 32 :	: 33 :	: 34 :	: 35 :	: 36 :	: 37 :	: 38 :	: 39 :	
White:														
11	-	*	-	*	*	*	*	-	*	-	-	-	-	*
21	*	*	*	*	0.1	0.1	0.2	0.7	1.7	1.1	-	*	-	4.2
30	-	-	-	*	-	*	-	-	-	-	-	-	-	*
31	*	*	0.1	0.2	0.6	1.1	1.4	1.3	1.6	1.2	0.4	0.1	*	8.1
40	-	-	*	*	0.1	0.2	0.3	0.2	0.2	0.1	*	-	-	1.2
41	-	*	*	0.1	0.4	1.2	1.5	0.9	0.7	0.2	0.1	*	*	5.1
50	-	-	-	-	*	*	*	*	*	*	*	-	-	0.1
51	-	*	*	*	0.1	0.4	0.4	0.2	0.1	*	*	-	-	1.2
60	-	-	-	-	-	-	*	-	-	-	-	-	-	*
61	-	-	-	-	*	*	*	*	*	*	-	-	-	0.1
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	*	*	*	-	-	-	-	-	*
Lt. Spotted:														
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	*	*	0.1	0.2	0.3	0.3	0.2	0.2	0.3	0.1	*	-	-	1.7
32	0.1	0.3	0.7	1.5	2.5	2.7	1.5	0.9	0.6	0.2	*	*	-	11.0
42	*	0.1	0.2	0.7	1.9	2.9	2.1	1.2	0.5	0.1	*	*	*	9.8
52	*	*	*	0.1	0.4	0.9	0.8	0.4	0.1	*	*	*	*	2.7
62	-	*	*	*	0.1	0.2	0.2	0.1	*	-	-	*	-	0.5
Spotted:														
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	*	*	*	0.1	0.2	0.2	0.1	0.1	*	*	-	-	-	0.7
33	*	0.2	0.9	2.2	3.7	3.4	1.7	0.6	0.3	*	-	-	-	13.1
43	*	0.1	0.4	1.5	4.2	5.8	3.8	1.2	0.3	*	*	-	-	17.3
53	-	*	*	0.2	1.0	1.6	1.0	0.4	0.1	*	-	-	-	4.4
63	-	-	*	*	0.2	0.3	0.2	0.1	*	*	-	-	-	0.8
Tinged:														
24	-	-	-	*	*	*	*	*	*	-	-	-	-	*
34	*	*	0.2	0.7	1.1	0.9	0.4	0.1	*	*	-	-	-	3.4
44	-	*	0.2	1.0	2.4	2.9	1.5	0.4	*	*	-	-	-	8.4
54	-	*	*	0.3	1.1	1.4	0.8	0.2	*	*	-	-	-	4.0
Stained:														
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	*	*	*	*	*	*	-	-	-	-	-	*
Lt. Gray:														
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gray:														
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	*	*	-	-	-	-	-	-	*
47	-	-	-	-	*	-	-	-	-	*	-	-	-	*
Below Grade 3/	-	*	*	0.1	0.5	0.7	0.4	0.1	*	*	-	-	-	1.9
All grades	0.1	1.0	3.0	8.9	21.2	27.4	18.4	9.2	6.7	3.2	0.8	0.1	*	100.0

1/ Classings, 165,264 running bales.

2/ Includes Kansas.

3/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple..... 32.2
 Percent tenderable..... 7.2
 Percent Average Rule Used (ARU)... 3.7
 Percent grade reductions..... 46.7

NOTE: Totals may not add due to rounding.

Table 7-k. -- South Carolina: Percentage distribution of grade and staple for upland cotton classed, 1989 crop 1/

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	*	*	*	-	-	-	-	-	*
30	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
31	*	-	-	-	*	*	0.1	1.0	3.8	3.6	1.1	0.2	*	-	9.7
40	-	-	-	-	-	-	*	0.1	0.3	0.5	0.3	*	-	-	1.2
41	-	-	-	-	*	*	0.3	3.1	15.5	19.8	12.4	1.4	0.1	*	52.6
50	-	-	-	-	-	-	*	0.1	0.6	0.9	0.7	0.1	*	-	2.4
51	-	-	-	*	*	*	0.1	0.7	3.1	3.9	3.0	0.4	*	*	11.2
60	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
61	-	-	-	-	*	-	*	0.1	0.3	0.3	0.2	*	*	-	1.0
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*
71	-	-	-	-	-	-	*	*	*	*	*	*	*	-	0.1
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	*	0.1	0.7	1.0	0.5	0.1	*	-	2.3
42	-	-	-	-	-	*	*	0.4	3.2	5.8	4.2	0.6	*	*	14.3
52	-	-	-	*	-	*	*	0.2	0.8	1.5	1.3	0.2	*	-	4.0
62	-	-	-	-	-	-	*	*	0.1	0.2	0.1	*	*	-	0.5
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
33	-	-	-	-	-	-	-	*	*	*	*	-	-	-	*
43	-	-	-	-	-	-	*	*	*	0.1	0.1	*	*	*	0.2
53	-	-	-	-	-	-	*	*	*	0.1	*	*	*	*	0.1
63	-	-	-	-	-	-	*	*	*	*	*	*	-	-	0.1
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	*	*	*	*	-	-	-	*
44	-	-	-	-	-	-	-	*	*	*	*	*	*	-	*
54	-	-	-	-	-	*	-	*	*	*	*	-	*	*	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lt. Gray:															
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	*	*	*	*	-	-	-	*
36	-	-	-	-	-	-	*	*	*	*	*	-	-	-	0.1
46	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	*	-	*	-	*	-	-	-	-	*
47	-	-	-	-	-	-	-	*	*	-	-	-	-	-	*
Below Grade 2/															
	-	-	-	-	-	-	*	*	*	*	*	*	-	-	*
All grades	*	-	-	*	*	*	0.5	5.9	28.7	37.8	23.9	3.0	0.2	*	100.0

1/ Classings, 149,441 running bales.

2/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple..... 35.9

Percent tenderable..... 65.8

Percent Average Rule Used (ARU)... 1.2

Percent grade reductions..... 12.1

NOTE: Totals may not add due to rounding.

Table 7-1. -- Tennessee: Percentage distribution of grade and staple for upland cotton classed, 1989 crop 1/

Grade	Staple														All staple
	: 26 and shorter :	28 :	29 :	30 :	31 :	32 :	33 :	34 :	35 :	36 :	37 :	38 :	39 :	: 40 and longer :	
White:															
11	-	-	-	-	-	-	*	*	-	-	-	-	-	-	*
21	-	-	-	-	-	*	*	0.1	0.1	*	-	-	-	-	0.2
30	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
31	-	-	-	*	*	0.1	0.9	9.6	15.5	1.7	*	*	-	-	27.9
40	-	-	-	-	-	-	*	0.2	0.6	0.1	*	-	-	-	0.9
41	-	-	-	*	-	*	0.4	8.0	22.5	5.0	0.2	*	*	-	36.1
50	-	-	-	-	-	-	*	0.1	0.5	0.2	*	*	-	-	0.7
51	-	-	-	-	*	*	*	0.4	1.5	0.7	*	*	-	-	2.6
60	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
61	-	-	-	-	-	-	*	*	0.1	*	*	-	-	-	0.1
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	*	*	-	-	-	-	*
Lt. Spotted:															
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
32	-	-	-	*	*	*	0.5	5.4	5.9	0.7	*	*	-	-	12.5
42	-	-	-	*	-	*	0.2	4.0	8.7	2.2	0.1	*	-	-	15.3
52	-	-	-	*	*	*	*	0.5	1.2	0.5	*	*	-	-	2.3
62	-	-	-	-	-	*	*	0.1	0.1	*	*	-	-	-	0.2
Spotted:															
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	*	*	*	*	*	-	-	-	*
33	-	-	-	-	-	*	*	*	0.1	*	*	-	-	-	0.2
43	-	-	-	-	*	*	*	0.1	0.3	0.1	*	-	-	-	0.5
53	-	-	-	-	-	*	*	*	0.1	*	*	-	-	-	0.2
63	-	-	-	-	-	*	*	*	*	*	*	-	-	-	*
Tinged:															
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
44	-	-	-	-	-	*	-	*	*	*	*	-	-	-	*
54	-	-	-	-	-	*	*	*	*	*	-	-	-	-	*
Stained:															
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	*	*	*	-	-	-	-	*
Lt. Gray:															
16	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*
26	-	-	-	-	-	-	*	*	*	*	-	-	-	-	0.1
36	-	-	-	-	-	-	*	*	*	*	-	-	-	-	*
46	-	-	-	-	-	-	-	*	*	-	*	-	-	-	*
Gray:															
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	-	-	-	-	-	-	-	*	-	*	-	-	-	-	*
47	-	-	-	-	-	-	-	-	-	-	*	-	-	-	*
Below Grade 2/															
	-	-	-	-	-	*	*	*	*	*	*	-	-	-	*
All grades	-	-	-	*	*	0.1	2.1	28.6	57.2	11.5	0.4	*	*	-	100.0

1/ Classings, 469,928 running bales

2/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple..... 34.8

Percent tenderable..... 58.7

Percent Average Rule Used (ARU)... 0.5

Percent grade reductions..... 1.8

NOTE: Totals may not add due to rounding.

Table 7-m. -- Texas: Percentage distribution of grade and staple for upland cotton classed, 1989 crop 1/

Grade	Staple														All staples
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	
White:															
11	-	-	*	*	*	*	*	*	*	*	*	*	-	-	0.1
21	*	*	0.1	0.4	0.9	1.1	1.2	1.2	0.8	0.4	0.3	0.1	*	*	6.4
30	-	-	-	*	*	*	*	*	*	*	*	*	*	*	*
31	*	*	0.3	1.1	2.8	4.0	4.2	3.8	2.9	1.4	0.7	0.2	*	*	21.6
40	*	*	*	*	0.1	0.2	0.2	0.1	0.2	0.1	*	*	*	*	1.0
41	*	*	0.1	0.3	1.2	2.1	2.8	2.9	2.4	1.4	0.6	0.1	*	*	13.9
50	-	*	*	*	*	*	*	*	*	*	*	*	*	*	0.1
51	*	*	*	0.1	0.2	0.4	0.6	0.6	0.5	0.3	0.1	*	*	*	2.7
60	-	-	-	*	*	*	*	*	*	*	*	-	-	-	*
61	-	-	*	*	*	*	0.1	0.1	0.1	*	*	*	*	*	0.3
70	-	-	-	-	-	*	-	-	-	-	-	-	-	-	*
71	-	-	*	*	*	*	*	*	*	*	*	-	-	-	*
Lt. Spotted:															
12	-	-	*	*	*	*	*	*	*	*	*	*	-	-	*
22	*	*	0.1	0.2	0.5	0.6	0.5	0.3	0.1	*	*	*	*	*	2.3
32	*	0.1	0.4	1.4	3.2	4.0	3.4	1.7	0.5	0.2	0.1	*	*	*	15.1
42	*	*	0.2	0.7	1.9	2.9	2.9	1.8	0.6	0.3	0.1	*	*	*	11.4
52	*	*	*	0.1	0.3	0.4	0.3	0.2	0.1	0.1	*	*	*	*	1.6
62	-	*	*	*	*	*	*	*	*	*	*	*	*	*	0.2
Spotted:															
13	-	-	*	*	*	*	*	*	*	-	*	*	-	-	*
23	*	*	*	0.2	0.3	0.3	0.2	0.1	*	*	*	*	*	-	1.2
33	*	0.1	0.3	1.1	1.9	2.0	1.4	0.5	0.1	*	*	*	*	*	7.4
43	*	*	0.2	0.7	1.5	1.8	1.6	0.7	0.1	*	*	*	*	*	6.8
53	*	*	*	0.1	0.2	0.2	0.2	0.1	*	*	*	*	*	-	0.7
63	-	*	*	*	*	*	*	*	*	*	*	*	*	-	0.1
Tinged:															
24	*	*	*	*	*	*	*	*	*	*	*	-	-	*	0.1
34	*	0.1	0.3	0.7	0.9	0.6	0.3	0.1	*	*	*	*	*	*	2.9
44	*	0.1	0.3	0.6	0.7	0.6	0.4	0.1	*	*	*	*	*	*	2.7
54	*	*	*	0.1	0.1	0.1	*	*	*	*	*	*	*	-	0.4
Stained:															
25	-	*	*	*	*	*	*	*	*	-	-	-	-	-	*
35	*	*	*	0.1	0.1	*	*	*	*	-	*	*	-	-	0.2
Lt. Gray:															
16	-	-	-	*	*	*	*	*	*	*	-	-	-	-	*
26	-	-	*	*	*	*	0.1	0.1	*	*	*	*	-	-	0.2
36	-	-	*	*	*	*	*	*	*	*	*	*	-	-	0.1
46	-	-	-	*	*	*	*	*	*	*	*	*	-	-	*
Gray:															
17	-	-	-	*	*	*	*	*	*	*	-	-	-	-	*
27	-	-	-	-	*	*	*	*	*	*	-	-	-	-	*
37	-	-	-	*	*	*	*	*	*	-	*	-	-	*	*
47	-	*	-	*	*	*	*	*	*	-	*	-	-	-	*
Below Grade 2/	*	*	0.1	0.1	0.1	*	*	*	*	*	*	*	*	*	0.3
All grades	*	0.5	2.4	8.0	16.9	21.4	20.6	14.7	8.6	4.2	2.1	0.5	0.1	*	100.0

1/ Classings, 2,780,811 running bales.

2/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Average staple..... 32.6

Percent tenderable..... 21.2

Percent Average Rule Used (ARU)... 2.2

Percent grade reductions..... 31.3

NOTE: Totals may not add due to rounding.

Table 8. — Percentage distribution of grade and staple for upland cotton classed through specified periods, by states, 1989 crop

Grade and Staple	ALABAMA 1/					ARIZONA				
	Period through					Period through				
	Sept. 28	Nov. 2	Nov. 30	Dec. 28	Crop	Sept. 28	Nov. 2	Nov. 30	Dec. 28	Crop
GRADE										
White:										
11	-	+	+	+	+	3.6	0.5	0.2	0.2	0.2
21	1.7	0.8	0.5	0.4	0.4	32.1	19.0	11.8	10.1	9.6
30	0.1	+	+	+	+	1.9	0.4	0.2	0.2	0.2
31	44.4	24.3	22.4	20.6	20.4	52.1	68.5	65.3	61.6	60.1
40	11.3	2.0	1.4	1.4	1.4	1.2	0.6	0.7	0.6	0.6
41	34.7	54.0	50.8	48.9	48.7	4.0	6.5	12.4	15.2	15.7
50	3.9	1.2	1.1	1.0	1.0	+	0.1	0.2	0.2	0.2
51	2.6	5.7	8.1	8.5	8.7	0.2	0.3	0.9	1.4	1.8
60	-	+	+	+	+	-	+	+	+	+
61	+	0.2	0.5	0.8	0.8	-	+	0.1	0.4	0.7
70	-	-	-	-	-	-	-	-	-	-
71	-	+	+	+	+	-	+	+	0.1	0.1
Total	98.7	88.2	84.8	81.6	81.4	95.1	95.9	91.8	90.0	89.2
Light Spotted:										
12	-	-	+	+	+	-	+	+	+	+
22	-	+	+	+	+	0.5	0.3	0.2	0.2	0.2
32	0.3	2.5	3.3	3.5	3.5	0.9	1.6	1.8	2.0	1.9
42	0.8	7.8	8.9	10.5	10.5	1.1	0.7	1.2	1.6	1.6
52	0.1	1.1	1.7	2.3	2.4	2.0	0.4	0.8	1.4	1.7
62	-	0.1	0.2	0.4	0.4	0.1	0.1	0.4	1.2	1.7
Total	1.2	11.5	14.1	16.7	16.8	4.6	3.1	4.4	6.4	7.1
Spotted:										
13	-	-	+	+	+	-	-	-	-	-
23	-	+	+	+	+	+	+	+	+	+
33	-	+	0.2	0.2	0.2	+	+	+	+	+
43	0.1	0.1	0.5	0.9	0.9	0.1	+	+	+	0.1
53	0.1	+	0.1	0.2	0.3	0.1	+	0.1	0.1	0.1
63	-	+	+	+	+	-	+	+	0.1	0.1
Total	0.2	0.1	0.8	1.3	1.4	0.2	+	0.1	0.2	0.3
Tinged:										
24	-	-	-	+	+	-	-	-	-	-
34	-	+	+	+	+	-	-	+	+	+
44	-	+	+	0.1	0.1	-	+	+	+	+
54	-	+	+	+	+	-	+	+	+	+
Total	-	+	+	0.1	0.1	-	+	+	+	+
Stained:										
All grades	-	+	+	+	+	-	-	-	-	-
Light Gray:										
All grades	-	0.1	0.1	0.2	0.2	-	0.7	3.2	2.9	2.8
Gray:										
All grades	-	+	+	+	+	-	+	0.1	0.1	0.1
Below Grade 2/	-	+	+	+	+	+	+	0.1	0.4	0.6
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple										
26 & shorter	-	-	-	-	-	-	+	+	+	+
28	-	-	-	-	-	-	+	+	+	+
29	-	-	-	-	-	+	+	+	+	+
30	-	-	-	-	-	+	+	+	+	+
31	0.1	+	+	+	+	+	+	+	+	+
32	3.0	0.4	0.3	0.3	0.3	0.1	0.1	0.1	0.2	0.4
33	16.1	6.6	6.1	5.9	5.9	3.5	0.7	0.8	1.1	1.4
34	34.0	24.7	22.2	21.7	21.7	19.1	6.2	8.9	9.8	11.2
35	33.0	37.3	36.8	36.7	36.6	35.4	42.0	46.5	46.1	45.9
36	12.2	23.0	24.2	24.6	24.7	30.3	42.2	36.5	35.7	34.2
37	1.5	7.7	9.8	10.1	10.2	11.2	7.4	5.8	5.8	5.6
38	0.1	0.3	0.5	0.5	0.5	0.3	1.0	0.8	0.8	0.8
39	-	+	0.1	0.1	0.1	+	0.3	0.2	0.2	0.2
40 & longer	-	+	+	+	+	-	+	0.2	0.3	0.3
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	34.4	35.0	35.1	35.1	35.1	35.3	35.5	35.4	35.4	35.3
Classings	3,152	156,548	316,203	374,859	379,352	12,186	221,580	463,855	576,734	612,668

1/ Includes Florida. 2/ Lower in grade than the lowest grades of the official standards.
+ Less than 0.05 percent.

Table B. — Continued

ARKANSAS						CALIFORNIA				
Grade and Staple	Period through				Crop	Period through				Crop
	Sept. 28	Nov. 2	Nov. 30	Dec. 28		Sept. 28	Nov. 2	Nov. 30	Dec. 28	
GRADE										
White:										
11	-	-	*	*	*	1.5	0.1	*	*	*
21	0.3	0.1	0.1	0.1	0.1	29.0	7.4	6.2	6.1	6.1
30	-	*	*	*	*	1.4	0.2	0.1	0.1	0.1
31	31.1	26.4	23.6	22.9	22.9	55.0	64.3	59.8	59.3	59.3
40	1.0	2.5	2.1	2.0	2.0	1.1	6.4	6.5	6.6	6.6
41	54.5	52.3	50.1	49.6	49.6	7.4	17.5	21.1	21.1	21.2
50	4.2	5.0	5.2	5.1	5.1	-	0.3	0.4	0.3	0.3
51	2.8	4.3	6.7	7.1	7.1	1.2	1.3	2.2	2.2	2.2
60	*	*	*	*	*	-	*	*	*	*
61	*	0.1	0.4	0.6	0.6	0.1	0.1	0.2	0.2	0.2
70	-	-	-	-	-	-	*	*	*	*
71	-	*	*	0.1	0.1	-	*	*	*	*
Total	93.9	90.7	88.2	87.5	87.5	96.7	97.6	96.5	95.9	96.0
Light Spotted:										
12	-	-	*	*	*	-	*	*	*	*
22	-	*	*	*	*	0.5	*	*	*	*
32	1.9	2.2	2.3	2.3	2.3	1.7	1.2	1.1	1.2	1.2
42	3.6	5.7	6.9	7.1	7.1	0.8	0.7	1.1	1.4	1.4
52	0.3	0.8	1.7	2.0	2.0	0.1	0.1	0.4	0.4	0.4
62	*	0.1	0.2	0.3	0.3	*	*	0.1	0.1	0.1
Total	5.8	8.8	11.1	11.7	11.7	3.1	2.0	2.7	3.1	3.1
Spotted:										
13	-	*	*	*	*	-	*	*	*	*
23	*	*	*	*	*	-	*	*	*	*
33	*	*	0.1	0.1	0.1	-	*	*	*	*
43	*	0.1	0.2	0.2	0.2	-	*	*	0.1	0.1
53	*	*	0.1	0.1	0.1	-	*	*	*	*
63	*	*	*	*	*	-	*	*	*	*
Total	*	0.1	0.4	0.4	0.4	-	*	*	0.1	0.1
Tinged:										
24	-	*	*	*	*	-	*	*	*	*
34	-	*	*	*	*	-	*	*	*	*
44	-	*	*	*	*	*	*	*	*	*
54	-	*	*	*	*	*	*	*	*	*
Total	-	*	*	*	*	*	*	*	*	*
Stained:										
All grades	*	*	*	*	*	-	*	*	*	*
Light Gray:										
All grades	*	0.3	0.2	0.2	0.2	0.3	0.4	0.4	0.4	0.4
Gray:										
All grades	-	*	*	*	*	*	*	*	*	*
Below Grade 1/										
All grades	*	*	*	*	*	*	*	*	*	*
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple										
26 & shorter	-	-	-	-	-	-	*	*	*	*
28	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-
30	-	-	*	*	*	-	*	*	*	*
31	*	*	*	*	*	-	*	*	*	*
32	0.4	0.1	0.1	0.1	0.1	-	*	*	*	*
33	3.2	1.4	1.1	1.1	1.1	0.3	*	*	*	0.1
34	11.8	7.7	6.0	5.8	5.8	5.2	0.9	0.8	0.8	0.9
35	38.6	36.7	33.3	32.9	32.9	25.2	30.1	27.6	26.3	26.2
36	37.2	44.8	50.9	51.4	51.4	54.0	58.7	61.2	60.8	59.9
37	8.3	8.9	8.3	8.3	8.3	15.0	8.5	8.4	8.2	9.5
38	0.4	0.4	0.3	0.3	0.3	0.2	1.4	1.5	2.1	2.5
39	-	*	*	*	*	*	0.4	0.4	0.6	0.8
40 & longer	*	*	*	*	*	*	0.1	0.1	0.1	0.1
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	35.4	35.5	35.6	35.6	35.6	35.8	35.8	35.8	35.9	35.9
Classings	24,752	453,963	795,37	836,277	837,398	17,322	1,101,649	2,073,234	2,306,324	2,364,313

1/ Lower in grade than the lowest grades of the official standards.
 * Less than 0.05 percent.

Table 8. -- Continued

GEORGIA						LOUISIANA				
Grade and Staple	Period through				Crop	Period through				Crop
	Sept. 28	Nov. 2	Nov. 30	Dec. 28		Sept. 28	Nov. 2	Nov. 30	Dec. 28	
GRADE										
White:										
11	-	-	-	-	-	-	*	*	*	*
21	0.1	*	*	*	*	0.4	1.4	1.3	1.3	1.3
30	-	-	-	-	-	-	*	*	*	*
31	15.9	5.6	5.7	5.5	5.4	29.1	35.9	34.0	34.4	34.4
40	0.8	0.2	0.4	0.3	0.3	1.3	2.4	2.3	2.3	2.3
41	59.2	56.0	60.3	60.5	60.1	55.1	45.2	49.1	42.6	42.6
50	0.5	0.9	0.9	0.8	0.8	6.0	3.6	3.5	3.4	3.4
51	19.7	22.1	21.3	21.6	21.7	5.3	6.7	7.3	7.2	7.2
60	-	*	*	*	*	*	*	*	*	*
61	0.5	2.2	1.6	1.7	1.8	0.1	0.4	0.5	0.5	0.5
70	-	-	-	-	-	-	*	*	*	*
71	-	0.1	0.1	0.1	0.1	-	*	*	*	*
Total	96.7	87.1	90.3	90.5	90.2	97.3	95.6	92.0	91.7	91.7
Light Spotted:										
12	-	-	-	-	-	-	*	*	*	*
22	-	-	-	-	-	*	*	*	*	*
32	0.3	0.5	0.4	0.4	0.4	0.6	1.1	1.9	2.1	2.1
42	2.0	7.5	5.3	5.1	5.2	1.7	2.3	3.7	3.8	3.8
52	0.6	2.7	1.9	1.9	2.0	0.2	0.6	1.3	1.3	1.3
62	0.2	0.5	0.3	0.3	0.3	0.1	0.1	0.2	0.2	0.2
Total	3.1	11.2	7.9	7.7	7.9	2.6	4.1	7.1	7.4	7.4
Spotted:										
13	-	-	-	-	-	-	*	*	*	*
23	-	*	*	*	*	-	*	*	*	*
33	-	*	*	*	*	*	*	0.1	0.1	0.1
43	-	0.1	0.1	0.2	0.2	*	*	0.2	0.3	0.3
53	*	*	*	0.1	0.1	*	*	0.1	0.1	0.1
63	0.1	*	*	*	*	*	*	*	*	*
Total	0.1	0.1	0.1	0.3	0.3	*	*	0.4	0.5	0.5
Tinged:										
24	-	-	-	-	-	-	*	*	*	*
34	-	*	*	*	*	-	*	*	*	*
44	-	*	*	*	*	*	*	*	*	*
54	-	*	*	*	*	-	*	*	*	*
Total	-	*	*	*	*	*	*	*	*	*
Stained:										
All grades	-	-	-	-	-	-	*	*	*	*
Light Gray:										
All grades	-	1.3	1.4	1.5	1.5	0.1	0.1	0.1	0.1	0.1
Gray:										
All grades	-	*	*	*	*	*	*	*	*	*
Below Grade 1/	0.1	0.1	*	*	*	*	*	*	*	*
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple										
26 & shorter	-	-	-	-	-	-	-	-	-	-
28	-	*	*	*	*	-	-	-	-	-
29	-	-	-	-	-	-	*	*	*	*
30	-	*	*	*	*	-	*	*	*	*
31	*	*	*	*	*	*	*	*	*	*
32	0.2	0.8	0.8	0.7	0.7	0.3	0.3	0.3	0.3	0.3
33	2.4	8.0	7.6	7.1	7.0	3.4	2.3	2.3	2.3	2.3
34	13.1	21.5	21.1	20.1	19.8	18.9	20.1	21.2	20.8	20.8
35	35.4	32.3	32.9	31.9	31.9	53.4	53.1	59.6	53.7	53.7
36	29.5	24.3	24.9	25.7	26.0	22.9	22.9	21.5	21.9	21.9
37	16.8	11.5	11.2	12.6	12.8	1.1	1.2	1.1	1.1	1.1
38	2.5	1.5	1.5	1.8	1.8	*	*	*	*	*
39	0.1	*	*	*	*	-	*	*	*	*
40 & longer	*	*	*	*	*	*	*	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	35.5	35.1	35.1	35.2	35.2	35.0	35.0	35.0	35.0	35.0
Classings	2,904	104,586	275,658	326,519	336,351	62,138	679,288	857,349	886,290	886,483

1/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Table 8. -- Continued

Grade and Staple	MISSISSIPPI					MISSOURI				
	Period through				Crop	Period through				Crop
	Sept. 28	Nov. 2	Nov. 30	Dec. 28		Sept. 28	Nov. 2	Nov. 30	Dec. 28	
GRADE										
White:										
11	-	*	*	*	-	-	-	-	-	-
21	*	0.4	0.4	0.4	0.4	0.1	0.1	0.1	0.1	0.1
30	-	*	*	*	*	-	*	*	*	*
31	25.4	22.5	20.1	19.7	19.6	31.8	25.6	24.5	24.5	24.5
40	0.9	1.5	1.4	1.4	1.3	1.0	1.4	1.3	1.3	1.3
41	46.5	58.1	52.7	51.1	50.9	59.1	59.6	57.6	57.4	57.4
50	5.6	2.3	2.0	1.9	1.9	3.2	2.6	2.6	2.6	2.6
51	13.2	5.9	7.1	7.3	7.3	1.4	2.7	4.1	4.2	4.2
60	*	*	*	*	*	-	*	*	*	*
61	2.4	0.3	0.6	0.7	0.7	*	*	0.1	0.2	0.2
70	-	-	*	*	*	-	-	-	-	-
71	0.1	*	*	0.1	0.1	*	*	*	*	*
Total	94.1	91.0	84.3	82.6	82.2	96.6	92.0	90.3	90.3	90.3
Light Spotted:										
12	-	-	-	-	-	-	-	-	-	-
22	-	*	*	*	*	-	*	*	*	*
32	1.0	1.5	2.5	2.6	2.6	0.8	1.4	1.5	1.5	1.5
42	2.5	5.9	9.0	9.9	10.1	1.9	5.2	6.3	6.3	6.3
52	1.2	1.2	2.7	3.2	3.2	0.3	0.5	1.1	1.2	1.2
62	0.7	0.1	0.5	0.7	0.7	0.1	*	0.1	0.1	0.1
Total	5.4	8.7	14.7	16.4	16.6	3.1	7.1	9.0	9.1	9.1
Spotted:										
13	-	-	-	-	-	-	-	-	-	-
23	-	*	*	*	*	-	-	-	-	-
33	-	*	0.2	0.2	0.2	*	*	*	*	*
43	*	0.1	0.3	0.5	0.5	*	0.1	0.1	0.1	0.1
53	0.1	*	0.1	0.2	0.2	0.1	*	*	*	*
63	0.2	*	*	0.1	0.1	*	*	*	*	*
Total	0.3	0.1	0.6	1.0	1.0	0.1	0.1	0.1	0.1	0.1
Tinged:										
24	-	*	*	*	*	-	*	*	*	*
34	-	*	*	*	*	-	-	-	-	-
44	-	*	*	*	*	*	*	*	*	*
54	*	*	*	*	*	-	-	*	*	*
Total	*	*	*	*	*	*	*	*	*	*
Stained:										
All grades	-	*	*	*	*	-	*	*	*	*
Light Gray:										
All grades	0.1	0.2	0.1	0.1	0.1	*	0.5	0.5	0.5	0.5
Gray:										
All grades	-	*	*	*	*	*	*	*	*	*
Below Grade 1/	0.2	*	0.1	0.1	0.1	-	*	*	*	*
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple										
26 & shorter	-	*	*	*	*	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-
29	-	*	*	*	*	-	-	-	-	-
30	-	*	*	*	*	*	*	*	*	*
31	-	*	*	*	*	*	*	*	*	*
32	*	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
33	0.1	0.6	0.7	0.7	0.7	2.3	1.3	1.3	1.3	1.3
34	3.7	6.4	7.9	7.8	7.8	14.0	10.6	10.0	10.0	10.0
35	38.7	49.4	49.7	49.8	49.6	52.6	50.3	48.3	48.3	48.3
36	49.6	39.8	37.5	37.3	37.3	27.8	31.9	33.7	33.7	33.7
37	7.8	3.6	3.6	4.0	4.1	3.0	5.5	6.2	6.3	6.3
38	0.1	0.2	0.2	0.3	0.4	0.1	0.3	0.4	0.4	0.4
39	-	*	*	*	0.1	-	*	*	*	*
40 & longer	-	*	*	*	*	-	*	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	35.6	35.4	35.4	35.4	35.4	35.2	35.3	35.3	35.3	35.3
Classings	5,933	672,654	1,383,000	1,493,625	1,501,125	11,919	210,727	262,543	264,064	264,064

1/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Table 8. — Continued

Grade and Staple	NEW MEXICO					NORTH CAROLINA				
	Period through				Crop	Period through				Crop
	Sept. 28	Nov. 2	Nov. 30	Dec. 28		Sept. 28	Nov. 2	Nov. 30	Dec. 28	
GRADE										
White:										
11	-	0.5	0.3	0.3	0.3	-	-	-	-	-
21	8.4	9.6	8.2	8.0	8.2	-	*	*	*	*
30	-	*	*	*	*	-	*	*	*	*
31	69.9	63.0	56.2	54.0	53.1	-	10.8	6.1	5.1	5.0
40	0.8	2.2	1.9	1.8	1.7	-	1.2	0.8	0.6	0.6
41	17.7	19.5	22.1	21.9	21.7	-	54.3	55.2	56.6	56.4
50	-	0.1	0.1	0.1	0.1	-	5.1	3.5	3.1	3.1
51	0.3	0.6	1.3	1.5	1.6	-	10.9	15.8	17.7	17.8
60	-	-	*	*	*	-	0.1	0.1	0.1	0.1
61	-	*	0.2	0.3	0.3	-	0.6	0.8	1.0	1.1
70	-	-	-	-	-	-	*	*	*	*
71	-	*	0.1	0.1	0.2	-	*	0.1	*	*
Total	97.1	95.5	90.4	88.0	87.2	-	83.0	82.4	84.2	84.1
Light Spotted:										
12	-	-	-	-	-	-	-	-	-	-
22	-	0.1	0.3	0.3	0.3	-	-	*	*	*
32	0.2	2.3	4.3	4.7	4.7	-	1.3	0.8	0.7	0.7
42	2.5	1.7	3.6	4.3	4.7	-	10.9	11.1	9.6	9.6
52	-	0.1	0.5	0.8	0.9	-	3.5	4.3	3.9	3.9
62	0.1	*	0.1	0.3	0.3	-	0.5	0.6	0.6	0.6
Total	2.8	4.2	8.8	10.4	10.9	-	16.2	16.8	14.8	14.8
Spotted:										
13	-	-	-	-	-	-	-	-	-	-
23	-	*	*	*	*	-	*	*	*	*
33	-	*	0.2	0.4	0.4	-	*	*	*	*
43	-	0.1	0.3	0.6	0.6	-	0.1	0.1	0.1	0.1
53	-	*	0.1	0.2	0.4	-	0.1	0.1	0.1	0.1
63	-	*	0.1	0.1	0.1	-	*	0.1	0.1	0.1
Total	-	0.1	0.7	1.3	1.5	-	0.2	0.3	0.3	0.3
Tinged:										
24	-	-	-	-	-	-	-	-	-	-
34	-	-	-	*	*	-	-	-	*	*
44	-	-	*	0.1	0.1	-	*	*	*	*
54	-	-	-	*	*	-	-	-	*	*
Total	-	-	*	0.1	0.1	-	*	*	*	*
Stained:										
All grades	-	-	-	*	*	-	-	-	-	-
Light Gray:										
All grades	-	*	*	*	*	-	0.3	0.4	0.5	0.5
Gray:										
All grades	-	-	-	*	*	-	*	*	*	*
Below Grade 1/	-	*	*	0.1	0.1	-	0.1	0.1	0.1	0.1
All grades	-	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0
Staple										
26 & shorter	-	-	-	*	*	-	-	-	-	*
28	-	-	-	*	*	-	-	-	-	-
29	-	-	*	0.1	0.1	-	-	-	-	-
30	-	0.1	0.1	0.3	0.4	-	-	-	-	-
31	-	0.6	0.9	1.2	1.3	-	*	*	*	*
32	-	1.2	2.2	2.6	2.6	-	*	*	*	*
33	-	1.1	3.7	4.3	4.3	-	0.6	0.7	1.0	1.0
34	-	1.4	4.5	5.5	5.5	-	7.1	9.7	11.8	12.0
35	2.3	3.2	6.4	7.0	7.0	-	37.2	41.8	44.1	44.2
36	16.7	10.1	14.2	14.2	14.2	-	44.7	39.8	36.0	35.8
37	56.4	39.4	37.8	36.4	36.1	-	9.7	7.5	6.7	6.6
38	20.4	33.5	23.7	22.3	22.2	-	0.7	0.4	0.4	0.4
39	3.8	8.8	6.0	5.5	5.7	-	*	*	*	*
40 & longer	0.3	0.7	0.5	0.6	0.6	-	-	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0	-	100.0	100.0	100.0	100.0
Average staple	37.1	37.2	36.6	36.5	36.5	-	35.6	35.5	35.4	35.4
Classings	1,198	35,891	60,470	66,356	68,028	-	38,128	108,583	140,177	142,560

1/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Table 8. — Continued

Grade and Staple	OKLAHOMA 1/					SOUTH CAROLINA				
	Period through				Crop	Period through				Crop
	Sept. 28	Nov. 2	Nov. 30	Dec. 28		Sept. 28	Nov. 2	Nov. 30	Dec. 28	
GRADE										
White:										
11	-	*	*	*	*	-	-	-	-	-
21	-	26.6	6.0	4.3	4.2	-	0.1	*	*	*
30	-	-	*	*	*	-	0.1	*	*	*
31	-	35.5	11.3	8.2	8.1	20.8	16.1	11.3	10.1	9.7
40	-	6.4	1.7	1.2	1.2	3.2	1.5	1.4	1.2	1.2
41	-	17.0	6.9	5.2	5.1	46.8	52.7	52.1	53.0	52.6
50	-	0.6	0.2	0.1	0.1	4.6	3.6	2.7	2.4	2.4
51	-	3.2	1.6	1.2	1.2	4.6	5.4	9.0	10.6	11.2
60	-	*	*	*	*	-	*	*	*	*
61	-	0.2	0.1	0.1	0.1	0.4	0.2	0.5	0.8	1.0
70	-	-	-	-	-	-	-	*	*	*
71	-	-	*	*	*	-	*	0.1	0.1	0.1
Total	-	89.5	27.8	20.3	20.0	80.4	79.7	77.1	78.2	78.2
Light Spotted:										
12	-	-	-	-	-	-	-	-	-	-
22	-	0.9	2.3	1.7	1.7	-	-	-	-	-
32	-	4.1	12.7	11.1	11.0	2.1	3.1	2.6	2.3	2.3
42	-	3.6	10.1	9.9	9.8	10.4	14.0	15.5	14.5	14.3
52	-	1.2	2.7	2.7	2.7	6.5	2.8	3.9	4.0	4.0
62	-	0.2	0.4	0.5	0.5	0.1	0.2	0.4	0.4	0.5
Total	-	10.0	28.2	25.9	25.7	19.1	20.1	22.4	21.2	21.1
Spotted:										
13	-	-	-	-	-	-	-	-	-	-
23	-	*	0.9	0.7	0.7	-	*	*	*	*
33	-	0.1	12.9	13.2	13.1	-	0.1	0.1	*	*
43	-	0.2	13.6	17.3	17.3	0.1	0.2	0.2	0.2	0.2
53	-	*	3.7	4.3	4.4	0.1	0.1	0.1	0.1	0.1
63	-	*	0.7	0.8	0.8	-	*	*	*	0.1
Total	-	0.3	31.8	36.3	36.3	0.2	0.4	0.4	0.3	0.4
Tinged:										
24	-	-	*	*	*	-	-	-	-	-
34	-	-	2.6	3.4	3.4	-	*	*	*	*
44	-	-	5.5	8.3	8.4	-	*	*	*	*
54	-	-	2.8	3.9	4.0	-	*	*	*	*
Total	-	-	10.9	15.6	15.8	-	*	*	*	*
Stained:										
All grades	-	-	*	*	*	-	-	-	-	-
Light Gray:										
All grades	-	-	-	-	-	0.1	*	*	*	0.1
Gray:										
All grades	-	*	*	*	*	-	*	*	*	*
Below Grade 2/	-	*	1.2	1.8	1.9	-	*	*	*	*
All grades	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple										
26 & shorter	-	*	0.1	0.1	0.1	-	*	*	*	*
28	-	0.4	1.1	1.0	1.0	-	-	-	-	-
29	-	0.5	3.2	3.0	3.0	-	-	-	-	-
30	-	1.1	8.3	9.0	8.9	-	-	-	-	*
31	-	3.9	18.7	21.0	21.2	-	*	*	*	*
32	-	10.3	24.9	27.3	27.4	-	*	*	*	*
33	-	17.2	18.2	18.4	18.4	-	0.5	0.4	0.5	0.5
34	-	17.5	10.6	9.2	9.2	3.5	5.0	5.0	5.5	5.9
35	-	26.5	9.2	6.8	6.7	20.7	27.3	27.6	28.4	28.7
36	-	17.3	4.5	3.2	3.2	28.1	39.7	39.2	38.2	37.8
37	-	4.7	1.1	0.8	0.8	27.5	24.2	24.3	24.0	23.9
38	-	0.5	0.1	0.1	0.1	12.6	3.0	3.1	3.0	3.0
39	-	0.1	*	*	*	6.7	0.2	0.2	0.2	0.2
40 & longer	-	-	-	-	-	0.8	*	*	*	*
All staples	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	-	34.2	32.4	32.2	32.2	36.5	35.9	35.9	35.9	35.9
Classings	-	21,162	114,763	163,081	165,264	982	67,072	125,960	144,345	149,441

1/ Includes Kansas. 2/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Table 8. -- Continued

TENNESSEE						TEXAS				
Grade and Staple	Period through				Crop	Period through				Crop
	Sept. 28	Nov. 2	Nov. 30	Dec. 28		Sept. 28	Nov. 2	Nov. 30	Dec. 28	
GRADE										
White:										
11	-	*	*	*	*	*	0.1	0.1	0.1	0.1
21	0.2	0.2	0.2	0.2	0.2	7.6	11.4	8.4	6.5	6.4
30	-	*	*	*	*	0.1	0.1	*	*	*
31	54.3	36.4	28.8	27.9	27.9	38.8	38.8	27.1	21.9	21.6
40	0.2	1.2	1.0	0.9	0.9	2.5	2.2	1.4	1.1	1.0
41	18.4	30.1	36.5	36.1	36.1	31.9	28.5	18.0	14.2	13.9
50	-	0.7	0.8	0.7	0.7	0.5	0.4	0.2	0.1	0.1
51	0.4	1.1	2.4	2.6	2.6	6.8	6.4	3.5	2.7	2.7
60	-	*	*	*	*	*	*	*	*	*
61	*	*	0.1	0.1	0.1	0.7	0.8	0.4	0.3	0.3
70	-	-	-	-	-	-	*	*	*	*
71	-	-	*	*	*	0.1	0.1	0.1	*	*
Total	73.5	69.7	69.8	68.5	68.5	89.0	88.8	59.2	46.9	46.1
Light Spotted:										
12	-	-	-	-	-	*	*	*	*	*
22	-	*	*	*	*	0.4	0.6	2.3	2.3	2.3
32	19.5	17.3	12.8	12.5	12.5	2.6	3.7	14.3	15.2	15.1
42	4.0	11.7	14.6	15.3	15.3	3.9	3.8	9.3	11.2	11.4
52	1.8	0.8	1.9	2.3	2.3	1.6	1.3	1.5	1.6	1.6
62	0.1	*	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2
Total	25.4	29.8	29.5	30.3	30.3	8.8	9.7	27.6	30.5	30.6
Spotted:										
13	-	-	-	-	-	*	*	*	*	*
23	-	*	*	*	*	0.1	*	1.0	1.2	1.2
33	0.1	0.1	0.2	0.2	0.2	0.1	0.2	5.3	7.4	7.4
43	0.2	0.2	0.3	0.4	0.5	0.2	0.2	3.4	6.5	6.8
53	0.3	0.1	0.1	0.2	0.2	0.1	0.1	0.4	0.7	0.7
63	0.1	*	*	*	*	*	*	*	0.1	0.1
Total	0.7	0.4	0.6	0.8	0.9	0.5	0.5	10.1	15.9	16.2
Tinged:										
24	-	-	-	-	-	*	*	0.1	0.1	0.1
34	-	*	*	*	*	*	*	1.6	2.9	2.9
44	-	*	*	*	*	*	*	0.9	2.6	2.7
54	0.2	*	*	*	*	*	*	0.1	0.3	0.4
Total	0.2	*	*	*	*	*	*	2.7	5.9	6.1
Stained:										
All grades	-	*	*	*	*	*	*	0.1	0.2	0.2
Light Gray:										
All grades	0.1	0.1	0.1	0.1	0.1	1.6	0.9	0.4	0.3	0.3
Gray:										
All grades	-	*	*	*	*	*	*	*	*	*
Below Grade 1/	*	*	*	*	*	0.1	0.1	0.1	0.3	0.3
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Staple										
26 & shorter	-	-	-	-	-	*	*	*	*	*
28	-	-	-	-	-	0.2	0.2	0.3	0.4	0.5
29	-	-	-	-	-	1.1	1.0	1.7	2.3	2.4
30	-	*	*	*	*	4.2	3.9	6.6	7.9	8.0
31	-	*	*	*	*	9.6	9.5	14.9	16.8	16.9
32	0.2	0.2	0.1	0.1	0.1	12.7	14.1	19.9	21.3	21.4
33	1.5	2.9	2.2	2.1	2.1	15.3	17.7	20.2	20.6	20.6
34	10.5	34.1	29.1	28.7	28.6	19.0	20.1	16.3	14.9	14.7
35	68.5	54.5	57.1	57.2	57.2	19.6	17.9	11.0	8.7	8.6
36	17.9	8.0	11.1	11.5	11.5	12.1	9.8	5.6	4.3	4.2
37	1.3	0.3	0.4	0.4	0.4	5.4	4.6	2.7	2.1	2.1
38	-	*	*	*	*	0.6	1.0	0.7	0.5	0.5
39	-	*	*	*	*	0.1	0.2	0.1	0.1	0.1
40 & longer	-	-	-	-	-	*	*	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	35.1	34.7	34.8	34.8	34.8	33.7	33.6	32.9	32.7	32.6
Classings	6,550	242,361	452,641	468,942	469,928	554,479	933,130	1,967,886	2,719,312	2,780,811

1/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Table 9. — Percentage distribution of grade and staple for upland cotton classed, by classing offices, 1989 crop

Grade and Staple	ABILENE		ALTUS		Classing Office Total 1/	BAKERSFIELD		BIRMINGHAM		CORPUS CHRISTI
	Texas	Oklahoma	Texas			California	Alabama 2/	Texas		
GRADE										
White:										
11	0.1	*	*	*	*	*	*	*	*	*
21	11.8	4.2	1.0	2.7	7.4	0.4	10.1			
30	*	*	*	*	*	*	*			
31	30.7	8.1	10.6	9.3	68.5	20.4	51.8			
40	0.6	1.2	0.6	0.9	5.0	1.4	3.3			
41	10.7	5.1	7.1	6.1	13.5	48.7	21.0			
50	*	0.1	*	0.1	0.1	1.0	0.3			
51	1.1	1.2	1.0	1.1	0.9	8.7	2.9			
60	-	*	-	*	*	*	*			
61	*	0.1	0.1	0.1	0.1	0.8	0.2			
70	*	-	-	-	-	-	-			
71	*	*	*	*	*	*	*			
Total	55.0	20.0	20.4	20.3	95.5	81.4	89.6			
Light Spotted:										
12	*	-	-	-	-	*	-			
22	2.2	1.7	1.3	1.5	*	*	0.3			
32	23.8	11.0	18.4	14.6	1.9	3.5	3.7			
42	12.7	9.8	21.6	15.5	1.7	10.5	4.3			
52	1.3	2.7	3.1	2.9	0.5	2.4	1.2			
62	0.1	0.5	0.2	0.4	0.1	0.4	0.2			
Total	40.1	25.7	44.6	34.9	4.2	16.8	9.7			
Spotted:										
13	*	-	-	-	*	*	-			
23	0.4	0.7	0.5	0.6	*	*	*			
33	2.6	13.1	9.6	11.4	*	0.2	0.1			
43	1.4	17.3	15.2	16.3	0.1	0.9	0.1			
53	0.1	4.4	1.5	3.0	*	0.3	*			
63	*	0.8	0.1	0.5	*	*	*			
Total	4.5	36.3	26.9	31.8	0.1	1.4	0.2			
Tinged:										
Total	0.4	15.8	7.7	11.9	*	0.1	*			
Stained:										
All grades	*	*	*	*	*	*	*			
Light Gray:										
All grades	*	-	*	*	0.2	0.2	0.2			
Gray:										
All grades	*	*	*	*	*	*	*			
Below Grade 3/										
All grades	*	1.9	0.1	1.1	*	*	*			
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
STAPLE										
26 & shorter	0.1	0.1	*	0.1	-	-	0.1			
28	0.7	1.0	0.9	1.0	-	-	0.7			
29	3.5	3.0	4.0	3.5	-	-	3.3			
30	11.4	8.9	14.0	11.4	*	-	11.1			
31	22.4	21.2	28.4	24.6	*	*	20.7			
32	24.3	27.4	30.1	28.7	*	0.3	20.0			
33	18.1	18.4	16.4	17.4	0.1	5.9	13.4			
34	12.1	9.2	4.8	7.1	1.1	21.7	7.8			
35	5.5	6.7	1.0	4.0	25.2	36.6	5.8			
36	1.6	3.2	0.2	1.8	55.8	24.7	8.0			
37	0.3	0.8	*	0.4	11.6	10.2	7.6			
38	0.1	0.1	*	*	4.3	0.5	1.3			
39	*	-	-	*	1.6	0.1	0.1			
40 & longer	*	-	-	-	0.3	*	*			
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
Average staple	32.1	32.2	31.6	31.9	36.0	35.1	32.7			

1/ Includes Kansas. 2/ Includes Florida. 3/ Lower in grade than the lowest grades of the official standards.
* Less than 0.05 percent.

Table 9. -- Continued

Grade and Staple	EL CENTRO			EL PASO			
	Arizona	California	Classing Office Total	Arizona	New Mexico	Texas	Classing Office Total
	:	:	:	:	:	:	:
GRADE							
White:							
11	2.4	0.4	1.0	0.3	0.4	8.0	1.0
21	34.0	20.0	24.2	19.8	8.8	47.4	15.5
30	2.7	1.5	1.9	*	*	-	*
31	39.1	55.6	49.8	54.7	56.9	33.8	54.2
40	0.9	0.3	0.5	0.5	1.4	0.1	1.0
41	7.3	12.1	10.5	8.0	21.7	3.0	15.8
50	0.3	*	0.1	0.1	0.2	-	0.1
51	1.1	1.8	1.6	1.2	1.5	0.5	1.3
60	*	-	*	-	*	-	*
61	0.5	0.6	0.8	0.6	0.3	0.1	0.4
70	-	-	-	-	-	-	-
71	0.1	-	*	0.1	0.2	*	0.1
Total	88.4	92.3	90.4	85.3	91.4	92.9	89.4
Light Spotted:							
12	*	-	*	-	-	-	*
22	0.5	0.2	0.3	1.7	0.2	1.9	0.8
32	1.9	2.0	1.9	7.7	3.5	2.7	4.7
42	2.2	1.9	1.9	3.7	3.6	1.6	3.4
52	2.3	1.2	1.8	0.5	0.6	0.3	0.6
62	2.4	0.8	1.8	0.3	0.3	*	0.3
Total	9.3	6.1	7.7	13.9	8.2	6.5	9.8
Spotted:							
13	-	*	*	-	-	-	-
23	*	*	*	0.1	*	0.2	*
33	*	*	*	0.2	*	0.1	0.1
43	0.2	0.1	0.1	0.2	0.1	-	0.1
53	0.3	0.1	0.2	0.1	0.1	-	0.1
63	0.3	0.1	0.2	0.1	0.1	-	0.1
Total	0.8	0.3	0.5	0.7	0.3	0.3	0.4
Tinged:							
Total	*	*	*	*	*	*	*
Stained:							
All grades	-	-	-	-	-	-	-
Light Gray:							
All grades	0.7	1.2	1.0	*	*	*	*
Gray:							
All grades	*	*	*	-	*	*	*
Below Grade 1/	0.8	*	0.3	0.1	*	*	0.1
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0
STAPLE							
26 & shorter	-	-	-	-	-	-	-
28	*	-	*	-	-	-	-
29	*	-	*	*	-	*	*
30	*	-	*	*	*	0.1	*
31	0.1	*	*	*	0.1	0.5	0.1
32	0.4	0.2	0.4	0.1	0.4	2.0	0.4
33	2.2	1.1	1.9	0.8	1.9	7.7	2.1
34	12.7	5.6	8.1	4.9	3.7	25.8	6.0
35	35.5	29.4	31.1	10.6	6.9	36.2	10.6
36	33.5	48.4	43.2	25.7	15.5	19.5	19.0
37	14.6	14.6	14.5	37.4	39.9	6.4	36.2
38	0.9	0.6	0.7	11.7	24.5	1.5	18.6
39	*	*	*	3.1	6.3	0.3	4.8
40 & longer	-	-	-	5.7	0.7	*	2.2
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	35.5	35.7	35.6	36.8	36.9	34.9	36.7

1/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Table 9. -- Continued

Grade and Staple	FLORENCE		Classing Office Total	FRESNO	GREENWOOD	HARLINGEN
	North Carolina	South Carolina		California	Mississippi	Texas
GRADE						
White:						
11	-	-	-	*	*	*
21	*	*	*	4.4	0.4	2.4
30	*	*	*	0.1	*	*
31	5.0	9.7	7.4	52.2	19.8	26.5
40	0.6	1.2	0.9	8.2	1.3	1.7
41	56.4	52.6	54.5	27.9	52.2	41.0
50	3.1	2.4	2.7	0.6	1.8	0.6
51	17.8	11.2	14.4	3.2	7.2	10.2
60	0.1	*	*	*	*	*
61	1.1	1.0	1.0	0.3	0.8	0.9
70	*	*	*	*	*	-
71	*	0.1	0.1	*	0.1	*
Total	84.1	78.2	81.0	96.9	83.6	85.3
Light Spotted:						
12	-	-	-	*	-	*
22	*	-	*	*	*	0.4
32	0.7	2.3	1.5	0.6	2.2	2.1
42	9.6	14.3	12.0	1.1	9.4	3.8
52	3.9	4.0	4.0	0.4	3.0	1.7
62	0.6	0.5	0.5	0.1	0.7	0.4
Total	14.8	21.1	18.0	2.2	15.3	8.4
Spotted:						
13	-	-	-	*	-	*
23	*	*	*	*	*	0.1
33	*	*	*	*	0.1	0.2
43	0.1	0.2	0.2	0.1	0.4	0.3
53	0.1	0.1	0.1	*	0.2	0.1
63	0.1	0.1	0.1	*	0.1	*
Total	0.3	0.4	0.4	0.1	0.8	0.7
Tinged:						
Total	*	*	*	*	*	*
Stained:						
All grades	-	-	-	*	-	*
Light Gray:						
All grades	0.5	0.1	0.3	0.8	0.1	5.0
Gray:						
All grades	*	*	*	*	*	*
Below Grade 1/						
All grades	*	*	*	*	0.1	*
All grades	100.0	100.0	100.0	100.0	100.0	100.0
STAPLE						
26 & shorter	*	*	*	*	-	*
28	-	-	-	-	-	*
29	-	-	-	-	*	0.1
30	-	*	*	*	*	0.6
31	*	*	*	*	*	2.4
32	*	*	*	*	0.1	7.5
33	1.0	0.5	0.8	*	0.7	20.6
34	12.0	5.9	8.9	0.4	7.9	31.8
35	44.2	28.7	36.3	26.8	49.5	25.3
36	35.8	37.8	36.8	63.7	37.1	9.8
37	6.6	23.9	15.4	7.6	4.1	2.0
38	0.4	3.0	1.7	1.2	0.4	0.1
39	*	0.2	0.1	0.2	0.1	*
40 & longer	*	*	*	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	35.4	35.9	35.6	35.8	35.4	34.1

1/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Table 9. -- Continued

Grade and Staple	HAYTI			LAMESA		
	Arkansas	Missouri	Classing Office Total	New Mexico	Texas	Classing Office Total
GRADE						
White:						
11	-	-	-	-	0.1	0.1
21	0.1	0.1	0.1	3.4	14.2	14.1
30	*	*	*	-	*	*
31	17.0	24.5	20.6	22.1	28.0	27.9
40	0.8	1.3	1.0	6.0	1.5	1.6
41	58.9	57.4	58.7	25.6	9.8	9.9
50	3.8	2.6	3.2	*	*	*
51	7.3	4.2	5.8	2.8	0.7	0.7
60	*	*	*	-	-	-
61	0.4	0.2	0.3	1.1	*	*
70	-	-	-	-	-	-
71	*	*	*	*	*	*
Total	89.3	90.3	89.7	61.0	54.3	54.3
Light Spotted:						
12	-	-	-	-	*	*
22	-	*	*	1.9	6.3	6.3
32	1.5	1.5	1.5	16.8	18.1	18.1
42	7.0	6.3	6.6	11.7	7.2	7.2
52	1.4	1.2	1.3	1.0	0.5	0.5
62	0.2	0.1	0.2	0.1	*	*
Total	10.1	9.1	9.6	31.5	32.1	32.1
Spotted:						
13	-	-	-	-	*	*
23	*	-	*	0.4	3.0	3.0
33	*	*	*	3.0	6.3	6.3
43	0.1	0.1	0.1	2.5	1.9	1.9
53	*	*	*	0.3	0.1	0.1
63	*	*	*	-	*	*
Total	0.1	0.1	0.1	6.2	11.3	11.3
Tinged:						
Total	*	*	*	1.3	2.1	2.1
Stained:						
All grades	*	*	*	*	*	*
Light Gray:						
All grades	0.5	0.5	0.5	-	*	*
Gray:						
All grades	*	*	*	-	*	*
Below Grade 1/	*	*	*	*	0.1	0.1
All grades	100.0	100.0	100.0	100.0	100.0	100.0
STAPLE						
26 & shorter	-	-	-	*	*	*
28	-	-	-	0.4	0.2	0.2
29	-	-	-	1.2	1.1	1.1
30	-	*	*	3.1	4.9	4.8
31	*	*	*	9.7	13.0	13.0
32	0.2	0.1	0.1	20.5	19.9	19.9
33	2.3	1.3	1.8	26.8	21.0	21.0
34	11.8	10.0	10.9	25.0	17.0	17.1
35	46.5	48.3	47.3	9.9	10.5	10.5
36	33.9	33.7	33.8	2.5	5.7	5.7
37	5.0	6.3	5.6	0.6	4.5	4.4
38	0.3	0.4	0.4	0.3	1.9	1.8
39	*	*	*	*	0.4	0.4
40 & longer	*	*	*	-	*	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	35.3	35.4	35.3	33.0	33.2	33.2

1/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Table 9. -- Continued

Grade and Staple	LITTLE ROCK		LUBBOCK		Classing Office Total	MACON	
	Arkansas	New Mexico	Texas	Georgia			
GRADE							
White:							
11	*	-	*	*	*	-	-
21	0.2	0.1	0.6	0.6	0.6	*	*
30	-	-	*	*	*	-	-
31	26.5	2.6	6.5	6.5	6.5	5.4	5.4
40	2.8	-	0.2	0.2	0.2	0.3	0.3
41	43.2	6.8	6.2	6.2	6.2	60.1	60.1
50	6.2	-	*	*	*	0.8	0.8
51	7.2	1.0	1.1	1.1	1.1	21.7	21.7
60	*	-	*	*	*	*	*
61	0.7	-	0.1	0.1	0.1	1.8	1.8
70	-	-	-	-	-	-	-
71	0.1	-	*	*	*	0.1	0.1
Total	86.9	10.5	14.7	14.7	14.7	90.2	90.2
Light Spotted:							
12	*	-	*	*	*	-	-
22	*	0.1	1.6	1.6	1.6	-	-
32	2.7	13.0	18.1	18.1	18.1	0.4	0.4
42	7.1	28.7	16.4	16.4	16.4	5.2	5.2
52	2.4	12.7	1.9	1.9	1.9	2.0	2.0
62	0.4	0.3	0.1	0.1	0.1	0.3	0.3
Total	12.6	54.8	38.1	38.1	38.1	7.9	7.9
Spotted:							
13	*	-	*	*	*	-	-
23	*	-	1.4	1.4	1.4	*	*
33	0.1	4.4	14.2	14.2	14.2	*	*
43	0.3	14.9	14.4	14.4	14.4	0.2	0.2
53	0.1	11.1	1.5	1.6	1.6	0.1	0.1
63	*	0.9	0.1	0.1	0.1	*	*
Total	0.5	31.3	31.6	31.7	31.7	0.3	0.3
Tinged:							
Total	*	3.5	14.2	14.2	14.2	*	*
Stained:							
All grades	-	-	0.5	0.5	0.5	-	-
Light Gray:							
All grades	*	-	*	*	*	1.5	1.5
Gray:							
All grades	*	-	*	*	*	*	*
Below Grade 1/	*	-	0.7	0.7	0.7	*	*
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0
STAPLE							
26 & shorter	-	-	0.1	0.1	0.1	-	-
28	-	-	0.6	0.6	0.6	*	*
29	-	1.4	3.3	3.3	3.3	-	-
30	*	5.5	10.4	10.4	10.4	*	*
31	*	22.5	21.0	21.0	21.0	*	*
32	*	34.6	26.0	26.0	26.0	0.7	0.7
33	0.3	23.5	24.5	24.5	24.5	7.0	7.0
34	1.9	10.3	11.7	11.7	11.7	19.8	19.8
35	24.4	1.0	1.8	1.8	1.8	31.9	31.9
36	62.9	0.8	0.4	0.4	0.4	26.0	26.0
37	10.1	0.2	0.2	0.2	0.2	12.8	12.8
38	0.4	0.1	*	*	*	1.8	1.8
39	*	-	*	*	*	*	*
40 & longer	*	-	*	*	*	*	*
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average staple	35.8	32.2	32.0	32.0	32.0	35.2	35.2

1/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Table 9. — Continued

Grade and Staple	MEMPHIS				Classing Office Total	PHOENIX	RAYVILLE	MACO
	Arkansas	Mississippi	Tennessee	Arizona		Louisiana	Texas	
GRADE								
White:								
11	-	-	*	*	*	*	*	*
21	*	0.2	0.2	0.2	7.4	1.3	7.7	
30	-	*	*	*	*	*	0.1	
31	19.9	17.3	27.9	25.1	61.9	34.4	33.7	
40	1.5	1.4	0.9	1.1	0.6	2.3	2.0	
41	58.5	39.1	36.1	38.1	16.8	42.6	33.4	
50	1.0	2.3	0.7	1.1	0.2	3.4	0.5	
51	5.0	7.8	2.6	3.9	1.9	7.2	9.0	
60	*	*	*	*	*	*	*	
61	0.4	0.4	0.1	0.2	0.6	0.5	1.5	
70	-	-	-	-	-	*	-	
71	*	*	*	*	0.1	*	0.2	
Total	86.3	68.5	68.5	69.7	89.5	91.7	88.1	
Light Spotted:								
12	-	-	-	-	-	*	*	
22	*	0.2	*	0.1	0.1	*	0.5	
32	3.3	6.4	12.5	10.6	1.6	2.1	2.9	
42	8.6	16.6	15.3	15.2	1.5	3.8	4.3	
52	1.1	4.7	2.3	2.8	1.7	1.3	2.1	
62	0.1	0.6	0.2	0.3	1.6	0.2	0.5	
Total	13.1	28.5	30.3	29.0	6.5	7.4	10.3	
Spotted:								
13	-	-	-	-	-	*	*	
23	-	*	*	*	*	*	*	
33	0.1	0.6	0.2	0.3	*	0.1	0.3	
43	0.2	1.6	0.5	0.7	*	0.3	0.3	
53	0.1	0.5	0.2	0.2	0.1	0.1	0.3	
63	*	0.1	*	*	0.1	*	0.1	
Total	0.4	2.8	0.9	1.2	0.2	0.5	1.0	
Tinged:								
Total	*	*	*	*	*	*	0.2	
Stained:								
All grades	-	*	*	*	-	*	*	
Light Gray:								
All grades	*	*	0.1	0.1	3.1	0.1	*	
Gray:								
All grades	-	*	*	*	0.1	*	*	
Below Grade 1/	*	0.1	*	*	0.6	*	0.1	
All grades	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
STAPLE								
26 & shorter	-	*	-	*	*	-	*	
28	-	-	-	-	*	-	0.1	
29	-	-	-	-	*	*	0.3	
30	*	*	*	*	*	*	1.5	
31	-	*	*	*	*	*	5.6	
32	0.1	*	0.1	0.1	0.4	0.3	11.5	
33	3.1	0.5	2.1	1.8	1.3	2.3	16.5	
34	12.2	7.0	28.6	22.9	11.4	20.8	22.3	
35	44.3	50.5	57.2	54.9	48.7	53.7	24.7	
36	30.9	38.6	11.5	18.6	34.8	21.9	13.1	
37	9.1	3.5	0.4	1.6	3.1	1.1	4.3	
38	0.3	*	*	*	0.1	*	0.3	
39	*	*	*	*	*	*	*	
40 & longer	-	-	-	-	*	*	*	
All staples	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Average staple	35.3	35.4	34.8	35.0	35.3	35.0	34.0	

1/ Lower in grade than the lowest grades of the official standards.

* Less than 0.05 percent.

Table 10. -- Percentage distribution of mike and fiber strength for upland cotton classed through specified periods, by states and United States, 1989 crop

ALABAMA 1/						ARIZONA				
Mike and Strength	Period through				Crop	Period through				Crop
	Sept. 28	Nov. 2	Nov. 30	Dec. 28		Sept. 28	Nov. 2	Nov. 30	Dec. 28	
MIKE										
24 & below	-	*	*	*	*	-	*	*	0.2	0.2
25	-	*	*	*	0.1	*	*	0.1	0.2	0.2
26	-	*	*	0.1	0.1	0.1	*	0.1	0.4	0.5
27	-	*	*	0.1	0.2	0.2	*	0.2	0.5	0.7
28	-	*	0.1	0.2	0.2	0.1	0.1	0.3	0.7	0.9
29	0.3	*	0.2	0.3	0.3	0.3	0.1	0.3	0.8	1.0
30	0.8	0.1	0.3	0.5	0.5	0.3	0.1	0.5	0.9	1.1
31	1.1	0.3	0.4	0.6	0.6	0.3	0.1	0.5	1.0	1.2
32	3.5	0.7	0.9	1.2	1.2	0.4	0.1	0.5	0.9	1.0
33	4.6	1.3	1.4	1.6	1.6	0.5	0.2	0.6	0.9	1.1
34	4.4	2.0	2.0	2.2	2.2	0.5	0.3	0.7	1.0	1.1
35	9.2	2.9	2.9	3.0	3.0	0.6	0.4	0.7	1.1	1.3
36	10.2	3.7	3.6	3.8	3.8	0.9	0.6	0.9	1.2	1.4
37	10.9	4.7	4.5	4.7	4.7	0.8	0.8	1.0	1.3	1.4
38	10.0	5.6	5.5	5.7	5.7	1.6	1.3	1.4	1.6	1.7
39	12.4	6.4	6.2	6.3	6.3	2.3	1.5	1.6	1.8	1.9
40	10.5	7.0	6.9	6.9	6.9	4.7	2.6	2.5	2.7	2.8
41	7.5	6.9	7.0	7.0	7.0	6.1	3.2	3.1	3.4	3.4
42	5.7	7.4	7.4	7.4	7.4	7.5	4.2	4.3	4.6	4.5
43	2.4	7.2	7.2	7.2	7.2	8.9	4.8	4.8	4.9	4.9
44	2.3	7.1	7.1	7.0	7.0	8.6	6.2	6.6	6.6	6.5
45	2.1	6.8	6.9	6.7	6.7	8.3	6.8	7.0	6.8	6.7
46	0.8	6.4	6.5	6.2	6.2	6.1	8.4	8.9	8.4	8.3
47	0.5	5.9	5.3	5.5	5.4	7.1	8.7	8.6	7.9	7.7
48	0.2	5.0	5.0	4.7	4.6	5.3	10.0	10.0	9.1	8.8
49	0.3	4.2	4.0	3.7	3.7	6.7	9.8	9.1	8.1	7.8
50	0.1	3.3	3.1	2.9	2.8	4.3	9.4	8.6	7.7	7.4
51	0.2	2.2	2.1	1.9	1.9	6.1	7.7	6.5	5.7	5.4
52	0.1	1.4	1.4	1.3	1.3	3.5	5.9	5.2	4.6	4.4
53	-	0.7	0.8	0.7	0.7	4.0	3.6	3.0	2.6	2.5
54	-	0.5	0.5	0.4	0.4	1.7	2.1	1.8	1.7	1.6
55	-	0.2	0.2	0.2	0.2	1.1	0.6	0.6	0.6	0.5
56	-	*	*	*	*	0.4	0.2	0.2	0.2	0.2
57	-	*	*	*	*	0.4	*	*	*	*
58	-	*	*	*	*	0.3	*	*	*	*
59	-	*	*	*	*	0.2	*	*	*	*
60 & above	-	*	*	*	*	-	-	-	-	-
Average mike	38	43	43	42	42	45	47	46	45	45
FIBER STRENGTH 2/										
17 & below	-	0.1	0.1	0.1	0.1	-	*	*	*	*
18	-	*	*	*	*	-	0.1	0.1	0.1	0.1
19	-	0.1	0.1	*	*	0.6	0.2	0.1	0.1	0.1
20	-	0.2	0.2	0.2	0.2	1.8	0.4	0.4	0.5	0.5
21	0.1	0.6	0.6	0.5	0.5	3.0	0.9	0.7	0.9	1.1
22	0.9	1.7	1.9	1.7	1.7	13.4	3.5	3.0	2.8	3.3
23	3.2	4.5	4.8	4.5	4.5	8.1	5.4	4.8	5.0	5.3
24	11.6	9.0	9.4	9.3	9.2	16.7	8.4	9.8	10.3	11.2
25	17.9	13.9	14.4	14.2	14.1	20.4	11.3	12.2	12.9	13.5
26	19.3	16.0	16.2	16.0	15.9	18.4	15.8	16.5	16.4	15.9
27	16.0	14.7	14.7	14.7	14.7	7.4	14.4	15.4	14.5	14.0
28	13.9	12.6	12.3	12.5	12.6	3.9	15.1	16.2	15.6	14.4
29	9.9	10.1	10.0	10.3	10.4	5.3	11.4	10.1	9.8	9.4
30	5.2	7.4	7.2	7.6	7.7	0.9	7.1	6.2	6.5	6.6
31	1.8	5.1	4.5	4.6	4.7	-	3.4	2.6	2.8	2.7
32	0.2	2.6	2.2	2.2	2.2	-	1.7	1.2	1.2	1.3
33	0.1	0.9	1.1	1.1	1.1	-	0.5	0.4	0.4	0.4
34	*	0.6	0.5	0.5	0.5	-	0.2	0.1	0.1	0.1
35	-	*	*	*	*	-	0.3	0.1	0.1	0.1
36 & above	-	*	*	*	*	-	0.2	0.1	0.1	0.1
Average strength	26.5	26.9	26.9	26.9	26.9	24.7	26.8	26.6	26.6	26.5

1/ Includes Florida. 2/ Fiber strength expressed in terms of 1/8" gage (grams per tex).
 * Less than 0.05 percent.

Table 10. -- Continued

ARKANSAS						CALIFORNIA						
Mike and Strength	Period through				Crop	Period through				Crop		
	Sept. 28	Nov. 2	Nov. 30	Dec. 28		Sept. 28	Nov. 2	Nov. 30	Dec. 28			
MIKE	24 & below	-	*	0.1	0.3	0.3	::	*	*	*	*	*
	25	*	*	0.1	0.2	0.2	::	*	*	*	*	*
	26	-	*	0.2	0.3	0.3	::	-	*	*	0.1	*
	27	-	*	0.2	0.4	0.4	::	*	*	0.1	0.1	0.1
	28	-	*	0.3	0.5	0.5	::	*	*	0.1	0.1	0.1
	29	-	*	0.4	0.5	0.5	::	*	*	0.1	0.1	0.1
	30	-	0.1	0.6	0.7	0.7	::	0.1	0.1	0.2	0.2	0.2
	31	*	0.1	0.6	0.8	0.8	::	0.2	0.1	0.2	0.3	0.3
	32	0.1	0.2	0.8	0.9	0.9	::	0.1	0.1	0.3	0.4	0.4
	33	0.2	0.3	0.8	1.0	1.0	::	0.1	0.2	0.4	0.4	0.4
	34	0.3	0.4	1.1	1.2	1.2	::	0.1	0.3	0.5	0.6	0.6
	35	1.1	0.8	1.4	1.5	1.5	::	0.2	0.6	0.9	0.9	0.9
	36	2.3	1.5	2.3	2.4	2.4	::	0.4	1.1	1.6	1.6	1.6
	37	2.8	1.9	2.6	2.7	2.7	::	0.7	1.6	2.2	2.2	2.2
	38	6.0	3.6	4.1	4.1	4.1	::	1.4	3.0	3.7	3.8	3.8
	39	7.3	4.6	4.8	4.9	4.9	::	2.6	4.3	5.0	5.2	5.2
	40	12.1	7.2	6.9	6.9	6.9	::	3.8	6.8	7.8	7.9	7.9
	41	11.5	8.2	7.7	7.6	7.6	::	5.2	8.3	8.9	9.1	9.2
	42	14.6	10.8	9.7	9.5	9.5	::	6.6	11.6	12.2	12.3	12.4
	43	11.0	10.0	8.9	8.7	8.7	::	6.5	11.3	11.4	11.4	11.5
	44	12.5	11.9	10.4	10.1	10.1	::	10.0	13.7	13.1	12.9	13.0
	45	6.8	8.9	8.0	7.8	7.8	::	10.9	10.9	9.9	9.7	9.6
	46	5.5	9.0	8.0	7.8	7.8	::	12.3	10.2	9.0	8.7	8.6
	47	2.8	5.8	5.4	5.3	5.3	::	10.4	6.4	5.2	5.1	5.0
	48	2.0	5.4	5.0	4.9	4.8	::	9.6	4.8	3.8	3.7	3.7
	49	0.8	3.8	3.7	3.5	3.5	::	6.8	2.9	2.3	2.3	2.2
	50	0.3	2.2	2.3	2.2	2.2	::	4.8	0.9	0.6	0.6	0.6
	51	0.1	1.3	1.4	1.4	1.4	::	3.1	0.5	0.3	0.3	0.3
	52	*	1.0	1.1	1.0	1.0	::	1.7	0.3	0.2	0.1	0.1
	53	*	0.5	0.5	0.5	0.5	::	0.5	0.1	0.1	0.1	0.1
	54	*	0.3	0.4	0.3	0.3	::	0.2	*	*	*	*
	55	-	0.1	0.1	0.1	0.1	::	*	*	*	*	*
	56	-	0.1	0.1	0.1	1.0	::	-	*	*	*	*
	57	-	*	*	*	*	::	-	*	*	*	*
	58	-	*	*	*	*	::	-	*	*	*	*
	59	-	*	*	*	*	::	-	*	*	*	*
	60 & above	-	*	*	*	*	::	-	*	*	*	*
Average mike		42	44	43	42	42	::	45	43	43	43	43
FIBER STRENGTH 1/							::					
	17 & below	0.1	*	*	*	*	::	-	0.2	0.1	0.1	0.1
	18	*	*	*	*	*	::	-	*	*	*	*
	19	0.1	*	*	*	*	::	-	*	*	*	*
	20	0.1	*	0.1	0.1	*	::	-	*	*	*	*
	21	0.6	0.2	0.2	0.2	0.2	::	5.9	0.1	0.1	0.1	0.1
	22	3.4	1.2	1.0	1.0	1.0	::	11.7	0.3	0.2	0.2	0.2
	23	8.9	3.6	2.1	3.2	3.1	::	15.8	0.4	0.3	0.3	0.3
	24	20.0	10.9	9.8	9.7	10.2	::	21.1	0.9	0.6	0.6	0.6
	25	23.2	16.6	16.1	15.9	16.3	::	14.0	1.3	1.2	1.1	1.1
	26	24.9	23.2	24.1	23.9	23.8	::	11.1	4.5	4.2	3.8	3.6
	27	11.4	17.5	18.6	18.4	18.2	::	10.5	9.4	8.6	7.8	7.5
	28	5.2	13.6	14.6	14.3	14.1	::	4.1	16.1	15.5	14.5	14.0
	29	1.6	6.7	6.8	6.6	6.5	::	1.2	16.7	17.2	16.4	15.9
	30	0.5	3.7	3.8	3.7	3.7	::	2.9	16.9	18.5	18.3	18.0
	31	0.1	1.4	1.5	1.5	1.4	::	1.2	12.4	12.8	12.9	13.1
	32	*	0.9	1.1	1.0	1.0	::	0.6	10.4	10.1	10.6	11.0
	33	-	0.3	0.3	0.3	0.3	::	-	5.3	5.3	6.2	6.7
	34	-	0.1	0.1	0.1	0.1	::	-	3.1	3.0	3.8	4.1
	35	-	*	*	*	*	::	-	1.1	1.3	1.9	2.1
	36 & above	-	*	*	*	*	::	-	1.0	1.0	1.5	1.7
Average strength		25.2	26.4	26.5	26.5	26.5	::	24.6	29.5	29.6	29.8	29.9

1/ Fiber strength expressed in terms of 1/8" gage (grams per tex).

* Less than 0.05 percent.

Table 10. -- Continued

GEORGIA						LOUISIANA						
Mike and Strength	Period through				Crop	Period through				Crop		
	Sept. 28	Nov. 2	Nov. 30	Dec. 28		Sept. 28	Nov. 2	Nov. 30	Dec. 28			
MIKE	24 & below	-	*	*	*	0.1	::	*	*	*	*	*
	25	0.1	*	*	*	0.1	::	*	*	*	*	*
	26	0.1	*	*	0.1	0.1	::	*	*	*	*	*
	27	0.1	*	*	0.1	0.1	::	*	*	0.1	0.1	0.1
	28	0.1	*	*	0.1	0.2	::	*	0.1	0.1	0.1	0.1
	29	0.1	*	0.1	0.2	0.2	::	*	0.1	0.2	0.2	0.2
	30	0.2	*	0.1	0.4	0.5	::	0.1	0.2	0.4	0.4	0.4
	31	0.5	0.1	0.2	0.5	0.6	::	0.1	0.4	0.6	0.6	0.6
	32	0.5	0.3	0.4	0.7	0.8	::	0.2	0.7	0.9	0.9	0.9
	33	2.2	0.5	0.6	1.0	1.0	::	0.5	1.1	1.2	0.1	1.2
	34	3.9	0.9	1.1	1.4	1.5	::	1.2	1.8	2.0	2.0	2.0
	35	6.1	1.5	1.6	2.0	2.1	::	2.1	2.4	2.5	2.6	2.6
	36	6.4	2.2	2.3	2.7	2.9	::	4.3	4.0	4.2	4.2	4.2
	37	7.9	3.3	3.4	3.9	4.0	::	6.4	5.3	5.2	5.2	5.2
	38	10.2	5.0	4.9	5.3	5.4	::	10.0	7.5	7.4	7.3	7.3
	39	8.5	6.8	6.8	7.0	7.1	::	11.3	8.7	8.4	8.4	8.4
	40	9.4	9.2	9.1	9.1	9.1	::	12.8	10.4	10.2	10.1	10.1
	41	9.3	11.6	11.3	11.0	10.9	::	12.1	10.6	10.2	10.2	10.2
	42	7.2	12.5	12.3	11.8	11.6	::	11.5	10.5	10.3	10.3	10.3
	43	7.8	12.3	12.2	11.6	11.4	::	9.5	9.2	9.0	9.1	9.1
	44	6.7	10.9	10.7	10.1	9.9	::	7.4	8.3	8.4	8.4	8.4
	45	5.6	8.8	8.8	8.2	8.0	::	4.6	6.1	6.1	6.1	6.1
	46	4.1	6.2	6.2	5.7	5.6	::	3.1	5.0	5.0	5.1	5.1
	47	1.9	3.8	3.8	3.5	3.4	::	1.5	3.1	3.1	3.1	3.1
	48	0.9	2.1	2.2	2.0	1.9	::	0.9	2.1	2.2	2.2	2.2
	49	0.3	1.1	1.1	1.0	1.0	::	0.4	1.3	1.3	1.3	1.3
	50	0.1	0.6	0.6	0.6	0.6	::	0.2	0.7	0.7	0.7	0.7
	51	*	0.1	0.1	0.1	0.1	::	*	0.3	0.3	0.3	0.3
	52	*	*	0.1	0.1	0.1	::	*	0.1	0.1	0.1	0.1
	53	-	*	*	*	*	::	*	*	*	*	*
	54	-	*	*	*	*	::	*	*	*	*	*
	55	-	*	*	*	*	::	*	*	*	*	*
	56	-	-	*	*	*	::	*	*	*	*	*
	57	-	-	*	*	*	::	-	*	*	*	*
	58	-	*	*	*	*	::	-	*	*	*	*
	59	-	*	*	*	*	::	-	*	*	*	*
	60 & above	-	-	-	-	-	::	*	*	*	*	*
Average Mike	40	42	42	42	41	41	::	41	41	41	41	41
FIBER STRENGTH 1/ 17 & below	-	-	-	-	-	-	::	-	-	*	*	*
18	-	-	-	-	-	-	::	-	-	-	-	-
19	*	*	*	*	*	*	::	-	*	*	*	*
20	0.2	0.1	0.1	0.1	0.1	0.1	::	-	*	*	*	*
21	1.4	0.5	0.3	0.2	0.2	0.2	::	0.2	0.2	0.2	0.2	0.2
22	6.0	2.1	1.2	1.1	1.1	1.1	::	3.1	1.1	1.2	1.1	1.1
23	12.3	5.9	3.6	3.5	3.4	3.4	::	7.2	3.7	3.8	3.7	3.7
24	16.3	11.3	7.5	7.2	7.3	7.3	::	16.7	12.2	11.6	11.3	11.3
25	21.4	15.7	11.9	11.6	11.8	11.8	::	23.3	16.9	16.0	15.7	15.7
26	18.1	17.6	15.4	15.4	15.5	15.5	::	19.2	19.8	19.8	19.2	19.2
27	11.5	17.1	17.0	17.3	17.3	17.3	::	8.9	13.8	13.5	13.4	13.4
28	6.7	13.9	16.3	16.7	16.6	16.6	::	6.8	9.5	9.9	9.9	9.9
29	3.4	9.2	13.0	13.3	13.2	13.2	::	3.3	5.8	6.1	6.3	6.3
30	1.2	4.5	8.0	8.2	8.1	8.1	::	5.4	6.1	6.4	6.7	6.7
31	0.7	1.6	3.8	3.8	3.8	3.8	::	2.5	4.4	4.7	4.8	4.8
32	0.4	0.4	1.4	1.4	1.4	1.4	::	2.7	3.4	3.6	3.9	3.9
33	0.2	0.1	0.4	0.3	0.3	0.3	::	0.4	1.6	1.8	2.0	2.0
34	0.2	*	*	*	*	*	::	0.4	1.0	1.0	1.1	1.1
35	*	*	*	*	*	*	::	-	0.4	0.4	0.4	0.4
36 & above	-	*	*	*	*	*	::	-	0.2	0.2	0.2	0.2
Average strength	25.3	26.4	27.1	27.1	27.1	27.1	::	26.0	26.8	26.9	27.0	27.0

1/ Fiber strength expressed in terms of 1/8" gage (grams per tex).

* Less than 0.05 percent.

Table 10. — Continued

MISSISSIPPI						MISSOURI					
Mike and Strength	Period through				Crop	Period through				Crop	
	Sept. 28	Nov. 2	Nov. 30	Dec. 28		Sept. 28	Nov. 2	Nov. 30	Dec. 28		
MIKE	24 & below	-	*	0.1	0.2	0.2	-	-	*	*	*
	25	-	*	0.1	0.2	0.2	-	*	*	*	*
	26	*	*	0.2	0.3	0.3	*	*	*	*	*
	27	0.1	*	0.2	0.4	0.4	*	*	*	*	*
	28	0.2	0.1	0.4	0.6	0.6	*	*	0.1	0.1	0.1
	29	0.3	0.1	0.4	0.6	0.6	*	*	0.1	0.1	0.1
	30	0.7	0.2	0.7	0.9	0.9	*	0.1	0.2	0.2	0.2
	31	1.9	0.3	0.9	1.0	1.0	0.1	0.1	0.2	0.2	0.2
	32	2.4	0.7	1.3	1.4	1.4	*	0.1	0.3	0.2	0.3
	33	3.1	1.0	1.5	1.6	1.6	0.1	0.1	0.3	0.3	0.3
	34	3.4	1.9	2.5	2.6	2.6	0.1	0.2	0.4	0.4	0.4
	35	4.4	2.6	3.0	3.1	3.1	0.9	0.4	0.6	0.7	0.7
	36	4.7	4.5	4.8	4.9	4.9	1.9	0.8	1.2	1.2	1.2
	37	10.1	5.4	5.4	5.4	5.4	2.1	1.0	1.3	1.3	1.3
	38	10.8	7.5	7.3	7.2	7.2	5.6	2.2	2.5	2.5	2.5
	39	13.1	8.1	7.6	7.5	7.5	6.9	2.7	3.0	3.0	3.0
	40	9.1	10.0	9.2	9.1	9.1	11.5	4.9	5.0	5.0	5.0
	41	10.3	9.8	8.8	8.7	8.7	10.5	5.5	5.5	5.5	5.5
	42	7.8	10.2	9.3	9.1	9.1	12.7	8.7	8.4	8.4	8.4
	43	8.4	8.8	8.0	7.9	7.9	9.1	8.2	7.9	7.9	7.9
	44	5.1	8.4	7.9	7.7	7.7	11.6	12.5	11.8	11.8	11.8
	45	3.0	6.0	5.8	5.6	5.6	6.9	9.6	9.1	9.1	9.1
	46	0.8	5.2	5.0	4.9	4.9	6.9	11.8	11.1	11.1	11.1
	47	0.2	3.3	3.3	3.2	3.1	4.4	7.7	7.4	7.4	7.4
	48	*	2.7	2.7	2.6	2.6	4.0	8.4	8.2	8.2	8.2
	49	-	1.7	1.8	1.7	1.7	2.4	6.2	6.1	6.1	6.1
	50	-	1.0	1.0	1.0	1.0	1.0	3.5	3.6	3.6	3.6
	51	-	0.3	0.4	0.4	0.4	0.7	2.2	2.3	2.3	2.3
	52	-	0.2	0.3	0.3	0.3	0.3	1.6	1.7	1.7	1.7
	53	-	0.1	0.1	0.1	0.1	0.2	0.8	0.8	0.8	0.8
	54	-	0.1	0.1	0.1	0.1	0.1	0.5	0.5	0.5	0.5
	55	*	*	*	*	*	*	0.2	0.2	0.2	0.2
	56	-	*	*	*	*	-	0.1	0.1	0.1	0.1
	57	-	*	*	*	*	-	0.1	0.1	0.1	0.1
	58	-	*	*	*	*	-	*	*	*	*
	59	-	-	-	-	-	-	*	*	*	*
	60 & above	-	-	-	-	-	-	-	-	-	-
Average mike		39	41	41	41	41	43	45	45	44	44
FIBER STRENGTH 1/											
	17 & below	-	*	*	*	*	-	*	*	*	*
	18	-	-	*	*	*	0.1	*	*	*	*
	19	-	*	*	*	*	*	*	*	*	*
	20	-	*	*	*	*	0.1	*	*	*	*
	21	-	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1
	22	-	0.7	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9
	23	3.5	2.5	2.9	2.9	2.9	2.6	3.2	3.2	3.2	3.2
	24	19.8	10.1	10.5	10.3	10.3	11.2	10.8	10.9	10.9	10.9
	25	20.9	18.0	18.0	17.6	17.6	19.5	17.0	17.1	17.1	17.1
	26	31.4	25.5	25.1	24.9	24.9	28.5	24.4	24.5	24.4	24.4
	27	17.4	17.7	18.3	18.3	18.3	19.9	18.6	18.4	18.4	18.4
	28	7.0	14.3	13.6	13.9	13.8	11.9	13.9	13.7	13.7	13.7
	29	-	6.3	6.2	6.5	6.5	3.9	6.0	6.0	6.0	6.0
	30	-	3.4	3.0	3.2	3.2	1.2	3.2	3.3	3.3	3.3
	31	-	0.9	0.9	1.0	1.0	0.2	1.2	1.2	1.2	1.2
	32	-	0.4	0.3	0.4	0.4	-	0.5	0.5	0.5	0.5
	33	-	0.1	*	0.1	0.1	-	0.1	0.2	0.2	0.2
	34	-	-	*	*	*	-	0.1	0.1	0.1	0.1
	35	-	*	*	*	*	-	*	*	*	*
	36 & above	-	*	*	*	*	-	*	*	*	*
Average strength		25.6	26.4	26.3	26.4	26.4	26.1	26.4	26.4	26.3	26.3

1/ Fiber strength expressed in terms of 1/8" gage (grams per tex).

* Less than 0.05 percent.

Table 10. -- Continued

NEW MEXICO

NORTH CAROLINA

Mike and Strength	Period through				Crop	Period through				Crop
	Sept. 28	Nov. 2	Nov. 30	Dec. 28		Sept. 28	Nov. 2	Nov. 30	Dec. 28	
MIKE 24 & below	-	0.1	0.4	0.7	0.8	7.7	*	*	0.1	0.2
25	-	*	0.5	0.8	0.8	-	*	*	0.1	0.1
26	-	0.1	1.1	1.3	1.4	5.1	*	*	0.1	0.1
27	-	0.4	1.7	2.2	2.3	1.3	*	0.1	0.2	0.2
28	-	1.2	3.2	3.8	3.8	5.1	*	0.1	0.3	0.3
29	-	1.8	4.0	4.6	4.6	2.6	0.1	0.2	0.4	0.5
30	0.2	3.0	5.0	5.4	5.5	3.9	0.1	0.3	0.6	0.6
31	0.5	3.9	5.7	6.1	6.1	1.3	0.1	0.4	1.0	1.0
32	0.9	5.2	6.7	6.8	6.9	-	0.2	0.6	1.1	1.2
33	1.9	6.1	7.1	7.2	7.1	-	0.4	1.1	1.8	1.9
34	2.0	7.6	8.1	7.9	7.9	-	0.8	1.9	2.7	2.7
35	5.7	8.1	8.0	7.8	7.8	2.6	2.5	4.0	5.0	5.1
36	6.8	9.8	8.7	8.4	8.5	-	4.1	6.1	7.0	7.0
37	7.6	8.5	7.4	7.0	7.0	-	7.1	8.5	9.2	9.2
38	6.1	9.0	7.5	7.0	7.0	-	9.4	10.8	10.9	10.9
39	9.9	8.3	6.4	5.9	5.9	-	13.8	13.1	12.7	12.6
40	15.0	9.3	6.6	6.1	6.0	-	12.1	11.2	10.2	10.1
41	16.7	7.5	5.1	4.7	4.6	1.3	15.1	13.0	11.8	11.7
42	14.6	5.1	3.4	3.1	3.1	3.9	9.4	8.5	7.5	7.5
43	9.0	2.9	1.9	1.8	1.7	7.7	9.7	7.6	6.7	6.6
44	3.0	1.3	0.9	0.8	0.8	7.7	4.9	4.3	3.8	3.8
45	0.1	0.5	0.3	0.3	0.3	21.8	4.8	3.8	3.3	3.2
46	-	0.2	0.1	0.1	0.1	5.1	2.1	1.8	1.6	1.6
47	-	0.1	0.1	0.1	0.1	5.1	1.6	1.3	1.0	1.0
48	-	*	*	*	*	11.5	0.8	0.7	0.6	0.6
49	-	*	*	*	*	6.4	0.7	0.5	0.4	0.4
50	-	*	*	*	*	-	0.2	0.1	0.1	0.1
51	-	*	*	*	*	-	0.1	0.1	0.1	0.1
52	-	-	-	*	*	-	*	*	*	*
53	-	*	*	*	*	-	*	*	*	*
54	-	*	*	*	*	-	*	*	*	*
55	-	-	-	-	-	-	*	*	*	*
56	-	*	*	*	*	-	*	*	*	*
57	-	*	*	*	*	-	*	*	*	*
58	-	-	-	-	-	-	*	*	*	*
59	-	-	-	-	-	-	-	-	-	-
60 & above	-	-	-	-	-	-	-	*	*	*
Average mike	39	37	35	35	35	40	41	40	39	39
FIBER STRENGTH 1/										
17 & below	-	*	*	*	*	-	-	-	-	-
18	-	*	*	*	*	-	-	-	-	-
19	-	*	*	*	*	-	-	-	-	-
20	-	*	*	0.1	0.1	-	-	0.1	0.3	0.3
21	-	*	0.3	0.4	0.4	-	-	0.2	0.8	0.8
22	-	0.2	1.1	1.0	1.1	-	1.5	2.0	4.1	4.3
23	-	0.6	3.1	2.0	2.1	-	4.5	6.3	9.1	9.2
24	0.3	1.3	4.0	3.5	3.6	-	14.9	18.5	19.0	19.2
25	1.1	2.4	6.8	5.3	5.3	-	19.0	18.3	18.9	18.8
26	6.1	3.8	11.2	7.0	7.0	-	22.8	22.0	20.2	20.2
27	10.8	6.4	14.3	9.8	9.8	-	16.0	14.0	12.5	12.4
28	19.2	11.2	15.4	13.3	13.3	-	11.6	10.6	8.8	8.7
29	20.6	17.0	15.6	16.0	16.0	-	5.0	3.6	3.1	3.0
30	18.0	20.1	12.7	16.2	16.2	-	2.4	2.2	1.8	1.9
31	11.4	17.3	7.8	12.5	12.4	-	1.5	1.3	1.0	1.0
32	7.4	11.2	4.4	7.5	7.5	-	0.4	0.5	0.4	0.3
33	3.0	5.6	2.0	3.4	3.4	-	0.2	0.1	*	*
34	2.3	2.0	0.9	1.2	1.2	-	0.2	0.1	0.1	0.1
35	-	0.6	0.2	0.4	0.4	-	-	0.1	*	*
36 & above	-	0.3	0.2	0.2	0.2	-	-	-	-	-
Average strength	29.2	29.7	28.0	28.7	28.7	-	26.1	25.8	25.5	25.5

1/ Fiber strength expressed in terms of 1/8" gage (grams per tex).
 * Less than 0.05 percent.

Table 10. -- Continued

OKLAHOMA 1/						SOUTH CAROLINA					
Mike and Strength	Period through				Crop	Period through				Crop	
	Sept. 28	Nov. 2	Nov. 30	Dec. 28		Sept. 28	Nov. 2	Nov. 30	Dec. 28		
MIKE 24 & below	-	0.7	4.5	6.3	6.6	::	-	*	*	0.1	0.1
25	-	0.4	2.8	3.6	3.7	::	-	*	*	0.1	0.1
26	-	0.7	3.3	4.1	4.1	::	-	*	*	0.1	0.2
27	-	1.5	3.8	4.4	4.4	::	0.1	*	0.1	0.2	0.2
28	-	3.0	4.2	4.7	4.7	::	0.1	*	0.1	0.3	0.4
29	-	4.9	4.9	5.1	5.1	::	0.3	0.1	0.2	0.5	0.6
30	-	6.1	5.3	5.4	5.4	::	0.2	0.1	0.3	0.6	0.7
31	-	6.4	5.2	5.3	5.3	::	0.2	0.2	0.7	1.1	1.3
32	-	7.3	5.6	5.5	5.5	::	1.0	0.3	0.9	1.3	1.5
33	-	8.5	5.8	5.6	5.6	::	1.6	0.5	1.5	2.0	2.2
34	-	9.0	6.1	5.8	5.8	::	5.0	1.2	2.5	3.0	3.2
35	-	9.4	6.2	5.8	5.8	::	2.5	2.4	4.3	4.9	4.9
36	-	8.7	6.2	5.8	5.8	::	2.1	4.1	6.1	6.6	6.6
37	-	7.8	6.2	5.8	5.8	::	3.3	6.7	8.2	8.4	8.4
38	-	6.9	5.9	5.5	5.5	::	4.0	9.9	10.9	10.7	10.7
39	-	5.7	5.4	5.1	5.0	::	6.3	12.9	12.7	12.2	12.1
40	-	4.0	4.7	4.4	4.3	::	8.3	11.9	11.0	10.4	10.2
41	-	2.9	4.0	3.6	3.6	::	12.3	13.7	11.8	11.1	10.8
42	-	2.1	3.2	2.8	2.8	::	14.7	9.5	8.0	7.4	7.3
43	-	1.6	2.4	2.1	2.0	::	14.8	8.9	7.0	6.5	6.3
44	-	1.1	1.7	1.4	1.4	::	11.2	6.6	5.1	4.7	4.6
45	-	0.7	1.1	0.9	0.9	::	5.2	4.9	3.7	3.5	3.4
46	-	0.4	0.6	0.5	0.5	::	3.4	2.8	2.2	2.0	2.0
47	-	0.1	0.3	0.3	0.3	::	2.4	1.7	1.4	1.2	1.2
48	-	0.1	0.2	0.2	0.2	::	0.7	0.8	0.7	0.6	0.6
49	-	*	0.1	0.1	0.1	::	0.1	0.5	0.4	0.3	0.3
50	-	*	0.1	0.1	*	::	-	0.2	0.1	0.1	0.1
51	-	*	*	*	*	::	-	0.1	0.1	0.1	0.1
52	-	*	*	*	*	::	-	*	*	*	*
53	-	*	*	*	*	::	0.1	*	*	*	*
54	-	*	*	*	*	::	-	*	*	*	*
55	-	*	*	*	*	::	-	*	*	*	*
56	-	*	*	*	*	::	-	*	*	*	*
57	-	*	*	*	*	::	-	-	*	*	*
58	-	-	-	-	-	::	-	*	*	*	*
59	-	-	-	-	-	::	-	*	*	*	*
60 & above	-	-	-	-	-	::	-	*	*	*	*
Average mike	-	35	34	33	33	::	41	41	40	39	39
FIBER STRENGTH 2/											
17 & below	-	0.1	0.2	0.3	0.3	::	-	-	-	-	-
18	-	0.1	0.3	0.3	0.4	::	-	-	-	-	-
19	-	0.2	0.8	0.9	1.0	::	-	-	-	-	-
20	-	0.5	2.1	2.7	2.9	::	-	-	-	-	-
21	-	1.1	4.9	6.3	6.4	::	-	-	0.1	0.1	0.1
22	-	3.4	9.9	11.5	11.6	::	-	0.6	0.8	1.0	1.0
23	-	7.3	15.3	16.9	16.9	::	-	2.7	2.2	2.4	2.3
24	-	12.4	19.3	19.4	19.3	::	-	8.5	7.9	8.6	8.5
25	-	12.8	16.6	15.9	15.8	::	-	13.0	12.7	13.1	13.0
26	-	10.6	11.1	10.2	10.1	::	-	18.2	18.2	18.5	18.7
27	-	9.4	6.5	5.7	5.6	::	-	20.6	18.9	18.3	18.4
28	-	12.2	4.8	3.8	3.7	::	-	15.3	17.3	17.2	17.2
29	-	12.2	3.6	2.8	2.8	::	-	10.5	10.1	10.1	9.9
30	-	9.0	2.4	1.8	1.8	::	-	5.8	7.2	6.7	6.8
31	-	5.4	1.3	1.0	1.0	::	-	2.9	2.8	2.5	2.4
32	-	2.3	0.6	0.4	0.4	::	-	1.3	1.4	1.2	1.2
33	-	0.8	0.2	0.1	0.1	::	-	0.3	0.4	0.4	0.4
34	-	0.3	0.1	0.1	0.1	::	-	0.2	0.1	0.1	0.1
35	-	0.1	*	*	*	::	-	0.1	0.1	*	*
36 & above	-	*	*	*	*	::	-	-	-	-	-
Average strength	-	26.7	24.6	24.3	24.2	::	-	26.9	27.0	26.9	26.9

1/ Includes Kansas. 2/ Fiber strength expressed in terms of 1/8" gage (grams per tex).
 * Less than 0.05 percent.

Table 10. -- Continued

TENNESSEE

TEXAS

Mike and Strength	Period through				Crop	Period through				Crop
	Sept. 28	Nov. 2	Nov. 30	Dec. 28		Sept. 28	Nov. 2	Nov. 30	Dec. 28	
MIKE 24 & below	-	-	*	*	*	*	0.2	1.2	2.1	2.2
25	-	-	*	*	*	*	0.3	1.5	2.1	2.2
26	-	-	*	*	*	*	0.5	2.1	2.9	3.0
27	-	-	*	*	*	0.1	0.8	2.8	3.8	3.8
28	-	-	*	*	*	0.2	1.1	3.4	4.4	4.4
29	*	*	*	0.1	0.1	0.3	1.3	3.8	4.7	4.8
30	*	*	0.1	0.1	0.1	0.4	1.6	3.9	4.7	4.8
31	0.1	*	0.1	0.1	0.1	0.6	1.9	4.4	5.1	5.1
32	*	*	0.1	0.2	0.2	0.8	2.2	4.4	5.0	5.0
33	*	*	0.1	0.1	0.2	1.1	2.5	4.7	5.2	5.2
34	0.2	*	0.1	0.1	0.2	1.4	2.9	4.8	5.1	5.2
35	0.5	0.1	0.3	0.4	0.4	1.9	3.5	5.0	5.2	5.2
36	0.7	0.2	0.4	0.5	0.5	2.5	4.2	5.2	5.3	5.3
37	0.9	0.3	0.5	0.6	0.6	3.3	4.9	5.4	5.2	5.2
38	2.0	0.7	0.9	1.0	1.0	4.1	5.6	5.6	5.2	5.2
39	2.2	0.9	1.1	1.2	1.2	5.0	6.1	5.5	5.0	4.9
40	4.9	1.5	1.7	1.8	1.8	5.8	6.4	5.3	4.6	4.6
41	6.3	2.2	2.2	2.4	2.4	6.7	6.7	5.0	4.2	4.2
42	12.0	4.1	3.8	3.9	3.9	7.2	6.6	4.5	3.8	3.7
43	11.7	4.8	4.5	4.5	4.5	7.8	6.5	4.1	3.3	3.2
44	16.1	7.9	6.8	6.8	6.8	8.1	6.2	3.6	2.8	2.8
45	13.0	8.1	7.3	7.3	7.3	8.0	5.8	3.1	2.4	2.3
46	12.9	11.6	10.1	10.0	10.0	7.6	5.2	2.7	2.0	2.0
47	7.1	9.7	9.5	9.4	9.4	6.8	4.5	2.2	1.6	1.6
48	5.8	14.0	12.8	12.6	12.6	5.9	3.7	1.8	1.3	1.3
49	2.3	10.6	11.0	10.9	10.8	4.6	2.9	1.4	1.0	1.0
50	0.7	9.2	9.1	8.9	8.9	3.4	2.1	1.0	0.7	0.7
51	0.4	5.0	6.1	5.9	5.9	2.4	1.4	0.7	0.5	0.5
52	0.2	6.1	6.5	6.4	6.3	1.6	1.0	0.5	0.3	0.3
53	0.1	1.6	2.5	2.5	2.5	1.1	0.6	0.3	0.2	0.2
54	0.1	1.4	1.9	1.8	1.8	0.7	0.4	0.2	0.1	0.1
55	-	0.1	0.3	0.3	0.3	0.4	0.3	0.1	0.1	0.1
56	-	*	0.1	0.1	0.1	0.3	0.2	0.1	0.1	0.1
57	-	*	*	*	*	0.1	0.1	*	*	*
58	-	*	*	*	*	0.1	*	*	*	*
59	-	*	*	*	*	*	*	*	*	*
60 & above	-	-	-	-	-	*	*	*	*	*
Average mike	44	47	47	47	47	43	41	37	36	36
FIBER STRENGTH 1/ 17 & below	-	-	*	*	*	0.2	0.1	0.1	0.1	0.1
18	-	-	-	*	*	0.5	0.4	0.3	0.2	0.2
19	-	-	*	*	*	1.3	1.2	0.8	0.7	0.7
20	3.0	0.1	0.2	0.2	0.2	3.6	3.1	2.1	1.8	1.8
21	1.0	0.1	0.4	0.4	0.4	7.8	6.9	4.8	4.3	4.3
22	1.0	0.6	1.6	1.6	1.6	13.4	12.0	9.7	9.1	9.1
23	3.0	3.1	5.1	5.1	5.1	18.1	16.6	14.8	14.3	14.3
24	13.0	12.7	15.8	15.5	15.5	19.1	17.9	17.4	17.3	17.3
25	27.0	22.3	22.3	22.0	22.0	15.6	15.2	15.5	15.5	15.5
26	25.0	27.6	26.1	26.1	26.0	10.1	10.9	12.4	12.7	12.8
27	12.0	18.0	15.7	15.8	15.8	5.5	7.0	9.3	9.9	10.0
28	11.0	10.7	8.7	8.9	8.9	2.6	4.0	6.5	7.2	7.2
29	3.0	3.0	2.8	2.9	2.9	1.3	2.1	3.4	3.8	3.8
30	-	1.5	1.1	1.2	1.2	0.6	1.2	1.6	1.8	1.8
31	-	0.3	0.2	0.2	0.2	0.3	0.7	0.8	0.8	0.8
32	-	*	*	*	*	0.1	0.4	0.4	0.4	0.4
33	-	-	-	-	-	0.1	0.2	0.2	0.1	0.1
34	1.0	*	0.1	0.1	0.1	*	0.1	0.1	0.1	0.1
35	-	-	-	-	-	*	*	*	*	*
36 & above	-	-	-	-	-	*	*	*	*	*
Average strength	25.6	26.0	25.7	25.7	25.7	23.8	24.2	24.7	24.8	24.8

1/ Fiber strength expressed in terms of 1/8" gage (grams per tex).

* Less than 0.05 percent.

Table 10. -- Continued

		UNITED STATES				
Mike and Strength		Period through				Crop
		September 28	November 2	November 30	December 28	
MIKE	24 & below	*	0.1	0.4	0.7	0.7
	25	*	0.1	0.4	0.7	0.7
	26	*	0.1	0.6	0.9	0.9
	27	0.1	0.2	0.7	1.2	1.2
	28	0.2	0.3	0.9	1.4	1.4
	29	0.2	0.3	1.1	1.5	1.6
	30	0.4	0.5	1.2	1.7	1.7
	31	0.5	0.6	1.4	1.8	1.9
	32	0.7	0.8	1.6	2.0	2.0
	33	1.0	1.0	1.7	2.1	2.1
	34	1.3	1.4	2.1	2.4	2.5
	35	1.8	1.9	2.5	2.8	2.8
	36	2.6	2.8	3.3	3.5	3.5
	37	3.5	3.5	3.8	3.9	3.9
	38	4.7	4.9	5.1	5.0	5.0
	39	5.7	5.8	5.7	5.6	5.5
	40	6.8	7.4	7.0	6.7	6.7
	41	7.4	8.0	7.4	7.0	7.0
	42	8.0	9.2	8.4	7.9	7.9
	43	8.1	8.6	7.8	7.3	7.3
	44	8.3	9.4	8.3	7.7	7.6
	45	7.6	7.6	6.6	6.1	6.0
	46	7.1	7.3	6.2	5.7	5.6
	47	6.1	5.2	4.3	3.9	3.9
	48	5.2	4.7	3.9	3.5	3.5
	49	4.0	3.3	2.9	2.6	2.6
	50	2.9	2.2	1.9	1.7	1.7
	51	2.1	1.3	1.2	1.1	1.1
	52	1.4	1.1	1.0	0.9	0.8
	53	0.9	0.5	0.5	0.4	0.4
	54	0.6	0.3	0.3	0.3	0.3
	55	0.4	0.1	0.1	0.1	0.1
	56	0.2	0.1	*	*	*
	57	0.1	*	*	*	*
	58	0.1	*	*	*	*
	59	*	*	*	*	*
	60 & above	*	*	*	*	*
Average mike		43	42	41	41	40
FIBER STRENGTH 1/						
	17 & below	0.1	0.1	0.1	0.1	0.1
	18	0.4	0.1	0.1	0.1	0.1
	19	1.1	0.2	0.2	0.2	0.2
	20	2.9	0.6	0.5	0.6	0.6
	21	6.4	1.5	1.3	1.4	1.4
	22	11.6	3.1	2.9	3.2	3.2
	23	15.9	5.3	5.3	5.8	5.9
	24	18.6	9.9	10.0	10.3	10.4
	25	16.8	13.0	12.7	12.7	12.7
	26	12.3	15.9	15.8	15.3	15.1
	27	6.6	13.0	13.2	12.8	12.6
	28	3.5	11.8	12.1	11.8	11.6
	29	1.7	8.2	8.5	8.3	8.2
	30	1.1	6.8	7.0	6.9	6.9
	31	0.5	4.4	4.3	4.2	4.3
	32	0.4	3.3	3.1	3.1	3.2
	33	0.1	1.6	1.5	1.7	1.8
	34	0.1	0.9	0.8	1.0	1.0
	35	*	0.3	0.3	0.5	0.5
	36 & above	*	0.3	0.3	0.4	0.4
Average strength		24.2	26.8	26.8	26.8	26.8

1/ Fiber strength expressed in terms of 1/8" gage (grams per tex).

* Less than 0.05 percent.

Table 11. -- Percentage distribution of mike and fiber strength for upland cotton classed, by classing offices, 1989 crop

		ABILENE		ALTUS		BAKERSFIELD		BIRMINGHAM		CORPUS CHRISTI
Mike and Strength :		Texas	Oklahoma	Texas	Classing Office	California	Alabama 2/	Texas		
:		:	:	:	Total 1/	:	:	:		
MIKE	24 & below	0.4	6.5	4.1	5.5	*	*	*		
	25	0.4	3.7	3.6	3.6	*	*	*		
	26	0.5	4.1	4.4	4.2	*	0.1	*		
	27	1.0	4.4	5.1	4.8	0.1	0.1	*		
	28	1.4	4.7	6.1	5.4	0.1	0.2	*		
	29	1.9	5.1	6.8	5.9	0.1	0.3	*		
	30	2.7	5.4	6.8	6.1	0.3	0.5	0.1		
	31	3.4	5.3	6.8	6.0	0.3	0.6	0.2		
	32	4.2	5.5	6.8	6.1	0.4	1.2	0.3		
	33	5.3	5.6	6.6	6.1	0.4	1.6	0.6		
	34	6.4	5.8	6.4	6.1	0.6	2.2	0.9		
	35	7.6	5.8	6.4	6.1	0.7	3.0	1.4		
	36	8.4	5.7	6.0	5.9	1.4	3.8	2.0		
	37	9.0	5.8	5.6	5.7	1.8	4.7	2.7		
	38	9.2	5.5	4.7	5.1	3.5	5.7	3.4		
	39	8.7	5.0	3.9	4.5	4.2	6.3	4.1		
	40	7.9	4.3	3.1	3.8	7.3	6.9	4.7		
	41	6.6	3.6	2.4	3.0	8.2	7.0	5.3		
	42	5.2	2.8	1.7	2.2	12.4	7.4	5.8		
	43	3.9	2.0	1.1	1.6	11.2	7.2	6.5		
	44	2.6	1.4	0.6	1.0	14.0	7.0	7.1		
	45	1.6	0.9	0.4	0.6	10.0	6.6	7.5		
	46	0.9	0.5	0.2	0.4	10.3	6.2	7.8		
	47	0.5	0.3	0.2	0.2	5.7	5.4	7.6		
	48	0.2	0.1	0.1	0.1	4.3	4.6	7.0		
	49	0.1	0.1	0.1	0.1	2.5	3.7	5.8		
	50	*	*	*	*	0.1	2.8	4.9		
	51	*	*	*	*	*	1.9	4.0		
	52	*	*	*	*	*	1.3	3.2		
	53	-	*	*	*	*	0.7	2.5		
	54	*	*	*	*	*	0.4	1.9		
	55	-	*	*	*	*	0.2	1.3		
	56	-	*	*	*	-	*	0.7		
	57	-	*	*	*	-	*	0.4		
	58	*	-	-	-	-	*	0.2		
	59	*	-	-	-	-	*	0.1		
	60 & above	*	-	-	-	-	*	*		
Average mike		37	33	33	33	43	42	45		
FIBER STRENGTH 3/										
	17 & below	*	0.3	0.2	0.3	0.1	0.1	0.2		
	18	0.5	0.4	0.3	0.3	*	*	0.7		
	19	1.7	1.0	0.5	0.8	-	*	2.2		
	20	3.9	2.8	1.9	2.4	-	0.2	5.7		
	21	8.0	6.4	5.1	5.8	-	0.5	11.2		
	22	12.7	11.6	11.1	11.4	*	1.7	16.3		
	23	15.9	16.9	18.3	17.5	*	4.5	18.6		
	24	16.1	19.2	21.2	20.2	0.2	9.2	16.8		
	25	13.1	15.8	17.7	16.7	1.0	14.1	12.5		
	26	9.8	10.1	10.4	10.2	4.6	15.9	7.7		
	27	7.8	5.6	5.2	5.4	9.5	14.7	4.2		
	28	5.4	3.7	3.0	3.4	15.5	12.6	2.1		
	29	3.2	2.8	2.2	2.5	15.2	10.4	1.0		
	30	1.4	1.8	1.3	1.5	15.9	7.7	0.4		
	31	0.3	1.0	0.9	0.9	11.9	4.7	0.2		
	32	0.1	0.4	0.4	0.4	10.2	2.2	0.1		
	33	*	0.1	0.2	0.2	7.1	1.1	*		
	34	*	0.1	*	0.1	4.3	0.5	*		
	35	-	*	*	*	2.3	*	*		
	36 & above	-	*	*	*	2.0	*	-		
Average strength		24.1	24.2	24.3	24.3	29.9	26.9	23.4		

1/ Includes Kansas. 2/ Includes Florida. 3/ Fiber strength expressed in terms of 1/8" gage (grams per tex).

* Less than 0.05 percent.

Table 11. -- Continued

EL CENTRO					EL PASO				
Mike and Strength	Arizona	California	Classing Office Total	Arizona	New Mexico	Texas	Classing Office Total		
MIKE 24 & below	0.1	0.1	0.1	0.2	0.3	0.7	0.4		
25	0.1	0.2	0.1	0.3	0.4	1.5	0.4		
26	0.3	0.3	0.3	0.5	0.9	2.5	0.9		
27	0.4	0.4	0.4	0.6	1.6	3.6	1.5		
28	0.6	0.7	0.7	0.8	3.2	5.9	2.7		
29	0.7	0.8	0.8	1.5	4.0	7.2	3.5		
30	0.8	0.8	0.8	2.1	5.1	7.1	4.3		
31	0.8	1.0	0.9	2.8	5.8	8.0	5.0		
32	0.8	0.9	0.9	3.3	6.7	7.2	5.7		
33	1.0	0.9	1.0	3.7	7.1	7.3	6.1		
34	1.1	0.9	1.0	4.7	8.2	7.5	7.1		
35	1.1	0.9	1.0	5.2	8.1	7.2	7.1		
36	1.3	0.9	1.1	6.8	8.9	8.0	8.2		
37	1.6	1.2	1.3	6.9	7.4	7.7	7.2		
38	2.3	1.4	1.7	8.3	7.5	6.2	7.6		
39	3.2	1.9	2.4	7.2	6.4	4.5	6.5		
40	5.7	2.4	3.5	8.9	6.6	3.0	7.0		
41	7.9	3.4	4.8	7.3	5.1	2.0	5.5		
42	9.7	4.2	6.0	8.7	3.4	1.3	4.9		
43	10.8	5.5	7.2	5.7	1.9	0.7	3.0		
44	10.6	6.7	8.0	6.1	0.9	0.3	2.5		
45	9.5	6.7	8.9	3.3	0.3	0.2	1.2		
46	8.2	9.4	9.0	3.0	0.1	0.1	1.0		
47	6.5	10.1	8.9	1.1	0.1	*	0.4		
48	5.2	10.1	8.5	0.6	*	-	0.2		
49	3.7	9.4	7.5	0.2	*	-	0.1		
50	2.7	7.2	5.7	0.1	*	-	*		
51	1.8	5.0	3.9	*	*	-	*		
52	1.2	3.0	2.4	*	*	-	*		
53	0.3	1.3	1.0	*	-	-	*		
54	0.1	0.5	0.4	-	-	-	-		
55	*	*	*	-	-	*	*		
56	-	-	-	-	-	-	-		
57	-	-	-	-	-	-	-		
58	-	-	-	-	-	-	-		
59	-	-	-	-	-	-	-		
60 & above	-	-	-	-	-	-	-		
Average mike	43	45	44	38	35	33	36		
FIBER STRENGTH 1/									
17 & below	0.2	-	0.1	*	*	-	*		
18	0.7	0.1	0.3	*	-	*	*		
19	0.5	0.5	0.5	*	*	0.1	*		
20	3.7	0.7	1.7	0.2	0.1	0.4	0.1		
21	6.3	2.2	3.4	0.8	0.2	1.2	0.5		
22	12.8	4.4	7.1	1.6	0.6	4.1	1.3		
23	11.2	7.7	8.8	3.0	1.3	6.3	2.3		
24	17.0	14.7	15.4	4.3	2.3	10.7	3.8		
25	13.0	11.9	12.3	7.1	4.0	16.7	6.3		
26	13.9	15.5	15.0	10.0	6.3	21.7	9.1		
27	8.1	12.3	10.9	14.8	9.5	19.4	11.9		
28	6.5	13.0	11.0	18.6	13.5	11.9	14.4		
29	2.8	6.3	5.2	18.2	16.9	5.5	15.7		
30	2.1	5.9	4.7	12.3	17.5	1.7	14.4		
31	1.1	3.3	2.6	5.7	13.6	0.3	10.2		
32	-	1.4	0.9	2.2	8.3	*	5.9		
33	-	0.2	0.1	0.8	3.7	*	2.6		
34	-	0.1	0.1	0.2	1.4	*	0.9		
35	-	0.1	0.1	0.1	0.4	-	0.3		
36 & above	-	-	-	*	0.2	*	0.2		
Average strength	24.5	26.1	25.6	27.7	29.0	25.9	28.3		

1/ Fiber strength expressed in term of 1/8" gage (grams per tex).

* Less than 0.05 percent.

Table 11. -- Continued

		FLORENCE			FRESNO		GREENWOOD		HARLINGEN
Grade and Staple		North	South	Classing	California	Mississippi	Texas		
		Carolina	Carolina	Office					
				Total					
MIKE	24 & below	0.1	0.1	0.1	*	0.3	*		
	25	0.1	0.1	0.1	*	0.2	*		
	26	0.1	0.2	0.2	*	0.3	*		
	27	0.2	0.2	0.2	0.1	0.4	*		
	28	0.3	0.4	0.3	0.1	0.6	0.1		
	29	0.5	0.6	0.5	0.1	0.6	0.1		
	30	0.6	0.7	0.7	0.1	1.0	0.2		
	31	1.0	1.3	1.1	0.2	1.0	0.2		
	32	1.2	1.5	1.3	0.3	1.5	0.2		
	33	1.9	2.2	2.1	0.4	1.7	0.3		
	34	2.7	3.2	2.9	0.5	2.8	0.4		
	35	5.1	4.9	5.0	1.0	3.2	0.7		
	36	7.0	6.6	6.8	1.8	5.1	1.1		
	37	9.2	8.4	8.8	2.6	5.6	1.8		
	38	10.9	10.7	10.8	4.2	7.5	2.5		
	39	12.6	12.1	12.3	6.1	7.8	3.4		
	40	10.1	10.2	10.2	8.7	9.5	4.3		
	41	11.7	10.8	11.2	10.3	9.0	5.4		
	42	7.5	7.3	7.4	12.8	9.3	6.5		
	43	6.6	6.3	6.4	12.1	7.9	7.7		
	44	3.8	4.6	4.2	12.5	7.5	8.8		
	45	3.2	3.4	3.3	9.4	5.3	9.6		
	46	1.5	2.0	1.8	7.3	4.5	10.0		
	47	1.0	1.2	1.1	4.2	2.7	9.7		
	48	0.5	0.6	0.6	2.8	2.2	8.5		
	49	0.4	0.3	0.4	1.6	1.4	7.0		
	50	0.1	0.1	0.1	0.6	0.8	5.0		
	51	0.1	0.1	0.1	0.2	0.3	3.2		
	52	*	*	*	0.1	0.1	1.8		
	53	*	*	*	*	*	0.9		
	54	*	*	*	*	*	0.4		
	55	*	*	*	*	*	0.2		
	56	*	*	*	*	*	0.1		
	57	*	*	*	*	*	*		
	58	*	*	*	*	*	*		
	59	-	*	*	*	-	*		
	60 & above	*	*	*	*	-	*		
Average mike		39	39	39	42	40	45		
FIBER STRENGTH 1/									
	17 & below	-	-	-	*	*	0.2		
	18	-	-	-	-	*	0.6		
	19	-	-	-	-	*	1.6		
	20	0.3	-	0.1	-	*	4.1		
	21	0.8	0.1	0.4	*	0.1	8.2		
	22	4.3	1.0	2.5	-	0.8	13.1		
	23	9.2	2.3	5.7	*	2.9	16.4		
	24	19.2	8.5	13.6	0.1	10.3	16.8		
	25	18.8	13.0	15.8	0.5	17.6	14.5		
	26	20.2	18.7	19.4	2.1	24.8	10.8		
	27	12.3	18.4	15.5	5.6	18.4	6.7		
	28	8.7	17.2	13.1	13.0	13.9	3.6		
	29	3.0	9.9	6.6	17.0	6.5	1.9		
	30	1.9	6.8	4.4	20.3	3.3	0.9		
	31	1.0	2.4	1.7	14.6	1.0	0.4		
	32	0.3	1.2	0.8	12.2	0.4	0.2		
	33	*	0.4	0.2	6.8	0.1	0.1		
	34	0.1	0.1	0.1	4.1	*	*		
	35	*	*	*	2.0	*	*		
	36 & above	-	-	-	1.5	*	*		
Average strength		25.5	26.9	26.2	30.2	26.4	24.0		

1/ Fiber strength expressed in terms of 1/8" gage (grams per tex).

* Less than 0.05 percent.

Table 11. — Continued

		HAYTI			LANESA		
Mike and Strength	Arkansas	Missouri	Classing Office Total	New Mexico	Texas	Classing Office Total	
NIKE 24 & below	*	*	*	3.2	1.4	1.4	
25	*	*	*	3.7	2.0	2.0	
26	*	*	*	3.8	3.0	3.0	
27	*	*	*	6.1	4.1	4.1	
28	0.1	0.1	0.1	8.2	5.1	5.1	
29	0.1	0.1	0.1	10.2	5.7	5.8	
30	0.2	0.2	0.2	10.3	6.5	6.5	
31	0.2	0.2	0.2	9.9	6.9	6.9	
32	0.4	0.3	0.3	9.7	7.2	7.2	
33	0.4	0.3	0.4	8.6	7.2	7.2	
34	0.6	0.4	0.5	5.9	7.0	7.0	
35	0.9	0.7	0.8	5.2	6.5	6.5	
36	1.5	1.2	1.4	5.1	6.2	6.1	
37	1.6	1.3	1.5	3.8	5.7	5.7	
38	3.3	2.5	2.9	2.2	5.1	5.1	
39	3.9	3.0	3.5	1.2	4.4	4.4	
40	6.9	5.0	6.0	0.8	3.8	3.8	
41	7.3	5.5	6.5	0.5	3.2	3.2	
42	10.6	8.4	9.5	0.5	2.8	2.7	
43	9.3	7.9	8.6	0.5	2.2	2.2	
44	12.3	11.8	12.0	0.2	1.6	1.6	
45	8.6	9.1	8.9	0.3	1.1	1.1	
46	9.9	11.1	10.5	0.1	0.8	0.8	
47	5.9	7.4	6.6	*	0.3	0.3	
48	6.1	8.2	7.1	*	0.1	0.1	
49	4.3	6.1	5.2	-	0.1	0.1	
50	2.3	3.6	2.9	*	*	*	
51	1.3	2.3	1.8	*	*	*	
52	1.1	1.7	1.4	-	*	*	
53	0.5	0.8	0.6	*	*	*	
54	0.3	0.5	0.4	*	*	*	
55	0.1	0.2	0.2	-	*	*	
56	0.1	0.1	0.1	*	*	*	
57	*	0.1	*	*	*	*	
58	*	*	*	-	-	-	
59	*	*	*	-	-	-	
60 & above	-	-	-	-	-	-	
Average mike	44	44	44	31	34	34	
FIBER STRENGTH 1/ 17 & below	*	*	*	*	0.1	0.1	
18	*	*	*	0.2	0.1	0.1	
19	*	*	*	0.3	0.2	0.2	
20	*	*	*	0.5	0.4	0.4	
21	0.2	0.1	0.1	1.6	1.4	1.4	
22	1.2	0.9	1.0	3.7	4.2	4.2	
23	4.6	3.2	3.9	8.2	8.4	8.4	
24	14.9	10.9	12.8	12.9	13.4	13.4	
25	21.5	17.1	19.2	16.4	16.1	16.1	
26	27.1	24.4	25.7	14.4	16.3	16.3	
27	16.8	18.4	17.6	14.3	14.4	14.4	
28	9.5	13.7	11.7	13.0	10.6	10.6	
29	2.9	6.0	4.6	8.5	6.5	6.5	
30	0.9	3.3	2.1	4.3	3.9	3.9	
31	0.2	1.2	0.7	1.4	2.3	2.3	
32	0.1	0.5	0.3	0.1	1.1	1.1	
33	*	0.2	0.1	0.1	0.5	0.5	
34	*	0.1	*	*	0.2	0.2	
35	-	*	*	*	0.1	0.1	
36 & above	-	*	*	*	0.1	0.1	
Average strength	25.8	26.3	26.1	26.0	26.0	26.0	

1/ Fiber strength expressed in terms of 1/8" gage (grams per tex).

* Less than 0.05 percent.

Table 11. -- Continued

Grade and Staple	LITTLE ROCK			LUBBOCK			MACON	
	Arkansas	New Mexico	Texas	Classing Office Total	Georgia			
MIKE 24 & below	0.5	12.1	4.3	4.3	0.1			
25	0.3	8.3	4.1	4.1	0.1			
26	0.5	11.3	5.6	5.6	0.1			
27	0.6	16.1	6.8	6.8	0.1			
28	0.8	16.6	7.6	7.6	0.2			
29	0.8	12.7	7.9	7.9	0.2			
30	1.0	5.9	7.0	7.0	0.5			
31	1.1	3.1	7.3	7.3	0.6			
32	1.3	2.4	6.5	6.5	0.8			
33	1.3	1.4	6.3	6.3	1.0			
34	1.7	1.7	5.7	5.7	1.5			
35	2.0	1.6	5.4	5.4	2.1			
36	3.0	1.5	5.0	5.0	2.9			
37	3.4	2.1	4.3	4.3	4.0			
38	4.8	1.4	4.0	4.0	5.4			
39	5.6	1.3	3.5	3.4	7.1			
40	7.1	0.1	2.7	2.7	9.1			
41	8.0	0.3	2.1	2.1	10.9			
42	9.0	0.1	1.5	1.5	11.6			
43	8.4	-	1.0	1.0	11.4			
44	8.7	-	0.6	0.6	9.9			
45	7.1	-	0.3	0.3	8.0			
46	6.4	0.1	0.2	0.2	5.6			
47	4.6	-	0.1	0.1	3.4			
48	3.8	-	*	*	1.9			
49	2.9	-	*	*	1.0			
50	1.9	-	*	*	0.5			
51	1.3	-	*	*	0.1			
52	0.9	-	*	*	0.1			
53	0.5	-	*	*	*			
54	0.3	-	*	*	*			
55	0.2	-	*	*	*			
56	0.1	-	*	*	*			
57	*	-	-	-	*			
58	*	-	-	-	*			
59	*	-	-	-	*			
60 & above	*	-	-	-	-			
Average mike	42	26	32	32	41			
FIBER STRENGTH 3/								
17 & below	-	-	0.1	0.1	-			
18	*	-	0.1	0.1	-			
19	*	0.1	0.2	0.2	*			
20	*	1.0	0.8	0.8	0.1			
21	0.1	2.7	2.3	2.3	0.2			
22	0.8	9.6	6.9	6.9	1.1			
23	2.5	15.5	13.0	13.0	3.4			
24	7.9	21.3	17.5	17.5	7.3			
25	13.3	20.6	15.5	15.5	11.8			
26	21.6	12.1	14.2	14.2	15.5			
27	18.5	7.9	12.2	12.2	17.3			
28	16.6	6.1	9.9	9.9	16.6			
29	8.7	2.1	4.7	4.7	13.2			
30	5.3	0.8	1.8	1.8	8.1			
31	2.2	0.2	0.6	0.6	3.8			
32	1.6	0.1	0.2	0.2	1.4			
33	0.5	-	*	*	0.3			
34	0.1	-	*	*	*			
35	*	-	*	*	*			
36 & above	*	-	*	*	*			
Average strength	26.8	24.6	25.2	25.2	27.1			

1/ Fiber strength expressed in terms of 1/8" gage (grams per tex).

* Less than 0.05 percent.

Table 11. -- Continued

		MEMPHIS				PHOENIX	RAYVILLE	WACO
Mike and Strength	Arkansas	Mississippi	Tennessee	Classing Office Total	Arizona	Louisiana	Texas	
MIKE 24 & below	-	*	*	*	0.2	*	0.1	
25	*	*	*	*	0.2	*	0.1	
26	*	0.1	*	*	0.5	*	0.1	
27	*	0.2	*	0.1	0.7	0.1	0.3	
28	0.1	0.4	*	0.1	0.9	0.1	0.5	
29	0.1	0.4	0.1	0.1	1.0	0.2	0.8	
30	0.3	0.6	0.1	0.2	1.0	0.4	1.2	
31	0.3	0.8	0.1	0.3	1.1	0.6	1.7	
32	0.3	0.9	0.2	0.3	0.9	0.9	2.0	
33	0.3	1.0	0.1	0.4	0.9	1.2	2.6	
34	0.2	1.0	0.1	0.3	0.9	2.0	3.1	
35	0.4	2.3	0.4	0.8	1.0	2.5	3.7	
36	0.6	2.6	0.5	1.0	1.1	4.1	4.6	
37	0.9	2.9	0.6	1.1	1.0	5.2	5.5	
38	1.6	4.3	1.0	1.8	1.3	7.3	6.5	
39	2.5	4.2	1.2	2.0	1.5	8.4	7.5	
40	3.6	5.1	1.8	2.6	2.2	10.1	8.2	
41	5.4	5.9	2.4	3.3	2.9	10.2	8.8	
42	6.9	7.8	3.9	5.0	3.9	10.3	8.6	
43	9.2	7.5	4.5	5.5	4.5	9.1	8.1	
44	11.3	9.2	6.8	7.6	6.2	8.4	7.2	
45	10.3	8.2	7.3	7.7	6.7	6.1	5.9	
46	10.5	8.7	10.0	9.8	8.6	5.1	4.5	
47	9.1	6.9	9.4	8.8	8.2	3.1	3.2	
48	8.7	6.6	12.6	11.1	9.6	2.2	2.3	
49	6.5	4.6	10.8	9.2	8.5	1.3	1.4	
50	4.8	3.0	8.9	7.3	8.1	0.7	0.8	
51	3.2	1.9	5.9	4.9	6.0	0.3	0.4	
52	1.8	1.5	6.3	5.0	4.9	0.1	0.2	
53	0.8	0.6	2.5	2.0	2.8	*	0.1	
54	0.3	0.4	1.8	1.4	1.8	*	*	
55	0.1	0.1	0.3	0.3	0.6	*	*	
56	0.1	*	0.1	0.1	0.2	*	*	
57	*	*	*	*	*	*	*	
58	*	*	*	*	*	*	*	
59	-	-	*	*	*	*	-	
60 & above	-	-	-	-	-	*	-	
Average mike	45	43	47	46	45	41	40	
FIBER STRENGTH 3/								
17 & below	-	*	*	*	-	*	0.1	
18	-	-	*	*	*	-	0.1	
19	-	0.1	*	*	0.1	*	0.4	
20	-	*	0.2	0.2	0.3	*	1.7	
21	0.2	0.2	0.4	0.4	0.8	0.2	5.3	
22	0.9	1.0	1.6	1.4	2.7	1.1	12.5	
23	0.7	2.9	5.1	4.3	5.0	3.7	20.0	
24	6.2	10.9	15.5	13.9	11.2	11.3	22.4	
25	17.1	17.7	22.0	20.8	13.9	15.7	17.7	
26	28.5	25.6	26.0	26.1	16.4	19.2	10.5	
27	23.8	18.0	15.8	16.9	14.3	13.4	5.2	
28	14.4	13.0	8.9	10.2	14.6	9.9	2.3	
29	4.1	6.4	2.9	3.8	9.4	6.3	1.0	
30	2.7	2.9	1.2	1.7	6.6	6.7	0.4	
31	0.9	0.7	0.2	0.4	2.6	4.8	0.2	
32	0.2	0.2	*	0.1	1.3	3.9	0.1	
33	0.4	*	-	*	0.4	2.0	0.1	
34	-	-	*	*	0.1	1.0	*	
35	-	-	-	-	0.1	0.4	*	
36 & above	-	-	-	-	0.1	0.2	*	
Average strength	26.5	26.2	25.7	25.9	26.5	27.0	24.0	

1/ Fiber strength expressed in terms of 1/8" gage (grams per tex).

* Less than 0.05 percent.

Table 12. -- Percentage distribution of uniformity and trash for upland cotton classed through specified periods, by states and United States, 1989 crop

Uniformity and Trash	ALABAMA 1/					Crop	ARIZONA				
	Period through						Period through				
	Sept. 28	Nov. 2	Nov. 30	Dec. 28			Sept. 28	Nov. 2	Nov. 30	Dec. 28	
UNIFORMITY 2/											
72 & below	-	-	-	-	-	::	-	*	*	0.2	0.3
73	-	-	-	*	*	::	-	-	0.1	0.2	0.2
74	-	-	-	*	*	::	0.6	0.3	0.3	0.8	1.0
75	-	*	*	*	*	::	-	0.1	0.2	0.8	1.1
76	-	*	*	*	*	::	0.6	0.8	1.0	1.9	2.6
77	1.0	0.9	0.7	0.8	0.8	::	2.7	1.2	1.8	2.9	3.2
78	6.3	4.1	3.2	3.3	3.3	::	10.8	5.1	6.9	8.3	9.1
79	23.4	12.5	9.9	10.0	10.1	::	10.8	7.7	8.8	9.5	9.8
80	37.2	24.1	20.8	21.1	21.1	::	25.6	21.3	23.8	23.0	22.5
81	22.4	27.9	27.2	27.5	27.5	::	24.3	19.6	19.8	18.2	17.4
82	8.2	19.6	22.3	22.1	22.1	::	17.7	26.2	23.8	21.3	20.4
83	1.3	8.4	11.3	11.0	10.9	::	5.0	10.4	8.2	7.6	7.3
84	0.4	2.2	3.7	3.5	3.4	::	1.9	6.4	4.4	4.6	4.4
85	*	0.4	0.8	0.7	0.7	::	-	0.8	0.6	0.7	0.6
86	-	*	0.1	0.1	0.1	::	-	0.1	0.2	0.2	0.2
87	-	*	*	*	*	::	-	-	*	*	0.1
88	-	*	*	*	*	::	-	-	-	-	-
89	-	-	-	-	-	::	-	-	-	-	-
90	-	-	-	-	-	::	-	-	-	-	-
91 & above	-	-	-	-	-	::	-	-	-	-	-
Average uniformity	80.1	80.8	81.1	81.0	81.0	::	80.4	81.1	80.8	80.5	80.4
TRASH 3/											
00	-	-	*	*	*	::	-	0.9	1.3	1.1	1.0
01	-	9.0	10.8	10.6	10.5	::	72.3	69.4	65.3	63.8	59.7
02	-	29.7	29.0	29.5	29.4	::	17.2	22.7	24.0	23.5	24.0
03	-	17.0	16.6	16.7	16.7	::	4.0	3.0	3.6	3.8	4.1
04	-	20.7	18.9	19.1	19.3	::	3.4	2.2	2.6	2.8	3.3
05	-	7.5	8.2	7.8	7.8	::	0.6	0.6	1.0	1.2	1.5
06	-	7.7	7.6	7.5	7.5	::	1.5	0.8	0.8	1.4	1.8
07	-	3.2	3.4	3.4	3.4	::	-	0.2	0.3	0.5	0.9
08	-	2.3	2.5	2.3	2.4	::	-	0.2	0.4	0.7	1.2
09	-	0.8	0.8	0.8	0.8	::	-	0.1	0.2	0.3	0.5
10	-	1.1	1.0	1.1	1.1	::	-	-	0.2	0.3	0.7
11	-	0.1	0.2	0.3	0.3	::	-	0.1	0.1	0.2	0.3
12	-	0.4	0.4	0.4	0.4	::	-	-	0.1	0.1	0.2
13	-	0.1	0.1	0.1	0.1	::	-	-	0.1	0.1	0.2
14	-	0.1	0.2	0.2	0.2	::	-	-	*	*	0.2
15	-	0.1	0.1	0.1	0.1	::	-	-	-	*	0.1
16	-	0.1	0.1	*	0.1	::	-	-	-	0.1	0.2
17	-	-	0.1	0.1	0.1	::	-	-	-	-	0.1
18 & above	-	0.1	0.1	0.1	0.1	::	0.9	-	*	0.1	0.3
Average trash	-	0.36	0.36	0.36	0.36	::	0.16	0.14	0.16	0.17	0.20

1/ Includes Florida. 2/ A measure of the relative uniformity of the length of fibers; if all fibers were the same length, uniformity index would equal 100. 3/ A measure of the percent of the sample surface covered by trash particles as determined by a video scanner; 12 indicates that trash particles cover 1.2 percent of the same surface. Trash particles include extraneous matter such as grass, bark, etc. * Less than 0.05 percent.

Table 12. -- Continued

ARKANSAS						CALIFORNIA						
Uniformity and Trash	Period through					Crop	Period through					Crop
	Sept. 28	Nov. 2	Nov. 30	Dec. 28	Sept. 28		Nov. 2	Nov. 30	Dec. 28			
UNIFORMITY 1/												
72 & below	*	*	0.1	0.1	0.1	::	-	-	-	*	*	
73	0.1	*	0.1	0.1	0.1	::	-	-	*	*	*	
74	0.2	0.1	0.2	0.3	0.3	::	-	-	*	*	*	
75	0.2	0.1	0.3	0.4	0.4	::	-	*	*	*	*	
76	0.8	0.5	0.9	1.3	1.3	::	-	0.1	0.1	0.1	0.1	
77	1.8	0.8	1.4	1.6	1.6	::	0.6	0.1	0.1	0.2	0.2	
78	7.3	4.7	5.5	5.9	5.9	::	4.1	0.7	0.8	0.8	0.8	
79	9.4	6.9	7.2	7.3	7.3	::	6.4	1.3	1.4	1.4	1.4	
80	24.8	22.5	21.6	21.4	21.4	::	29.2	7.4	7.8	7.4	7.3	
81	17.6	19.2	17.8	17.5	17.5	::	24.0	12.1	12.4	11.9	11.6	
82	24.3	27.6	26.7	26.3	26.3	::	25.7	30.4	31.0	30.0	29.3	
83	8.3	9.7	9.8	9.6	9.6	::	4.1	22.4	22.1	21.9	21.5	
84	4.4	6.2	6.7	6.6	6.6	::	3.5	19.0	18.1	18.4	18.1	
85	0.6	1.1	1.3	1.2	1.2	::	1.8	4.3	4.1	4.9	5.3	
86	0.2	0.5	0.6	0.6	0.6	::	0.6	1.6	1.5	2.2	3.0	
87	-	0.1	0.1	0.1	0.1	::	-	0.5	0.4	0.6	1.1	
88	-	*	*	*	*	::	-	0.1	0.1	0.2	0.3	
89	-	*	*	*	*	::	-	*	*	*	*	
90	-	*	*	*	*	::	-	*	*	*	*	
91 & above	-	-	-	-	-	::	-	-	-	-	-	
Average uniformity	80.8	81.2	81.1	81.0	81.0	::	81.0	82.5	82.4	82.5	82.6	
TRASH 2/												
00	-	*	*	*	*	::	-	0.9	1.0	1.0	1.0	
01	14.4	11.1	11.3	11.0	11.0	::	83.6	51.2	50.0	50.2	49.1	
02	26.2	27.5	27.8	27.3	27.3	::	12.9	32.2	31.4	30.7	30.6	
03	12.8	15.0	14.1	14.0	14.0	::	1.8	7.7	8.1	8.3	8.6	
04	19.8	18.2	17.3	17.4	17.4	::	-	4.5	5.0	5.0	5.3	
05	8.7	8.3	7.7	7.8	7.8	::	0.6	1.4	1.8	1.8	2.0	
06	8.7	8.5	8.8	9.0	9.0	::	1.2	1.0	1.2	1.3	1.4	
07	2.0	3.4	3.3	3.5	3.5	::	-	0.3	0.4	0.5	0.5	
08	3.0	3.7	4.0	4.1	4.1	::	-	0.3	0.4	0.4	0.5	
09	0.7	1.1	1.4	1.4	1.4	::	-	0.1	0.2	0.2	0.3	
10	1.0	1.5	1.6	1.7	1.7	::	-	0.1	0.2	0.2	0.2	
11	0.7	0.4	0.7	0.8	0.8	::	-	0.1	0.1	0.1	0.1	
12	0.7	0.5	0.8	0.8	0.8	::	-	0.1	0.1	0.1	0.1	
13	-	0.2	0.2	0.2	0.2	::	-	*	*	*	0.1	
14	0.3	0.3	0.4	0.4	0.4	::	-	*	*	*	*	
15	0.7	0.1	0.2	0.1	0.1	::	-	*	*	*	*	
16	0.3	0.1	0.2	0.2	0.2	::	-	*	*	*	*	
17	-	-	0.1	*	*	::	-	*	*	*	*	
18 & above	-	0.2	0.3	0.3	0.3	::	-	-	*	*	*	
Average trash	0.37	0.38	0.39	0.39	0.39	::	0.13	0.18	0.19	0.19	0.19	

1/ A measure of the relative uniformity of the length of fibers; if all fibers were the same length, uniformity index would equal 100. 2/ A measure of the percent of the sample surface covered by trash particles as determined by a video scanner; 12 indicates that trash particles cover 1.2 percent of the sample surface. Trash particles include extraneous matter such as grass, bark, etc. * Less than 0.05 percent.

Table 12. -- Continued

GEORGIA						LOUISIANA						
Uniformity and Trash	Period through					Crop	Period through					Crop
	Sept. 28	Nov. 2	Nov. 30	Dec. 28			Sept. 28	Nov. 2	Nov. 30	Dec. 28		
UNIFORMITY 1/												
72 & below	-	-	-	-	-	::	-	*	*	*	*	
73	-	-	-	-	-	::	-	*	*	*	*	
74	-	-	*	*	*	::	-	0.1	0.1	0.1	0.1	
75	-	0.1	*	*	*	::	-	0.1	0.1	0.1	0.1	
76	-	0.6	0.3	0.3	0.3	::	-	0.6	0.6	0.6	0.6	
77	0.1	2.2	1.2	1.3	1.3	::	0.2	1.2	1.1	1.1	1.1	
78	1.2	7.3	4.3	4.6	4.6	::	2.9	5.9	5.5	5.5	5.5	
79	5.3	16.8	11.3	11.8	11.9	::	3.3	8.3	8.1	8.2	8.2	
80	16.5	24.9	20.5	21.1	21.1	::	26.3	25.4	24.7	24.6	24.6	
81	29.9	23.9	25.0	25.3	25.3	::	21.7	19.7	19.8	19.7	19.7	
82	25.7	15.1	20.5	20.1	20.0	::	30.4	25.5	26.0	25.9	25.9	
83	14.6	6.7	11.3	10.6	10.5	::	9.1	8.0	8.4	8.4	8.4	
84	5.2	2.0	4.3	3.8	3.7	::	5.6	4.3	4.6	4.8	4.8	
85	1.5	0.5	1.1	1.0	0.9	::	0.6	0.5	0.7	0.7	0.7	
86	0.1	0.1	0.2	0.2	0.2	::	-	0.3	0.3	0.3	0.3	
87	-	*	*	*	*	::	-	-	*	*	*	
88	-	-	*	*	*	::	-	-	-	-	-	
89	-	-	*	*	*	::	-	-	-	-	-	
90	-	-	-	-	-	::	-	-	-	-	-	
91 & above	-	-	-	-	-	::	-	-	-	-	-	
Average uniformity	81.5	80.4	81.0	80.9	80.9	::	81.3	80.9	81.0	81.0	81.0	
TRASH 2/												
00	-	-	-	-	-	::	-	*	0.1	*	*	
01	-	5.0	7.0	8.1	7.9	::	15.3	13.2	13.2	14.2	14.2	
02	-	23.3	26.2	27.0	26.8	::	31.7	29.2	29.1	29.5	29.5	
03	-	15.5	17.1	16.5	16.5	::	10.4	13.9	14.0	13.9	13.9	
04	-	21.0	19.6	19.4	19.6	::	15.1	17.1	16.8	16.6	16.6	
05	-	9.0	8.0	8.0	8.2	::	7.4	7.2	7.3	7.1	7.1	
06	-	12.3	9.7	9.1	9.1	::	7.9	7.7	7.8	7.5	7.5	
07	-	3.4	3.2	2.7	2.8	::	3.5	3.4	3.4	3.2	3.2	
08	-	3.7	3.7	3.4	3.4	::	3.1	3.4	3.4	3.3	3.3	
09	-	2.6	1.6	1.6	1.6	::	2.1	1.4	1.4	1.4	1.4	
10	-	1.4	1.5	1.5	1.6	::	1.7	1.4	1.5	1.4	1.4	
11	-	0.9	0.8	0.8	0.7	::	-	0.5	0.5	0.5	0.5	
12	-	1.2	0.7	0.7	0.7	::	0.6	0.6	0.6	0.6	0.6	
13	-	-	0.1	0.3	0.3	::	0.2	0.3	0.2	0.2	0.2	
14	-	0.3	0.3	0.3	0.3	::	0.4	0.3	0.3	0.3	0.3	
15	-	0.1	0.2	0.2	0.2	::	0.2	0.1	0.2	0.1	0.1	
16	-	0.2	0.1	0.1	0.1	::	-	0.1	0.1	0.1	0.1	
17	-	-	-	-	-	::	-	*	0.1	*	*	
18 & above	-	0.3	0.2	0.3	0.3	::	0.4	0.1	0.2	0.2	0.2	
Average trash	-	0.43	0.40	0.39	0.40	::	0.37	0.37	0.37	0.36	0.36	

1/ A measure of the relative uniformity of the length of fibers; if all fibers were the same length, uniformity index would equal 100. 2/ A measure of the percent of the sample surface covered by trash particles as determined by a video scanner; 12 indicates that trash particles cover 1.2 percent of the sample surface. Trash particles include extraneous matter such as grass, bark, etc. * Less than 0.05 percent.

Table 12. -- Continued

MISSISSIPPI						MISSOURI					
Uniformity and Trash	Period through					Crop	Period through				
	Sept. 28	Nov. 2	Nov. 30	Dec. 28	Sept. 28		Nov. 2	Nov. 30	Dec. 28	Cro	
UNIFORMITY 1/											
72 & below	-	*	*	0.1	0.1	::	0.1	*	*	*	*
73	-	*	*	*	*	::	0.2	*	*	*	*
74	-	0.1	0.1	0.2	0.2	::	0.4	0.1	0.1	0.1	0.1
75	-	0.1	0.1	0.2	0.2	::	0.8	0.1	0.1	0.1	0.1
76	-	1.0	1.0	1.2	1.2	::	1.5	0.4	0.4	0.4	0.4
77	-	1.4	1.5	1.7	1.7	::	6.7	0.6	0.6	0.6	0.6
78	17.4	7.3	6.3	6.5	6.5	::	8.3	2.5	2.6	2.6	2.6
79	7.0	8.5	7.7	7.7	7.7	::	23.7	3.7	3.8	3.8	3.8
80	27.9	23.8	21.7	21.4	21.4	::	17.8	13.8	13.7	13.7	13.7
81	18.6	17.7	17.9	17.7	17.7	::	20.7	14.3	14.1	14.1	14.1
82	16.3	24.4	25.2	24.9	24.9	::	8.5	28.8	28.2	28.4	28.3
83	4.7	8.3	9.6	9.6	9.6	::	7.8	15.4	15.5	15.6	15.5
84	8.1	6.3	7.3	7.3	7.3	::	1.9	14.6	15.0	15.0	15.0
85	-	0.7	1.1	1.1	1.1	::	1.2	3.7	3.8	3.8	3.8
86	-	0.3	0.4	0.5	0.5	::	0.2	1.8	1.9	1.6	1.9
87	-	0.1	0.1	0.1	0.1	::	0.1	0.2	0.2	0.2	0.2
88	-	*	*	*	*	::	*	0.1	0.1	0.1	0.1
89	-	-	*	*	*	::	-	-	-	-	-
90	-	-	-	-	-	::	-	-	-	-	-
91 & above	-	-	-	-	-	::	-	*	*	*	*
Average uniformity	80.6	80.9	81.0	81.0	81.0	::	80.0	81.9	82.0	82.0	82.0
TRASH 2/											
00	-	-	*	*	*	::	-	-	*	*	*
01	14.0	6.3	7.9	7.9	7.9	::	11.6	11.4	11.5	11.6	11.6
02	29.1	24.3	24.5	24.5	24.4	::	26.7	30.2	29.5	29.5	29.5
03	15.1	15.1	15.2	14.9	14.8	::	14.0	15.4	15.0	14.9	14.9
04	19.8	20.1	19.2	19.1	19.1	::	18.6	19.4	18.5	18.4	18.4
05	1.2	8.7	8.5	8.4	8.4	::	5.8	7.8	7.5	7.4	7.4
06	16.3	10.8	9.7	9.6	9.7	::	17.4	7.2	7.4	7.4	7.4
07	1.2	4.1	3.9	4.0	4.0	::	2.3	2.4	2.8	2.8	2.8
08	-	4.6	4.5	4.6	4.6	::	1.2	2.6	2.8	2.8	2.8
09	-	1.7	1.9	1.9	1.9	::	-	1.2	1.6	1.6	1.6
10	1.2	1.7	1.8	1.9	1.9	::	1.2	1.3	1.5	1.6	1.6
11	1.2	0.6	0.7	0.8	0.8	::	-	0.4	0.7	0.7	0.7
12	-	0.8	0.9	0.9	1.0	::	-	0.3	0.4	0.4	0.4
13	-	0.3	0.3	0.4	0.4	::	1.2	0.3	0.2	0.2	0.2
14	-	0.4	0.5	0.5	0.5	::	-	0.1	0.3	0.2	0.2
15	1.2	0.1	0.2	0.2	0.2	::	-	*	0.2	0.2	0.2
16	-	0.2	0.2	0.2	0.3	::	-	*	0.1	0.1	0.1
17	-	0.1	0.1	0.1	0.1	::	-	-	-	-	-
18 & above	-	0.2	0.2	0.3	0.3	::	-	0.1	0.1	0.1	0.1
Average trash	0.35	0.42	0.42	0.42	0.42	::	0.37	0.35	0.37	0.37	0.37

1/ A measure of the relative uniformity of the length of fibers; if all fibers were the same length, uniform index would equal 100. 2/ A measure of the percent of the sample surface covered by trash particles as determined by a video scanner; 12 indicates that trash particles cover 1.2 percent of the sample surface. Trash particles include extraneous matter such as grass, bark, etc. * Less than 0.05 percent.

Table 12. -- Continued

NEW MEXICO						NORTH CAROLINA				
Uniformity and Trash	Period through				Crop	Period through				Crop
	Sept. 28	Nov. 2	Nov. 30	Dec. 28		Sept. 28	Nov. 2	Nov. 30	Dec. 28	
UNIFORMITY 1/										
72 & below	-	-	-	-	-	-	-	-	-	-
73	-	-	*	*	*	-	-	-	*	*
74	-	-	*	*	*	-	-	-	*	0.1
75	-	*	0.1	0.2	0.3	-	-	0.1	0.1	0.2
76	-	*	0.5	0.7	0.8	-	0.4	0.3	0.6	0.6
77	0.1	0.4	2.4	3.2	3.3	-	1.3	0.8	1.0	1.0
78	1.2	1.9	5.6	6.8	6.9	-	6.0	3.2	4.4	4.5
79	6.0	5.7	10.9	11.8	11.8	-	7.5	6.9	7.8	7.9
80	14.8	13.7	18.1	18.2	18.1	-	20.0	20.2	22.7	22.7
81	29.6	22.6	22.3	21.5	21.4	-	18.5	19.3	19.7	19.6
82	27.0	27.2	21.2	19.9	19.8	-	31.5	31.0	27.9	27.7
83	16.9	19.9	13.5	12.6	12.5	-	6.9	10.6	9.1	9.2
84	4.0	7.5	4.8	4.4	4.4	-	6.3	6.1	5.4	5.4
85	0.3	1.2	0.9	0.7	0.7	-	0.9	0.9	0.7	0.8
86	0.1	*	+	*	*	-	0.7	0.5	0.4	0.3
87	-	-	*	*	*	-	-	0.1	0.1	0.1
88	-	-	-	-	-	-	-	0.1	*	*
89	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-
91 & above	-	-	-	-	-	-	-	-	-	-
Average uniformity	81.4	81.6	81.0	80.8	80.8	-	81.1	81.3	81.1	81.1
TRASH 2/										
00	-	-	1.0	0.9	0.9	-	-	-	-	-
01	-	30.3	40.9	41.6	41.6	-	6.3	6.0	9.5	9.3
02	-	35.3	33.9	34.1	34.1	-	23.1	23.8	26.1	25.9
03	-	12.0	9.0	8.7	8.7	-	17.2	15.9	15.5	15.6
04	-	9.7	7.9	7.2	7.2	-	20.7	20.2	19.4	19.4
05	-	5.0	2.8	2.7	2.6	-	6.9	8.8	7.6	7.8
06	-	2.3	1.3	1.3	1.3	-	9.7	9.5	8.9	8.9
07	-	1.1	0.6	0.8	0.8	-	3.9	3.8	3.1	3.1
08	-	1.6	1.0	0.9	0.9	-	4.5	4.4	3.8	3.8
09	-	1.2	0.5	0.6	0.5	-	1.7	1.4	1.3	1.4
10	-	0.5	0.3	0.4	0.4	-	2.6	2.3	2.0	1.9
11	-	0.2	0.1	0.1	0.1	-	0.7	1.0	0.7	0.8
12	-	0.2	0.3	0.3	0.3	-	1.5	1.0	0.7	0.8
13	-	0.2	0.1	0.2	0.2	-	0.2	0.5	0.3	0.3
14	-	-	-	-	-	-	0.7	0.7	0.5	0.5
15	-	-	0.1	0.2	0.2	-	-	0.1	0.1	0.1
16	-	-	-	-	-	-	-	0.4	0.3	0.3
17	-	-	-	-	-	-	0.2	0.1	0.1	0.1
18 & above	-	0.5	0.2	0.2	0.2	-	0.2	0.1	0.1	0.1
Average trash	-	0.27	0.22	0.22	0.22	-	0.43	0.43	0.40	0.40

1/ A measure of the relative uniformity of the length of fibers; if all fibers were the same length, uniformity index would equal 100. 2/ A measure of the percent of the sample surface covered by trash particles as determined by a video scanner; 12 indicates that trash particles cover 1.2 percent of the sample surface. Trash particles include extraneous matter such as grass, bark, etc. * Less than 0.05 percent.

Table 12. -- Continued

OKLAHOMA 1/						SOUTH CAROLINA				
Uniformity and Trash	Period through				Crop	Period through				Cro
	Sept. 28	Nov. 2	Nov. 30	Dec. 28		Sept. 28	Nov. 2	Nov. 30	Dec. 28	
UNIFORMITY 2/										
72 & below	-	-	-	-	-	-	-	-	-	-
73	-	-	-	-	-	-	-	-	-	0.1
74	-	*	*	*	*	-	0.2	0.1	0.1	0.2
75	-	0.3	0.2	0.1	0.1	-	0.4	0.2	0.3	0.2
76	-	1.3	1.2	1.0	1.0	-	0.5	0.4	0.8	0.8
77	-	3.9	6.1	5.3	5.2	-	1.5	1.2	1.3	1.5
78	-	8.8	17.8	17.3	17.2	-	6.2	4.9	6.2	6.5
79	-	20.9	31.2	32.4	32.4	-	10.3	8.1	8.8	8.9
80	-	32.3	27.9	29.1	29.2	-	24.7	24.1	24.5	24.3
81	-	22.8	12.0	11.7	11.8	-	19.0	21.6	21.1	21.0
82	-	7.5	2.9	2.7	2.7	-	25.9	26.5	25.0	24.7
83	-	1.8	0.5	0.5	0.5	-	7.0	8.1	7.5	7.4
84	-	0.4	0.1	0.1	0.1	-	3.6	4.4	4.1	4.0
85	-	0.1	*	*	*	-	0.5	0.4	0.4	0.4
86	-	*	*	*	*	-	-	0.1	*	*
87	-	*	*	*	*	-	0.1	0.1	*	*
88	-	-	-	-	-	-	-	-	-	-
89	-	-	-	*	*	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-
91 & above	-	-	-	-	-	-	-	-	-	-
Average uniformity	-	79.9	79.3	79.3	79.3	-	80.8	80.9	80.8	80.8
TRASH 3/										
00	-	-	0.3	0.5	0.5	-	-	0.1	*	*
01	-	60.5	48.1	47.6	47.0	-	7.1	7.2	8.5	8.2
02	-	23.8	28.7	28.5	28.3	-	26.8	26.5	27.0	26.7
03	-	5.8	6.8	7.6	7.7	-	14.7	15.6	16.0	16.0
04	-	6.4	6.8	6.3	6.3	-	17.9	20.1	19.7	19.7
05	-	1.2	2.3	2.1	2.3	-	9.3	9.1	8.6	8.7
06	-	1.2	2.1	2.1	2.3	-	9.5	8.7	8.5	8.6
07	-	-	0.9	1.0	1.1	-	3.5	3.2	3.0	3.3
08	-	0.6	1.9	1.5	1.6	-	3.9	3.5	3.2	3.3
09	-	-	0.4	0.5	0.5	-	1.2	1.2	1.1	1.1
10	-	-	0.7	0.8	0.8	-	2.3	2.0	1.7	1.6
11	-	0.6	0.2	0.3	0.3	-	1.1	0.8	0.7	0.6
12	-	-	0.2	0.2	0.3	-	2.1	1.4	1.2	1.2
13	-	-	0.1	0.2	0.2	-	0.1	0.2	0.2	0.2
14	-	-	0.1	0.2	0.1	-	0.3	0.3	0.3	0.3
15	-	-	-	*	*	-	-	0.1	0.1	0.2
16	-	-	0.1	*	*	-	0.1	0.1	*	0.1
17	-	-	-	0.1	0.1	-	-	-	*	*
18 & above	-	-	0.2	0.5	0.6	-	0.1	0.1	0.1	0.1
Average trash	-	0.18	0.22	0.23	0.23	-	0.42	0.40	0.39	0.39

1/ Includes Kansas. 2/ A measure of the relative uniformity of the length of fibers; if all fibers were the same length, uniformity index would equal 100. 3/ A measure of the percent of the sample surface covered by trash particles as determined by a video scanner; 12 indicates that trash particles cover 1.2 percent of the sample surface. Trash particles include extraneous matter such as grass, bark, etc. * Less than 0.05 percent.

Table 12. -- Continued

TENNESSEE						TEXAS						
Uniformity and Trash	Period through					Crop	Period through					Crop
	Sept. 28	Nov. 2	Nov. 30	Dec. 28	Sept. 28		Nov. 2	Nov. 30	Dec. 28			
UNIFORMITY 1/												
72 & below	-	-	-	*	*	-	*	*	*	*	0.1	
73	-	-	-	*	*	-	*	0.1	0.1	0.1	0.1	
74	-	-	-	*	*	-	0.1	0.3	0.4	0.4	0.4	
75	-	-	-	*	*	*	0.2	0.6	0.8	0.8	0.8	
76	1.0	0.2	0.1	0.2	0.2	0.2	1.1	2.9	3.5	3.5	3.5	
77	1.0	0.2	0.2	0.3	0.3	0.7	3.2	6.3	7.3	7.3	7.3	
78	6.0	1.5	1.2	1.4	1.4	3.2	8.5	14.8	16.4	16.4	16.4	
79	8.0	3.3	2.9	3.0	3.0	10.0	15.8	20.8	21.8	21.6	21.6	
80	21.0	13.8	12.0	12.3	12.3	20.5	21.9	21.8	20.5	21.5	21.5	
81	13.0	16.5	14.8	15.1	15.2	27.7	23.0	16.8	15.6	15.3	15.3	
82	30.0	33.6	32.8	32.4	32.3	22.6	16.3	10.2	9.1	8.8	8.8	
83	12.0	15.4	17.0	16.7	16.7	11.0	7.4	4.1	3.4	3.2	3.2	
84	6.0	12.2	14.6	14.2	14.2	3.4	2.2	1.2	0.9	0.9	0.9	
85	2.0	2.3	3.0	2.9	2.9	0.7	0.4	0.2	0.2	0.2	0.2	
86	-	1.1	1.4	1.4	1.3	0.1	0.1	*	*	*	*	
87	-	*	0.1	0.1	0.1	*	*	*	*	*	*	
88	-	-	0.1	0.1	0.1	-	*	*	*	*	*	
89	-	-	-	-	-	-	*	*	*	*	*	
90	-	-	-	-	-	-	*	*	*	*	*	
91 & above	-	-	-	-	-	-	*	*	*	*	*	
Average uniformity	81.2	81.9	82.1	82.0	82.0	81.0	80.4	79.7	79.5	79.5		
TRASH 2/												
00	-	-	-	-	-	0.8	0.7	0.9	1.0	0.9	0.9	
01	34.0	20.7	17.8	17.4	17.3	31.9	38.4	49.4	52.8	52.7	52.7	
02	36.0	36.2	34.2	33.6	33.5	32.9	31.2	29.5	28.6	29.0	29.0	
03	21.0	14.3	14.5	14.5	14.5	10.6	9.5	7.3	6.7	6.7	6.7	
04	6.0	12.9	14.7	14.9	15.0	10.9	9.2	6.2	5.3	5.3	5.3	
05	1.0	4.7	4.9	5.2	5.2	3.7	3.3	2.1	1.8	1.7	1.7	
06	2.0	4.8	5.7	5.8	5.8	4.0	3.3	2.0	1.6	1.6	1.6	
07	-	2.4	2.7	2.7	2.8	1.4	1.2	0.7	0.6	0.6	0.6	
08	-	1.5	2.1	2.3	2.3	1.6	1.3	0.8	0.7	0.6	0.6	
09	-	0.6	0.9	0.9	0.9	0.5	0.5	0.3	0.3	0.3	0.3	
10	-	0.8	0.9	1.0	1.0	0.6	0.5	0.3	0.3	0.2	0.2	
11	-	0.2	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	
12	-	0.3	0.5	0.5	0.5	0.3	0.3	0.1	0.1	0.1	0.1	
13	-	0.1	0.2	0.2	0.2	0.1	0.1	*	*	*	*	
14	-	0.2	0.2	0.2	0.3	0.2	0.2	0.1	0.1	0.1	0.1	
15	-	0.1	0.1	0.1	0.1	0.1	0.1	*	*	*	*	
16	-	0.1	0.1	0.1	0.1	0.1	0.1	*	*	*	*	
17	-	-	*	*	*	*	*	*	*	*	*	
18 & above	-	*	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	
Average trash	0.21	0.30	0.32	0.33	0.33	0.26	0.24	0.20	0.19	0.19		

1/ A measure of the relative uniformity of the length of fibers; if all fibers were the same length, uniformity index would equal 100. 2/ A measure of the percent of the sample surface covered by trash particles as determined by a video scanner; 12 indicates that trash particles cover 1.2 percent of the sample surface. Trash particles include extraneous matter such as grass, bark, etc. * Less than 0.05 percent.

Table 12. -- Continued

UNITED STATES					
Uniformity and Trash	Period through				Crop
	September 28	November 2	November 30	December 28	
UNIFORMITY 1/					
72 & below	*	*	*	*	0.1
73	*	*	*	0.1	0.1
74	*	0.1	0.1	0.2	0.2
75	0.1	0.1	0.2	0.3	0.4
76	0.2	0.6	1.0	1.4	1.4
77	0.8	1.3	2.1	2.7	2.7
78	3.7	4.9	6.3	7.4	7.4
79	9.6	8.0	9.3	10.3	10.3
80	21.5	18.8	18.3	18.1	18.3
81	26.3	18.3	17.0	16.5	16.3
82	23.0	25.0	23.5	21.8	21.5
83	10.4	12.1	11.6	10.8	10.7
84	3.7	8.4	8.2	7.7	7.6
85	0.7	1.7	1.7	1.7	1.8
86	0.1	0.6	0.6	0.7	0.9
87	*	0.1	0.1	0.2	0.3
88	*	*	*	0.1	0.1
89	*	*	*	*	*
90	*	*	*	*	*
91 & above	*	*	*	*	*
Average uniformity	81.0	81.3	81.1	81.0	81.0
TRASH 2/					
00	0.6	0.4	0.5	0.5	0.5
01	30.8	28.0	31.1	33.5	33.2
02	31.8	29.4	28.7	28.4	28.4
03	10.6	11.7	11.1	10.6	10.7
04	11.5	12.7	11.6	11.0	11.0
05	4.1	5.1	4.8	4.5	4.5
06	4.8	5.5	5.0	4.7	4.7
07	1.6	2.1	2.0	1.9	1.9
08	1.7	2.2	2.1	2.0	2.0
09	0.7	0.9	0.9	0.8	0.8
10	0.7	0.9	0.9	0.9	0.9
11	0.2	0.3	0.4	0.4	0.4
12	0.3	0.4	0.4	0.4	0.4
13	0.1	0.1	0.1	0.2	0.2
14	0.2	0.2	0.2	0.2	0.2
15	0.1	0.1	0.1	0.1	0.1
16	0.1	0.1	0.1	0.1	0.1
17	*	*	*	*	*
18 & above	0.2	0.1	0.1	0.1	0.1
Average trash	0.28	0.30	0.29	0.28	0.28

1/ A measure of the relative uniformity of the length of fibers; if all fibers were the same length, uniformity index would equal 100. 2/ A measure of the percent of the sample surface covered by trash particles as determined by a video scanner; 12 indicates that trash particles cover 1.2 percent of the sample surface. Trash particles include extraneous matter such as grass, bark, etc. * Less than 0.05 percent.

Table 13. -- Percentage distribution of uniformity and trash for upland cotton classed, by classing offices, 1989 crop

	ABILENE		ALTUS		BAKERSFIELD		BIRMINGHAM		CORPUS CHRISTI
Uniformity and Trash	: Texas	:: Oklahoma	: Texas	: Texas	: Classing Office Total 1/	:: California	:: Alabama 2/	:: Texas	
UNIFORMITY 3/		::				::	::	::	
72 & below	-	::	-	-	-	::	-	::	
73	-	::	-	-	-	::	*	::	
74	-	::	*	-	*	::	*	::	
75	*	::	0.1	0.1	0.1	::	*	::	
76	0.9	::	1.0	0.5	0.7	::	*	::	
77	6.8	::	5.2	3.6	4.4	::	0.8	::	
78	23.8	::	17.2	15.9	16.6	::	3.3	::	
79	35.0	::	32.3	34.0	33.2	::	10.1	::	
80	23.3	::	29.2	30.1	29.6	::	21.1	::	
81	8.2	::	11.8	11.9	11.9	::	27.5	::	
82	1.7	::	2.7	3.2	2.9	::	22.1	::	
83	0.2	::	0.5	0.6	0.5	::	10.9	::	
84	*	::	0.1	0.1	0.1	::	3.4	::	
85	*	::	*	*	*	::	0.7	::	
86	*	::	*	-	*	::	0.1	::	
87	-	::	*	-	*	::	*	::	
88	-	::	-	-	-	::	*	::	
89	-	::	*	-	*	::	-	::	
90	-	::	-	-	-	::	-	::	
91 & above	-	::	-	-	-	::	-	::	
Average uniformity	79.1	::	79.3	79.4	79.4	::	82.7	::	
TRASH 4/		::				::		::	
00	0.8	::	0.5	1.0	0.8	::	*	::	
01	58.7	::	47.0	56.3	51.5	::	10.5	::	
02	27.7	::	28.3	29.7	29.0	::	29.4	::	
03	5.5	::	7.7	6.0	6.9	::	16.7	::	
04	4.1	::	6.3	3.9	5.1	::	19.3	::	
05	1.4	::	2.3	1.1	1.7	::	7.8	::	
06	0.8	::	2.3	0.7	1.5	::	7.5	::	
07	0.4	::	1.0	0.5	0.8	::	3.4	::	
08	0.3	::	1.6	0.4	1.0	::	2.4	::	
09	0.1	::	0.5	0.3	0.4	::	0.8	::	
10	0.1	::	0.8	0.1	0.5	::	1.1	::	
11	0.1	::	0.3	0.1	0.2	::	0.3	::	
12	*	::	0.3	-	0.1	::	0.4	::	
13	-	::	0.2	-	0.1	::	0.1	::	
14	*	::	0.1	*	0.1	::	0.2	::	
15	-	::	*	-	*	::	0.1	::	
16	*	::	*	-	*	::	0.1	::	
17	-	::	0.1	-	*	::	0.1	::	
18 & above	*	::	0.6	-	0.3	::	0.1	::	
Average trash	0.17	::	0.23	0.17	0.21	::	0.36	::	

1/ Includes Kansas. 2/ Includes Florida. 3/ A measure of the relative uniformity of the length of fibers; if all fibers were the same length, uniformity index would equal 100. 4/ A measure of the percent of the sample surface covered by trash particles as determined by a video scanner; 12 indicates that trash particles cover 1.2 percent of the sample surface. Trash particles include extraneous matter such as grass, bark, etc. * Less than 0.05 percent.

Table 13. — Continued

Uniformity and Trash	EL CENTRO			EL PASO			
	Arizona	California	Classing Office Total	Arizona	New Mexico	Texas	Classing Office Total
UNIFORMITY 1/							
72 & below	0.2	0.2	0.2	*	-	-	*
73	-	0.1	0.1	*	*	0.1	*
74	1.4	0.1	0.5	0.1	*	0.5	0.1
75	0.5	0.2	0.3	0.3	0.2	2.4	0.5
76	3.3	1.1	1.8	3.0	0.5	5.6	1.1
77	5.3	2.3	3.2	7.5	2.7	30.3	6.3
78	17.6	4.9	8.9	15.0	5.7	32.7	9.5
79	13.9	7.3	9.4	20.7	10.6	19.9	12.8
80	27.8	22.1	23.9	21.2	17.8	7.1	17.0
81	13.4	16.8	15.7	16.3	22.1	1.3	19.2
82	12.1	26.2	21.8	11.1	21.2	0.1	17.4
83	3.3	9.9	7.9	4.0	13.7	*	11.4
84	1.1	7.1	5.2	0.7	4.8	-	4.0
85	0.2	1.4	1.0	*	0.7	-	0.6
86	-	0.1	0.1	-	*	-	*
87	-	-	-	-	*	-	*
88	-	-	-	-	-	-	-
89	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-
91 & above	-	-	-	-	-	-	-
Average uniformity	79.6	81.0	80.6	80.7	81.0	77.9	80.5
TRASH 2/							
00	-	0.3	0.2	1.0	0.9	7.1	1.4
01	70.3	72.7	72.0	59.9	41.6	88.8	52.3
02	16.7	20.3	19.2	26.3	34.1	3.5	28.7
03	2.6	3.1	3.0	5.4	8.7	0.6	6.8
04	1.9	2.0	2.0	2.4	7.2	-	4.9
05	1.1	0.6	0.8	0.8	2.6	-	1.8
06	1.6	0.6	0.9	2.1	1.3	-	1.4
07	1.1	-	0.3	0.5	0.8	-	0.6
08	1.6	0.2	0.6	0.5	0.9	-	0.7
09	0.4	-	0.1	-	0.5	-	0.3
10	1.1	-	0.3	0.2	0.4	-	0.3
11	0.9	-	0.3	0.2	0.1	-	0.1
12	-	0.2	0.1	0.2	0.3	-	0.2
13	0.2	-	0.1	0.2	0.2	-	0.2
14	0.5	-	0.2	-	-	-	-
15	-	-	-	-	0.2	-	0.1
16	-	-	-	0.5	-	-	0.2
17	-	-	-	-	-	-	-
18 & above	0.2	-	0.1	-	0.2	-	0.1
Average trash	0.19	0.14	0.16	0.18	0.22	0.97	0.19

1/ A measure of the relative uniformity of the length of fibers; if all fibers were the same length, uniformity index would equal 100. 2/ A measure of the percent of the sample surface covered by trash particles as determined by a video scanner; 12 indicates that trash particles cover 1.2 percent of the sample surface. Trash particles include extraneous matter such as grass, bark, etc. * Less than 0.05 percent.

Table 13. -- Continued

	FLORENCE			Classing	FRESNO	GREENWOOD	HARLINGEN
Uniformity and Trash	North Carolina	South Carolina	Office Total	California	Mississippi	Texas	
UNIFORMITY 1/							
72 & below	-	-	-	-	0.1	*	*
73	*	0.1	0.1	*	*	-	-
74	0.1	0.2	0.1	-	0.2	*	*
75	0.2	0.2	0.2	*	0.2	-	-
76	0.6	0.8	0.7	*	1.3	*	*
77	1.0	1.5	1.3	0.1	1.8	*	*
78	4.5	6.5	5.5	0.6	6.9	0.7	0.7
79	7.9	8.9	8.4	1.1	8.0	4.5	4.5
80	22.7	24.3	23.5	6.4	22.3	18.3	18.3
81	19.6	21.0	20.3	11.0	17.9	35.7	35.7
82	27.7	24.7	26.2	30.5	24.2	28.5	28.5
83	9.2	7.4	8.3	23.4	9.0	10.0	10.0
84	5.3	4.0	4.6	20.4	6.7	1.9	1.9
85	0.8	0.4	0.6	4.8	1.0	0.2	0.2
86	0.3	*	0.2	1.4	0.4	*	*
87	0.1	*	0.1	0.2	*	*	*
88	*	-	*	0.1	*	*	*
89	-	-	-	*	*	*	*
90	-	-	-	-	-	*	*
91 & above	-	-	-	-	-	*	*
Average uniformity	81.1	80.8	80.9	82.6	80.9	81.3	81.3
TRASH 2/							
00	-	*	*	0.6	*	2.2	2.2
01	9.3	8.2	8.8	42.1	7.9	29.3	29.3
02	25.9	26.7	26.3	35.2	24.7	34.5	34.5
03	15.6	16.0	15.8	10.1	15.0	10.8	10.8
04	19.3	19.7	19.5	6.3	19.0	11.3	11.3
05	7.8	8.7	8.3	2.2	8.4	3.2	3.2
06	8.9	8.6	8.7	1.7	9.6	3.6	3.6
07	3.1	3.3	3.2	0.5	3.9	1.2	1.2
08	3.8	3.3	3.5	0.6	4.5	1.9	1.9
09	1.4	1.1	1.2	0.2	1.8	0.5	0.5
10	1.9	1.6	1.8	0.2	1.8	0.5	0.5
11	0.8	0.6	0.7	0.1	0.7	0.1	0.1
12	0.8	1.2	1.0	0.1	0.9	0.2	0.2
13	0.3	0.2	0.2	0.1	0.4	0.1	0.1
14	0.5	0.3	0.4	*	0.5	0.3	0.3
15	0.1	0.2	0.1	*	0.2	0.1	0.1
16	0.3	0.1	0.2	*	0.2	0.1	0.1
17	0.1	*	0.1	*	0.1	-	-
18 & above	0.1	0.1	0.1	*	0.3	0.1	0.1
Average trash	0.40	0.39	0.40	0.21	0.42	0.26	0.26

1/ A measure of the relative uniformity of the length of fibers; if all fibers were the same length, uniformity index would equal 100. 2/ A measure of the percent of the sample surface covered by trash particles as determined by a video scanner; 12 indicates that trash particles cover 1.2 percent of the sample surface. Trash particles include extraneous matter such as grass, bark, etc. * Less than 0.05 percent.

Table 13. -- Continued

Uniformity and Trash	HAYTI				LAMESA			
	Arkansas	Missouri	Classing Office Total	Classing Office Total	New Mexico	Texas	Classing Office Total	Classing Office Total
UNIFORMITY 1/								
72 & below	*	*	*	::	-	*	*	*
73	*	*	*	::	-	0.1	0.1	0.1
74	0.1	0.1	0.1	::	-	0.4	0.4	0.4
75	0.1	0.1	0.1	::	0.3	0.9	0.9	0.9
76	0.5	0.4	0.4	::	3.2	5.7	5.7	5.7
77	0.9	0.6	0.8	::	8.3	11.5	11.5	11.5
78	4.4	2.6	3.5	::	16.4	19.0	18.9	18.9
79	6.2	3.8	4.9	::	22.6	23.0	23.0	23.0
80	19.3	13.7	16.3	::	22.3	20.0	20.0	20.0
81	17.0	14.1	15.5	::	17.1	12.5	12.5	12.5
82	27.1	28.3	27.7	::	7.8	5.4	5.4	5.4
83	11.8	15.5	13.8	::	2.0	1.4	1.4	1.4
84	9.3	15.0	12.3	::	0.1	0.2	0.2	0.2
85	2.0	3.8	2.9	::	-	*	*	*
86	0.9	1.9	1.4	::	-	*	*	*
87	0.1	0.2	0.2	::	-	*	*	*
88	*	0.1	0.1	::	-	*	*	*
89	*	-	*	::	-	*	*	*
90	*	-	*	::	-	*	*	*
91 & above	-	*	*	::	-	*	*	*
Average uniformity	81.4	82.0	81.7	::	79.4	79.0	79.0	79.0
TRASH 2/								
00	*	*	*	::	-	1.7	1.7	1.7
01	10.0	11.6	10.6	::	-	64.9	64.9	64.9
02	26.3	29.5	27.6	::	-	24.4	24.4	24.4
03	13.8	14.9	14.4	::	-	4.2	4.2	4.2
04	18.5	18.4	18.4	::	-	2.7	2.7	2.7
05	7.8	7.4	7.6	::	-	0.9	0.9	0.9
06	9.6	7.4	8.6	::	-	0.5	0.5	0.5
07	3.9	2.8	3.4	::	-	0.2	0.2	0.2
08	4.1	2.8	3.5	::	-	0.2	0.2	0.2
09	1.5	1.6	1.6	::	-	0.1	0.1	0.1
10	1.6	1.6	1.6	::	-	*	*	*
11	0.6	0.7	0.7	::	-	*	*	*
12	0.9	0.4	0.7	::	-	0.1	0.1	0.1
13	0.2	0.2	0.2	::	-	*	*	*
14	0.4	0.2	0.4	::	-	-	-	-
15	0.2	0.2	0.2	::	-	-	-	-
16	0.2	0.1	0.2	::	-	-	-	-
17	-	-	-	::	-	-	-	-
18 & above	0.3	0.1	0.2	::	-	*	*	*
Average trash	0.40	0.37	0.39	::	-	0.15	0.15	0.15

1/ A measure of the relative uniformity of the length of fibers; if all fibers were the same length, uniformity index would equal 100. 2/ A measure of the percent of the sample surface covered by trash particles as determined by a video scanner; 12 indicates that trash particles cover 1.2 percent of the sample surface. Trash particles include extraneous matter such as grass, bark, etc. * Less than 0.05 percent.

Table 13. -- Continued

	LITTLE ROCK		LUBBOCK		MACON	
Uniformity and Trash	Arkansas	New Mexico	Texas	Classing Office Total	Georgia	
UNIFORMITY 1/						
72 & below	0.1	-	0.1	0.1	-	
73	0.1	0.1	0.2	0.2	-	
74	0.4	0.8	1.0	1.0	+	
75	0.5	1.9	1.6	1.6	+	
76	1.7	6.7	6.0	6.0	0.3	
77	2.0	8.4	9.8	9.8	1.3	
78	7.0	24.5	20.3	20.3	4.6	
79	8.2	24.8	20.5	20.5	11.9	
80	23.2	17.2	19.9	19.9	21.1	
81	17.9	8.9	12.1	12.0	25.3	
82	25.0	4.8	6.4	6.4	20.0	
83	7.8	1.5	1.6	1.6	10.5	
84	4.8	0.2	0.4	0.4	3.7	
85	0.8	0.1	*	*	0.9	
86	0.4	-	*	*	0.2	
87	*	-	-	-	*	
88	-	-	*	*	*	
89	-	-	-	-	*	
90	-	-	*	*	-	
91 & above	-	-	-	-	-	
Average uniformity	80.8	78.8	79.0	79.0	80.9	
TRASH 2/						
00	*	-	0.7	0.7	-	
01	12.1	-	57.7	57.7	7.8	
02	27.7	-	29.3	29.3	26.8	
03	13.9	-	5.7	5.7	16.5	
04	16.4	-	3.6	3.6	19.6	
05	7.7	-	1.0	1.0	8.2	
06	8.6	-	0.9	0.9	9.1	
07	3.3	-	0.3	0.3	2.8	
08	4.2	-	0.3	0.3	3.4	
09	1.4	-	0.2	0.2	1.6	
10	1.8	-	0.1	0.1	1.6	
11	0.9	-	*	*	0.7	
12	0.8	-	0.1	0.1	0.7	
13	0.2	-	*	*	0.3	
14	0.5	-	*	*	0.3	
15	0.1	-	*	*	0.2	
16	0.2	-	-	-	0.1	
17	0.1	-	*	*	-	
18 & above	0.3	-	*	*	0.3	
Average trash	0.39	-	0.17	0.17	0.40	

1/ A measure of the relative uniformity of the length of fibers; if all fibers were the same length, uniformity index would equal 100. 2/ A measure of the percent of the sample surface covered by trash particles as determined by a video scanner; 12 indicates that trash particles cover 1.2 percent of the sample surface. Trash particles include extraneous matter such as grass, bark, etc. * Less than 0.05 percent.

Table 13. -- Continued

	MEMPHIS				PHOENIX	RAYVILLE	WACO
Uniformity and Trash	Arkansas	Mississippi	Tennessee	Classing Office Total	Arizona	Louisiana	Texas
UNIFORMITY 1/							
72 & below	-	-	*	*	0.3	*	-
73	-	-	*	*	0.2	*	*
74	-	*	*	*	1.0	0.1	*
75	-	0.1	*	*	1.2	0.1	0.1
76	0.2	0.6	0.2	0.3	2.6	0.6	0.4
77	0.4	0.7	0.3	0.4	3.1	1.1	1.8
78	2.3	2.9	1.4	1.8	8.6	5.5	6.3
79	3.2	4.6	3.0	3.4	9.2	8.2	15.1
80	12.5	12.9	12.3	12.5	22.2	24.6	23.5
81	15.5	15.0	15.2	15.2	17.4	19.7	24.3
82	36.7	31.3	32.3	32.4	21.1	25.9	17.0
83	17.4	15.6	16.7	16.5	7.3	8.4	8.3
84	9.4	13.2	14.2	13.7	4.7	4.7	2.6
85	1.6	1.5	2.9	2.5	0.7	0.7	0.5
86	0.7	1.3	1.3	1.3	0.2	0.3	0.1
87	0.2	0.2	*	0.1	0.1	*	*
88	-	-	0.1	*	-	-	*
89	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-
91 & above	-	-	-	-	-	-	-
Average uniformity	81.8	81.8	82.0	82.0	80.4	81.0	80.6
TRASH 2/							
00	-	-	-	-	1.0	*	-
01	5.0	8.2	17.3	14.4	59.0	14.2	29.5
02	27.8	21.4	33.5	30.4	24.3	29.5	31.4
03	17.3	13.1	14.5	14.3	4.2	13.9	11.4
04	23.5	19.3	14.9	16.5	3.4	16.6	11.7
05	9.1	8.6	5.2	6.2	1.6	7.1	4.6
06	9.3	9.9	5.8	7.0	1.8	7.5	4.8
07	2.7	4.6	2.8	3.2	0.9	3.2	1.6
08	2.8	5.3	2.3	3.0	1.2	3.3	2.0
09	0.7	2.4	0.9	1.2	0.5	1.3	0.8
10	0.9	2.4	1.0	1.3	0.7	1.4	0.7
11	-	1.5	0.3	0.5	0.3	0.5	0.3
12	-	1.1	0.5	0.6	0.2	0.6	0.3
13	0.2	0.8	0.2	0.3	0.2	0.2	0.1
14	0.4	0.6	0.3	0.3	0.1	0.3	0.2
15	-	0.2	0.1	0.1	0.1	0.1	0.1
16	0.2	0.3	0.1	0.2	0.1	0.1	0.1
17	-	*	*	*	0.1	*	0.1
18 & above	0.4	0.3	0.2	0.2	0.3	0.2	0.1
Average trash	0.38	0.45	0.33	0.36	0.20	0.36	0.29

1/ A measure of the relative uniformity of the length of fibers; if all fibers were the same length, uniformity index would equal 100. 2/ A measure of the percent of the sample surface covered by trash particles as determined by a video scanner; 12 indicates that trash particles cover 1.2 percent of the sample surface. Trash particles include extraneous matter such as grass, bark, etc. * Less than 0.05 percent.

Table 14. -- Grade and staple of American Pima cotton classed in the United States, 1989 crop

Grade	Staple						All staples
	40 and shorter	42	44	46	48 and longer		
	Bales	Bales	Bales	Bales	Bales	Bales	Percent
01	0	3	341	333	8	685	0.1
02	0	264	24,137	31,662	215	56,278	8.5
03	35	1,421	157,366	209,980	4,482	373,284	56.3
04	40	2,026	63,080	119,769	3,341	188,256	28.4
05	10	1,417	11,964	14,498	251	28,140	4.2
06	4	998	7,335	1,321	4	9,662	1.5
07	197	2,154	4,487	151	0	6,989	1.1
All grades	286	8,283	268,710	377,714	8,301	663,294	100.0
All grades	Pct. *	Pct. 1.2	Pct. 40.5	Pct. 56.9	Pct. 1.3	Pct. 100.0	

* Less than 0.05 percent.

Average staple..... 45.2
Pct. grade reductions... 11.8

NOTE: Totals may not add due to rounding.

Table 15. -- Percentage distribution of grade and staple for American Pima cotton classed through specified periods, in the United States, 1989 crop

Grade and Staple	Period through				Crop
	November 2	November 30	December 28	February 1	
Grade:					
01	0.2	0.2	0.1	0.1	0.1
02	14.8	11.9	10.2	9.2	8.5
03	70.1	66.8	61.7	58.5	56.3
04	13.2	18.9	24.1	27.0	28.4
05	1.4	1.7	2.8	3.5	4.2
06	0.2	0.3	0.7	1.1	1.5
07	0.2	0.2	0.4	0.7	1.1
All grades	100.0	100.0	100.0	100.0	100.0
Staple:					
40 and shorter	0.1	0.1	0.1	*	*
42	1.7	0.8	0.8	1.1	1.2
44	53.2	47.9	44.3	42.6	40.5
46	45.0	50.8	54.4	55.6	56.9
48 and longer	*	0.5	0.5	0.6	1.3
All staples	100.0	100.0	100.0	100.0	100.0
Classings	119,017	299,334	455,922	577,602	663,294

* Less than 0.05 percent.

Table 16. -- Percentage distribution of grade and staple for American Pima cotton classed, by states, 1989 crop 1/

Grade	Staple						All staples
	40 and shorter	42	44	46	48 and longer		
ARIZONA							
01	-	-	0.1	0.1	*		0.1
02	-	*	2.4	5.9	*		8.3
03	-	0	13.1	36.5	1.0		50.7
04	-	0	7.2	24.2	0.7		32.3
05	*	0	2.1	3.1	0.1		5.3
06	-	0.1	1.5	0.3	*		1.9
07	*	0.4	0.9	*	-		1.3
All grades	*	0.9	27.3	70.0	1.8		100.0
1/ Classings, 460,474 running bales.						Average staple..... 45.5	
* Less than 0.05 percent.						Percent grade reductions. 14.3	
CALIFORNIA							
01	-	-	0.1	*	-		0.3
02	-	0.1	20.9	2.7	-		23.7
03	-	*	38.9	15.2	0.1		54.3
04	-	*	11.1	6.4	*		17.4
05	-	-	2.2	0.7	-		2.9
06	-	*	0.7	0.1	-		0.8
07	0.1	*	0.6	*	-		0.8
All grades	0.1	0.1	74.6	25.0	0.1		100.0
1/ Classings, 32,323 running bales.						Average staple..... 44.5	
* Less than 0.05 percent.						Percent grade reductions. 9.4	
NEW MEXICO							
01	-	-	-	-	-		-
02	-	*	4.4	3.3	-		7.7
03	*	0.1	52.7	21.8	-		74.7
04	-	0.2	11.9	3.3	-		15.4
05	-	0.9	0.5	*	-		1.5
06	-	0.3	0.1	-	-		0.5
07	0.1	0.1	*	-	-		0.3
All grades	0.2	1.8	69.6	28.4	-		100.0
1/ Classings, 24,550 running bales.						Average staple..... 44.5	
* Less than 0.05 percent.						Percent grade reductions. 5.4	
TEXAS							
01	-	*	-	-	-		*
02	-	*	3.7	2.1	-		5.8
03	*	0.4	49.1	21.7	*		71.3
04	*	1.1	15.9	3.6	-		20.6
05	*	0.4	0.9	0.1	-		1.5
06	*	0.2	0.2	*	-		0.4
07	0.1	0.3	*	-	-		0.4
All grades	0.1	2.5	69.9	27.5	*		100.0
1/ Classings, 145,947 running bales.						Average staple..... 44.5	
* Less than 0.05 percent.						Percent grade reductions. 5.4	

Table 17. -- Percentage distribution of mike for American Pima cotton classed in the United States, by states, 1989 crop

Readings	State				United States
	Arizona	California	New Mexico	Texas	
26 and below	*	*	*	0.1	*
27	0.1	0.1	0.2	0.2	0.1
28	0.2	0.4	0.4	0.6	0.3
29	0.5	0.5	0.8	1.2	0.7
30	0.8	1.2	1.7	2.6	1.3
31	1.6	1.4	2.5	3.0	1.9
32	1.4	1.5	3.3	4.0	2.1
33	2.3	1.8	3.7	4.1	2.7
34	2.5	3.0	5.3	6.7	3.5
35	6.9	5.2	5.2	6.8	6.7
36	8.5	8.8	8.5	11.2	9.1
37	11.1	10.1	6.7	9.0	10.5
38	13.1	15.6	10.5	13.0	13.1
39	14.0	13.6	8.1	8.5	12.5
40	13.0	14.7	11.6	10.8	12.6
41	11.2	9.5	7.5	6.1	9.9
42	6.8	7.1	9.3	5.9	6.8
43	3.0	3.0	4.6	2.5	3.0
44	1.9	1.6	5.4	2.3	2.1
45	0.6	0.4	2.3	0.7	0.7
46	0.5	0.2	1.9	0.5	0.5
47	0.1	*	0.4	0.1	0.1
48	*	*	0.1	*	*
49	*	*	*	*	*
50 and above	*	*	-	*	*
Average mike	38	38	38	37	38

* Less than 0.05 percent.