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**Yield Tables and Stand Structure
For LOBLOLLY PINE Plantations
In Tennessee, Alabama, and
Georgia Highlands**

**GLENDON W. SMALLEY
AND
ROBERT L. BAILEY**

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Yield Tables and Stand Structure For Loblolly Pine Plantations In Tennessee, Alabama, and Georgia Highlands

Glendon W. Smalley¹
and
Robert L. Bailey²

More than 300,000 acres of abandoned fields have been planted with loblolly pine (*Pinus taeda* L.) in the four highland regions (fig. 1) of Tennessee, Alabama, and Georgia. To assist foresters and landowners in making decisions about when to harvest these plantations we present tables showing expected cubic-foot yields, basal area, average height, and number of stems per acre by 1-inch diameter classes for all combinations of:

Planting density—500 to 2,500 trees per acre in increments of 250

Site index (base age 25)—40 to 70 feet in steps of 10

Age from seed—10 to 40 years, by intervals of 5.

Methods of collecting the data and constructing the tables are discussed in the sections immediately following. The tables were derived through a system of equations to predict number of surviving stems per acre, diameter distributions, site index (Smalley and Bower 1971), tree heights, and volume per tree (Smalley and Bower 1968).

Readers interested only in the tables and a discussion of growth trends should turn directly to the section on Stand and Stock Tables, p. 7. Tables for combinations of variables not depicted—or for combinations of surviving trees per acre, site, and age—can be obtained from the Southern Forest Experiment Station, Biometrics Branch, T-10210 Federal Building, 701 Loyola Avenue, New Orleans, Louisiana 70113. Users with computer facilities may wish to acquire the programs, which are written in FORTRAN.

¹ Soil Scientist at the Silviculture Laboratory, maintained at Sewanee, Tennessee, by the Southern Forest Experiment Station in cooperation with the University of the South.

² Mathematical Statistician, Biometrics Branch, Southern Forest Experiment Station, New Orleans, La.

A similar publication is available for shortleaf pine (Smalley and Bailey 1974).

PLANTATION MEASUREMENTS

Diameter, height, and age data were recorded in 302 loblolly plantations distributed almost evenly in the four physiographic regions.

All plantations sampled were at least 10 years old from seed and had not been thinned, burned, or pruned. Survival and tree distribution were judged reasonably good, and no reinforcement planting had been done. The plantations bore no evidence of severe damage by insects or disease, and ice or snow had not deformed more than 25 percent of the trees. Most of the stands contained some competing vegetation, but quantity of competition was not a criterion except as it influenced pine survival and distribution.

One plot, usually 0.05 acre in size, was established in each plantation. The diameter at breast height (D_i) of each tree on the plot was measured to the nearest 0.1 inch. The total height of every fourth tree in each 1-inch diameter class was measured to the nearest foot. Average total height of dominants and codominants (H) was calculated for each plot. Age from seed (A) was determined by counting annual rings at ground level on a felled tree. Mortality was estimated from the presence of standing dead trees, rotten stumps, fallen trees, and obvious gaps in the planting rows. This estimate was added to the count of live trees to obtain the number of planted trees.

Data from 267 of the 302 plots were used to screen and fit mathematical models to estimate survival, heights of individual trees (H_i), and relative diameter distributions as functions of age, number of trees planted per acre (T_p), number of trees surviving per acre (T_s), diameter class midpoints, the midpoint of the largest

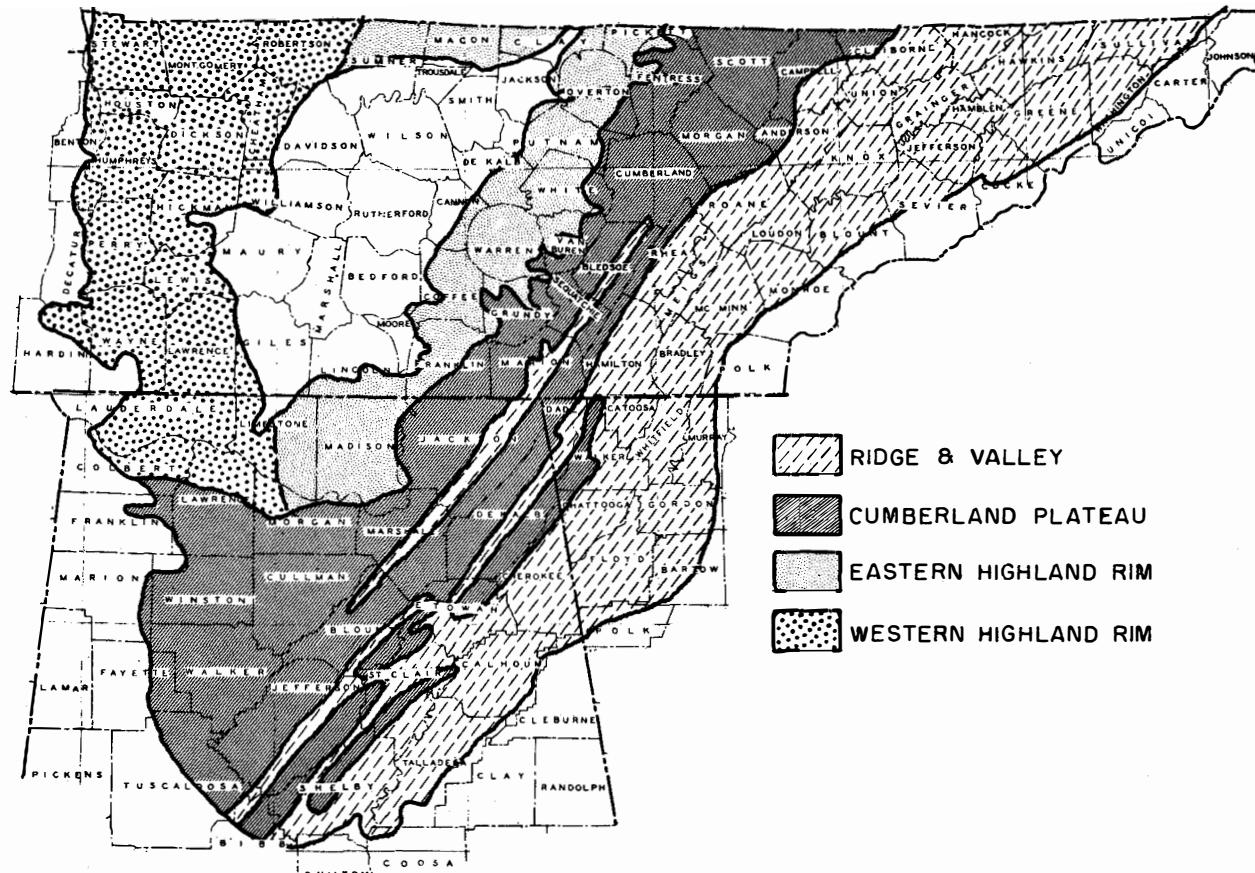


Figure 1.—Highland regions of middle Tennessee, northern Alabama, and northwestern Georgia.

diameter class with nonzero predicted frequency per acre (DMAX), and site index at base age 25 years (S). No attempt was made to develop separate predictors for each physiographic region, as prior experience (Smalley and Bower 1968, 1971) had indicated that there was little chance of regression coefficients being significantly different.

For model validation, a randomly selected subset of 32 plots was withheld at the rate of 10 percent per physiographic region. Data for the remaining three plots had unresolvable errors and were discarded.

The distribution of sample plots by site index, age, and planting density is shown in table 1. Ages ranged from 10 to 31 years, average heights of dominant and codominants from 22 to 72 feet, site indexes from 31 to 89, number of trees planted from 305 to 3,460 per acre, and number of surviving trees from 202 to 2,240. A chi-square test showed no relationship between age and site index (all statistical tests were at the 0.05 level).

An initial screening was made to determine which of six height-on-diameter models to use. Since two of the models involved a logarithmic transformation of the dependent variable, the in-

Table 1.—*Distribution of loblolly plantations by age, site index, and planting density*

Planting density (trees per acre)	Age from seed					Total								
	10-14	15-19	20-24	25-29	30-34									
<i>Number of plots</i>														
<500	1		2		1	4								
501-1000	31	5	6	11	2	55								
1001-1500	72	46	24	30	3	175								
1501-2000	10	4	2	2		18								
2001-2500	4	4	1			9								
2501-3000		3	2			5								
>3000	1					1								
Total	119	62	37	43	6	267								
Age from seed (years)	Site index										Total			
	30	35	40	45	50	55	60	65	70	75	80	85	90	
<i>Number of plots</i>														
10-14	1	4	8	19	42	25	15	3	1		1		119	
15-19		1	6	14	18	12	7	4					62	
20-24	1		2	11	11	8	3	1					37	
25-29				13	19	7	4						43	
30-34					1	2	1	2					6	
Total	1	1	5	16	57	91	54	30	10	1		1	267	
Planting density (trees per acre)	Site index										Total			
	30	35	40	45	50	55	60	65	70	75	80	85	90	
<i>Number of plots</i>														
<500					1		2		1					4
501-1000	1		1	5	24	13	9	2						55
1001-1500	1	4	11	39	59	39	17	5						175
1501-2000			2	4	6	2		2	1				1	18
2001-2500			1	2	3	1		2						9
2501-3000					4	1								5
>3000					1									1
Total	1	1	5	16	57	91	54	30	10	1		1		267

dex to fit suggested by Furnival (1961) was taken as the basis of comparison. A test for homogeneity of variance and a one-way analysis of variance was performed on the "I" values (untransformed standard errors). The variance was homogeneous and the models were not significantly different. Principally on the recommendations of Curtis (1967), therefore, we chose $\log H_i$ on D_i^{-1} . Seventy percent of the plots and 88 percent of the randomly selected subset of 32 plots had $r^2 \geq .70$. These regressions and the tree-volume regressions of Smalley and Bower (1968) gave equations for tree volumes as functions of diameter only. Plot volumes were computed with these equations.

MODEL DEVELOPMENT AND EVALUATION

Survival

The basic structure chosen for a survival model was:

$$\log(T_p/T_s) = Af(A, H, T_p).$$

Merits of this particular form are that when $A = 0$, $\log(T_p/T_s) = 0$. Thus $T_p = T_s$ and the equation predicts 100-percent survival. For any value of the right-hand side a nonnegative (T_p/T_s) ratio results.

The function, $f(A, H, T_p)$, was defined by screening linear, nonlinear, and interaction transformations of A , H , T_p with REX (Grosenbaugh 1967). Graphical evaluation (for example, see fig. 2) was the final step in screening. The model chosen was:

$$\begin{aligned} \log(T_p/T_s) &= A\{0.0130 \log(T_p) \\ &\quad + 0.0009 H - 0.0109 \sqrt{H}\} \quad (1) \\ R^2 &= 0.84; S_{y.x}^2 = 0.0042; \bar{Y} = 0.1329; \\ S_y^2 &= 0.0081 \end{aligned}$$

There were no discernible trends in residuals.

Number of surviving trees was calculated for each plot of the randomly selected subset by solving for T_s . Sixty-six percent of the estimates were within ± 10 percent of the observed values, and the algebraic average error of +0.02 percent corresponded to a difference of less than one tree per acre for the stand of mean stocking.

Diameter Distributions

The three-parameter Weibull function (Bailey 1972, Bailey and Dell 1973) was used to model diameter distributions. Maximum-likelihood estimation gave excellent results. By the Kolmo-

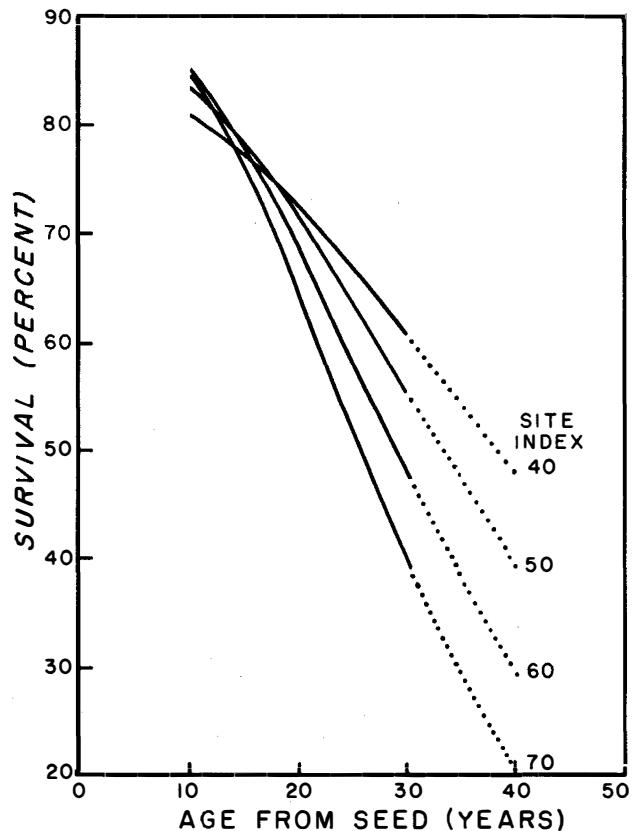


Figure 2.—Survival.

gorov-Smirnov test (Massey 1951), none of the fitted distributions differed significantly and the maximum difference between fitted and observed quadratic mean diameter was -0.07 inch. The average of all differences was 0.004 inch.

Regressions were fitted to predict the maximum-likelihood estimates from stand variables A , H , and T_s :

Location parameter

$$a = -1.5254 + 0.0639 H, \quad (2)$$

$$\begin{aligned} R^2 &= 0.28, S_{y.x}^2 = 1.3762, \bar{Y} = 1.1884, \\ S_y^2 &= 1.9146; \end{aligned}$$

Scale parameter

$$a + b = -6.6951 - 0.0008 T_s + 7.5104$$

$$\log H + 1,036.0133/T_s, \quad (3)$$

$$\begin{aligned} R^2 &= 0.92, S_{y.x}^2 = 0.1599, \bar{Y} = 5.99, \\ S_y^2 &= 1.985; \end{aligned}$$

Shape parameter

$$\begin{aligned} c &= 3.3542 + 0.0002A \\ &\quad + 0.3416 \log T_s, \quad (4) \end{aligned}$$

$$\begin{aligned} R^2 &= 0.09, S_{y.x}^2 = 1.602, \bar{Y} = 4.06, \\ S_y^2 &= 1.756. \end{aligned}$$

Equation 2 will predict negative values for a if $H < 24$ feet (age 14 and below on site 40, age 10 and below on site 45). This situation only occurred twice in our data. We specified $a = 0$ for those plots and $a \geq 0$ in all predictions.

The three equations were used for predicting Weibull parameters. Stand tables were obtained from the resulting relative distributions and projected numbers of surviving stems per acre.

Evaluations against observed distributions indicated very good fits. Although there was a tendency to underestimate (71 percent negative deviations), the mean diameter of 81 percent of the randomly selected subset was predicted within ± 0.5 inch. For 78 percent of these plots the observed and predicted distributions were not significantly different. With the data used to develop equations there were 143 negative and 124 positive deviations; of these, 84 percent within ± 0.5 inch, and the average was -0.01 inch.

Heights

From total height and diameter pairs and concomitant stand data, an equation was developed to predict total height of individual trees. The general model was:

$$\log(H/H_i) = b_0 + (1/D_i - 1/D_{MAX}) \\ g(A, H, T_s)$$

Its characteristics are discussed by Lenhart (1968).

The form of the function $g(A, H, T_s)$ and parameter estimates were obtained through the screening process described previously.

$$\begin{aligned} \log(H/H_i) = & -0.0187 \\ & + (1/D_i - 1/D_{MAX}) \\ & \{2.3357 + 0.7849 A T_s (10^{-5}) \\ & + 0.0029 (T_s/A) \\ & - 1.1990 \log(T_s/A) \\ & + 0.3919 \log(H/A)\} \quad (5) \end{aligned}$$

$$R^2 = 0.72, S_{yx}^2 = 0.0016, \bar{Y} = 0.0358, \\ S_y^2 = 0.0056$$

Predicted Yields

Equations 2 through 5 and those for tree volume (Smalley and Bower 1968) made possible a yield prediction system in which age, average dominant height, and number of surviving trees were the variables.

Number of trees and average heights by diameter classes were used to calculate volumes by classes, which were then summed for expected yields per acre. When this approach was evaluated against observed yields on the 267 plots, R^2 's for all volume categories were in excess of 0.90. Precision was best for 4-inch top volumes ($R^2 = 0.91$). Average differences between predicted and observed yields per acre ranged between -48 cubic feet for volume to a 4-inch top (i.b.) and 26 cubic feet for total volume (o.b.); differences were within ± 10 percent of observed 36 percent of the time.

When evaluated with the randomly selected subset, this system explained 87 percent or more of the variation about mean volume for all categories (table 2). Approximately one-third of the predicted values were within ± 10 percent of the

Table 2.—Evaluation of predicted per-acre yields of all trees with d.b.h. > 4.5 inches

Volume category	R^2	Predicted values in relation to observed			Predicted minus observed		T-value for test of zero percent difference
		± 10 percent	± 25 percent	± 500 ft ³	Negative	Positive	
— — Number — —							
Total							
Outside bark	0.87	25	68	72	14	18	1.82*
Inside bark	.87	31	68	78	14	18	1.63
To 2-inch top							
Outside bark	.87	25	69	72	14	18	1.78*
Inside bark	.87	34	69	78	14	18	1.59
To 3-inch top							
Outside bark	.87	31	69	75	14	18	1.63
Inside bark	.88	31	66	78	15	17	1.40
To 4-inch top							
Outside bark	.88	31	66	75	16	16	1.14
Inside bark	.89	34	60	81	19	13	.84

*Significant at 0.05 level.

observed and two-thirds were within ± 25 percent. Prediction seemed to be better for inside-bark volumes. Precision improved as top diameter increased. Average differences between predicted and observed yields ranged from -0.25 to 47 cubic feet and were almost equally divided between positive and negative. A two-tailed t-test for average difference (tabular value 1.70) was significant for only two categories.

Simple correlation coefficients between residuals and observations were not significant for any volume category (table 3). Correlations with age averaged 0.01 and were lower for merchantable than for total volumes. The reverse trend occurred for site index, where the correlation between residuals and surviving stems averaged 0.30 and was lowest (0.27) for volume inside bark to a 4-inch top.

Table 3.—Correlation coefficients between residuals (predicted minus observed per-acre yield) and stand characteristics. Data are for all trees with d.b.h. > 4.5 inches

Category	Correlation ¹ with—			
	Age	Site index	Surviving stems per acre	Average dominant height
Total				
Outside bark	0.02	- .11	.32	- .02
Inside bark	.01	- .11	.31	- .03
To 2-inch top				
Outside bark	.01	- .11	.31	- .02
Inside bark	.01	- .12	.30	- .03
To 3-inch top				
Outside bark	.01	- .11	.31	- .03
Inside bark	.01	- .12	.30	- .04
To 4-inch top				
Outside bark	.01	- .13	.28	- .04
Inside bark	.00	- .13	.27	- .05

¹ Critical value at 0.05 level with 30 degrees of freedom is 0.35.

Comparisons

The algebraic average error of +4 percent over all categories in this study compares favorably with tests of diameter-distribution yield prediction systems based on the beta function. For old-field loblolly plantations in the Georgia Piedmont predicted yields exceeded observed yields by 6 percent (Lenhart and Clutter 1971), and in the interior West Gulf Coastal Plain by 5 percent (Lenhart 1972). Burkhart (1971) reported an average under-prediction of 1 percent

for slash pine plantations in south Georgia and north Florida. For natural stands of yellow-poplar (*Liriodendron tulipifera* L.) in the southern Appalachians, the average over-prediction was 0.5 percent (Beck and Della-Bianca 1970).

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STAND AND STOCK TABLES

The tables that follow are believed to be representative of the natural development of undisturbed loblolly pine plantations on abandoned fields throughout the Interior Highlands of Tennessee, Alabama, and Georgia. To enhance their utility, the tables have been extended 9 years beyond the oldest sampled stands. We recognize that extrapolation is risky, but all relationships appear biologically valid. Some trends are worthy of comment. For conciseness, graphical examples in figures 2-8 are limited to a planting density of 1,250 trees per acre, or about a 6- by 6-foot spacing. Where discussions relate to changes in planting density, trends can be verified from the tables.

Survival.—On all sites survival percentage decreased as planting density and age increased.

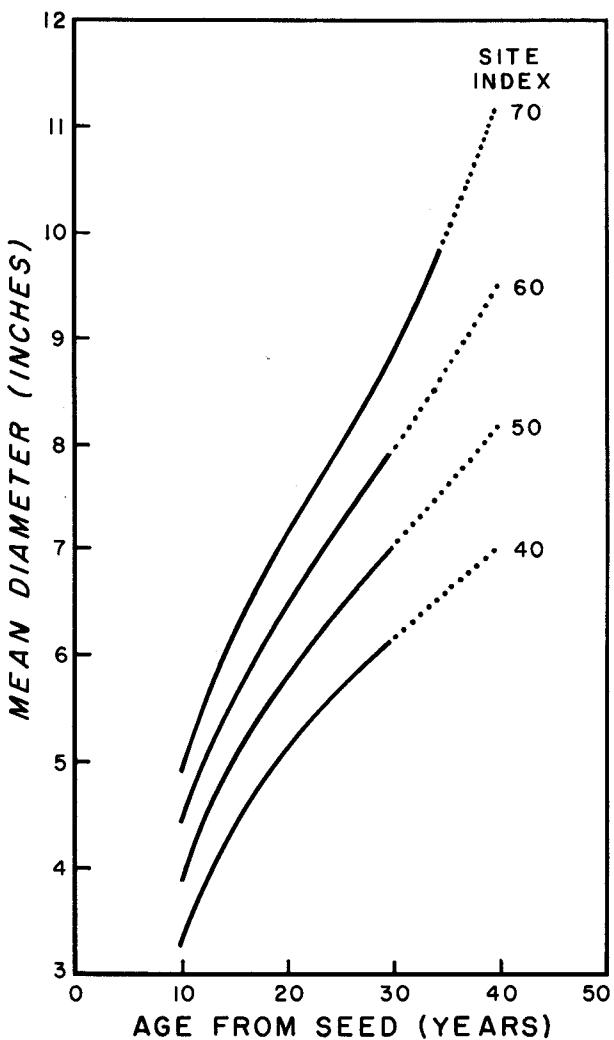


Figure 3.—Quadratic mean diameter.

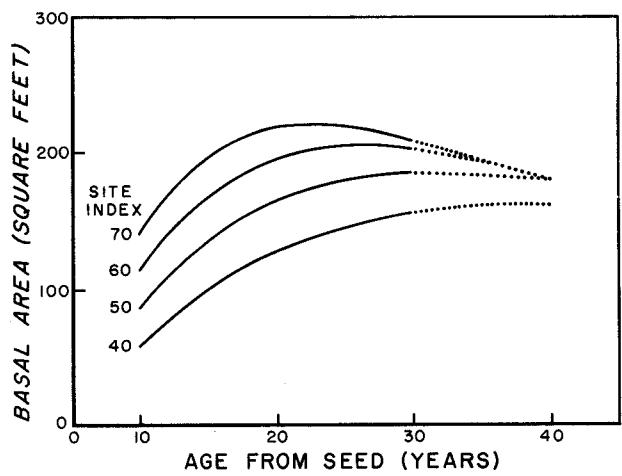


Figure 4.—Total basal area per acre.

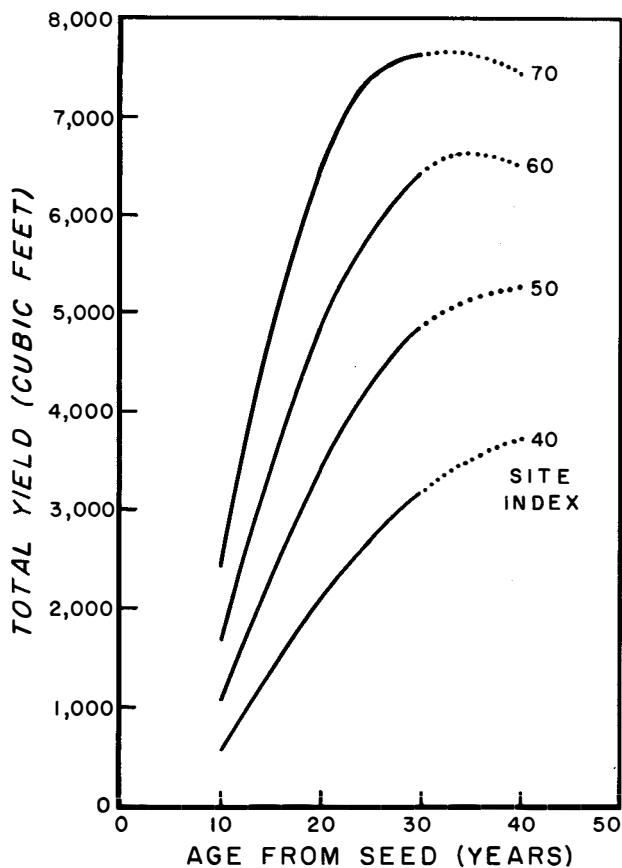


Figure 5.—Total yield per acre of entire stem (outside bark) of all trees.

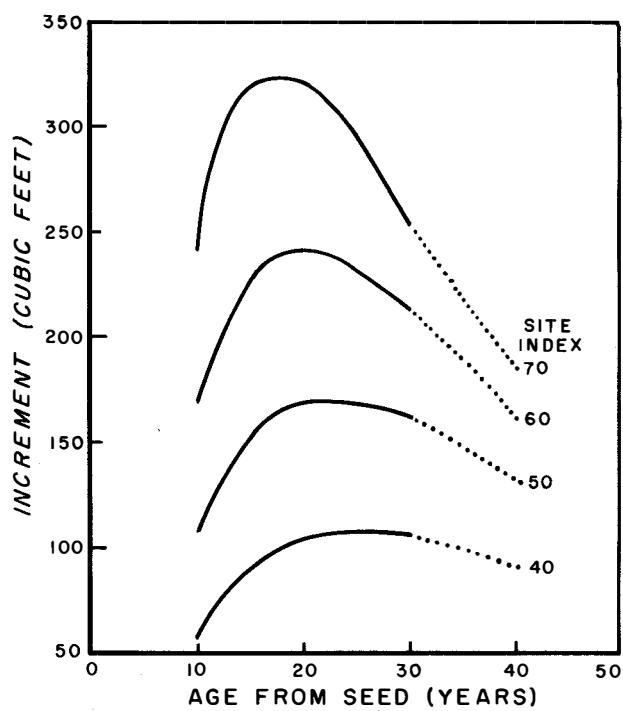


Figure 7.—Mean annual increment in total yield per acre.

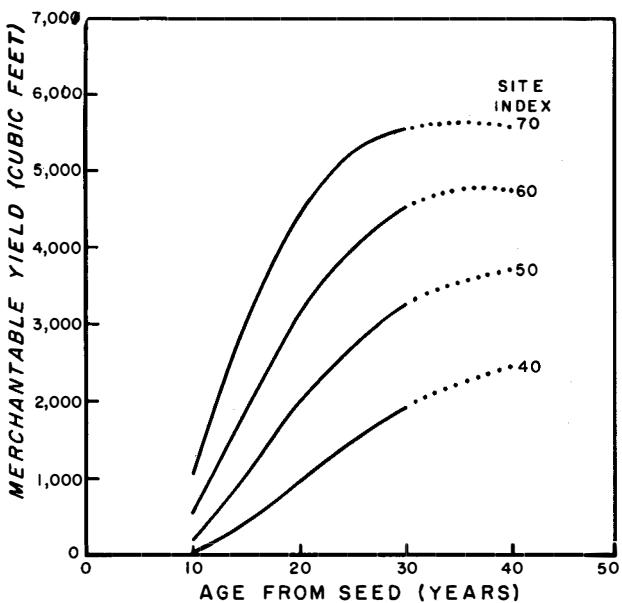


Figure 6.—Merchantable yield (inside bark) per acre to a 4-inch top (outside bark) in stems with d.b.h. > 4.5 inches.

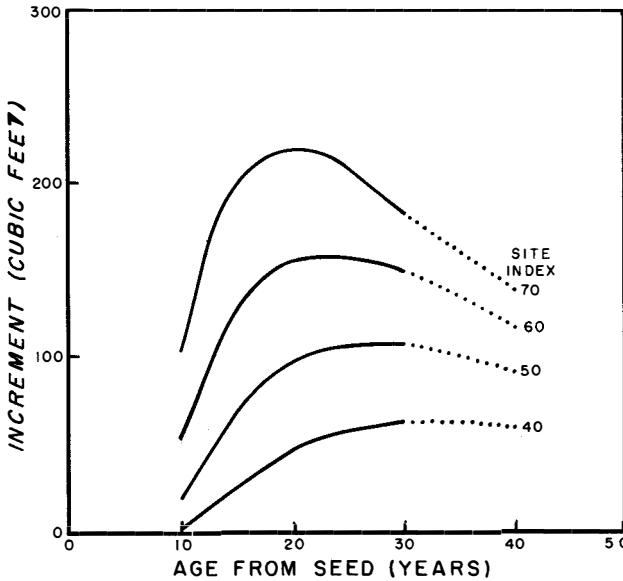


Figure 8.—Mean annual increment in merchantable yield per acre.

With an increase in site, however, survival was slightly better at early ages and worse at older ages—a consequence of intensified competition on better sites as age increased.

Quadratic mean diameter.—As planting densities increased, mean diameter declined for all ages and sites, but improvement in site always

caused diameter increases. For all sites and densities, diameter growth was essentially linear past age 20.

Basal area.—Total basal area (trees of all sizes) for sites 60 and 70 culminated before age 40 for all planting densities. On site 50, culmination was at densities greater than 1,000 trees per acre. On poor sites culmination will probably occur at about age 50.

Yields.—Total and merchantable cubic-foot yields increased with site and planting density, but the effect of density was small on poor sites. Yield increased with age for all planting densities on sites 40 and 50. For planting densities of 1,000 to 2,500 trees per acre on sites 60 and 70, yield culminated at 30 to 35 years. In effect, the

loss of volume from mortality began to exceed both total and merchantable growth on the remaining trees.

Mean annual increment.—For total volume, mean annual increment culminated for all sites and planting densities. Age at culmination decreased from 25 years on poor sites to about 19 years on the best sites, regardless of planting density. Increment at culmination increased with planting density up to 2,000 trees per acre on all sites.

Merchantable-volume increment culminated on all sites at all planting densities. However, the culmination occurred at older ages than for total-volume, e.g., age 35 to 40 for site 40 and age 20 to 23 for site 70.

SI 40

500 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
								2 inches		3 inches		4 inches	
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft					Ft 3			
10	21	1	2	.0	5	0	0						
		2	19	.4	12	3	2						
		3	62	3.0	15	24	17						
		4	120	10.5	17	92	67						
		5	139	19.0	19	185	134	185	120	159	98	92	47
		6	88	17.3	20	176	128	175	121	157	107	116	75
		7	25	6.7	21	71	52	70	50	65	47	53	38
		8	3	1.0	21	11	8	11	8	10	8	9	7
			458	57.9		562	408	441	299	391	260	270	167
			MEAN DIA. 4.8 INCHES, WEIBULL PARAMETERS A= .0, B= 5.10, C= 4.27										
15	29	1	1	.0	5	0	0						
		2	6	.1	14	1	1						
		3	27	1.3	19	13	10						
		4	66	5.8	23	68	49						
		5	111	15.1	25	193	140	193	130	171	113	118	73
		6	125	24.5	27	337	244	330	237	306	218	248	174
		7	88	23.5	28	334	242	324	239	308	227	268	196
		8	34	11.9	29	174	127	168	127	162	122	148	110
		9	6	2.7	30	40	29	39	29	38	29	35	27
			464	84.9		1160	842	1054	762	985	709	817	580
			MEAN DIA. 5.8 INCHES, WEIBULL PARAMETERS A= .3, B= 5.83, C= 4.27										
20	35	2	2	.0	15	0	0						
		3	14	.7	22	8	6						
		4	41	3.6	26	48	35						
		5	82	11.2	29	165	120	164	113	148	101	109	71
		6	117	23.0	31	361	262	353	256	331	239	277	198
		7	112	29.9	33	500	363	485	361	464	346	415	308
		8	67	23.4	34	402	292	388	292	376	285	348	263
		9	22	9.7	35	172	125	165	125	162	124	153	117
		10	4	2.2	36	40	29	38	29	37	29	36	28
			461	103.7		1696	1232	1593	1176	1518	1124	1338	985
			MEAN DIA. 6.4 INCHES, WEIBULL PARAMETERS A= .7, B= 6.09, C= 4.27										
25	40	2	1	.0	15	0	0						
		3	8	.4	23	5	3						
		4	27	2.4	28	34	24						
		5	60	8.2	32	133	97	132	92	120	83	92	62
		6	99	19.4	34	335	243	327	239	308	224	263	190
		7	113	30.2	36	550	400	532	399	512	383	463	345
		8	69	31.1	38	597	434	575	434	559	426	523	397
		9	42	18.6	39	365	266	351	266	344	264	328	252
		10	11	6.0	40	121	88	116	88	114	88	111	85
		11	1	.7	41	14	10	13	10	13	10	13	10
			451	116.9		2154	1565	2046	1528	1970	1478	1793	1341
			MEAN DIA. 6.9 INCHES, WEIBULL PARAMETERS A= 1.0, B= 6.26, C= 4.27										

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem	5-inch class and greater to o.b. tops of—						
							2 inches		3 inches		4 inches		
Yrs	Ft	In	No.	Ft 2	Ft		O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	Ft 3
30	44	3	4	.2	24	2	2						
		4	17	1.5	30	25	17						
		5	44	6.0	34	104	75	102	72	94	66	73	50
		6	80	15.7	37	295	214	287	211	272	199	235	172
		7	108	28.9	40	584	424	564	424	545	410	498	375
		8	98	34.2	42	726	528	698	528	682	521	642	490
		9	59	26.1	43	566	411	543	411	534	411	512	394
		10	21	11.5	44	254	185	244	185	241	185	233	181
		11	4	2.6	46	61	45	59	45	58	45	57	44
			435	126.6		2615	1901	2497	1876	2426	1837	2250	1706
						MEAN DIA. 7.3 INCHES, WEIBULL PARAMETERS A= 1.3, B= 6.42, C= 4.26							
35	48	3	2	.1	24	1	1						
		4	11	1.0	30	15	11						
		5	32	4.4	35	78	56	76	54	70	49	55	38
		6	63	12.4	39	244	178	238	176	226	166	197	145
		7	92	24.6	41	510	371	492	371	476	359	437	329
		8	99	34.6	44	768	558	738	558	722	553	683	522
		9	72	31.8	45	722	525	693	525	682	525	655	505
		10	33	18.0	47	427	310	409	310	404	310	393	305
		11	9	5.9	48	144	105	137	105	136	105	134	104
		12	1	.8	49	19	14	19	14	18	14	18	14
			414	133.5		2928	2129	2802	2113	2734	2081	2572	1962
						MEAN DIA. 7.7 INCHES, WEIBULL PARAMETERS A= 1.5, B= 6.58, C= 4.25							
40	51	3	1	.0	24	1	0						
		4	8	.7	31	11	8						
		5	23	3.1	36	57	42	56	40	52	37	41	28
		6	48	9.4	40	191	139	185	137	177	130	155	114
		7	77	20.6	44	458	333	442	333	428	324	396	299
		8	92	32.1	46	746	542	717	542	702	538	666	510
		9	78	34.5	48	835	607	800	607	789	607	761	587
		10	44	24.0	50	605	440	579	440	573	440	559	434
		11	15	9.9	51	255	185	243	185	242	185	237	185
		12	3	2.4	52	62	45	59	45	59	45	58	45
			389	136.7		3221	2341	3081	2329	3022	2306	2873	2202
						MEAN DIA. 8.0 INCHES, WEIBULL PARAMETERS A= 1.7, B= 6.76, C= 4.25							

SI 40

750 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—			
						O. b.	I. b.	2 inches	3 inches	4 inches	
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3					
10	21	1	7	.0	7	0	0				
		2	54	1.2	14	10	7				
		3	162	8.0	17	72	51				
		4	239	20.9	18	195	140				
		5	155	21.1	20	216	157	216	142	187	118
											113
		6	33	6.5	20	66	48	65	45	59	40
		7	2	.5	21	6	4	6	4	5	4
											43
											28
			652	58.2		565	407	287	191	251	162
											160
											92
MEAN DIA. 4.0 INCHES, WEIBULL PARAMETERS A= .0, B= 4.28, C= 4.32											
15	29	1	1	.0	7	0	0				
		2	16	.3	16	3	2				
		3	64	3.1	21	35	25				
		4	147	12.8	24	158	115				
		5	201	27.4	26	364	264	362	246	322	216
											226
		6	153	30.0	28	427	310	419	301	389	278
		7	54	14.4	29	212	154	206	152	196	145
		8	7	2.4	30	37	27	36	27	35	26
											32
											24
			643	90.6		1236	897	1023	726	942	665
											748
											517
MEAN DIA. 5.1 INCHES, WEIBULL PARAMETERS A= .3, B= 5.07, C= 4.32											
20	35	2	5	.1	17	1	1				
		3	30	1.5	23	18	13				
		4	88	7.7	28	110	80				
		5	160	21.8	30	333	242	330	229	298	205
		6	183	35.9	32	583	424	570	414	535	387
											451
		7	117	31.3	34	538	391	521	389	500	373
		8	36	12.6	35	222	162	214	162	208	158
		9	4	1.8	36	32	23	31	23	30	23
											29
			623	112.6		1837	1336	1666	1217	1571	1146
											1344
											971
MEAN DIA. 5.8 INCHES, WEIBULL PARAMETERS A= .7, B= 5.38, C= 4.31											
25	40	2	2	.0	17	0	0				
		3	15	.7	25	10	7				
		4	54	4.7	30	72	52				
		5	116	15.8	33	266	193	262	184	239	167
		6	165	32.4	36	591	429	576	423	544	399
											470
		7	148	39.6	38	760	553	735	553	708	532
		8	74	25.8	39	509	370	490	370	477	364
		9	17	7.5	40	152	110	146	110	143	110
		10	2	1.1	41	23	16	22	16	21	16
											21
			593	127.7		2383	1730	2231	1656	2132	1568
											1411
MEAN DIA. 6.3 INCHES, WEIBULL PARAMETERS A= 1.0, B= 5.60, C= 4.31											

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
								2 inches		3 inches		4 inches	
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	-----	-----	-----	-----	Ft 3	-----	-----	-----
30	44	2	1	.0	17	0	0						
		3	8	.4	25	5	4						
		4	33	2.9	31	46	33						
		5	82	11.2	36	205	148	201	143	185	131	147	101
		6	136	26.7	39	528	383	513	379	487	359	426	313
		7	152	40.6	41	842	612	813	612	786	593	721	543
		8	102	35.6	43	773	562	744	562	727	556	686	524
		9	37	16.3	44	363	264	348	264	343	264	329	253
		10	6	3.3	46	76	55	73	55	72	55	70	54
						-----	-----	-----	-----	-----	-----	-----	-----
			557	137.0		2838	2061	2692	2015	2600	1958	2379	1788
			MEAN DIA. 6.7 INCHES, WEIBULL PARAMETERS A= 1.3, B= 5.80, C= 4.30										
35	48	3	4	.2	25	3	2						
		4	21	1.8	32	30	22						
		5	56	7.6	37	144	104	141	101	130	92	104	72
		6	105	20.6	40	418	303	406	300	386	285	339	249
		7	136	36.3	43	790	574	762	574	739	558	681	514
		8	117	40.8	45	928	675	892	675	873	669	827	633
		9	59	26.1	47	618	450	593	450	584	450	563	434
		10	16	8.7	48	211	154	202	154	200	154	195	151
		11	2	1.3	49	33	24	31	24	31	24	30	24
						-----	-----	-----	-----	-----	-----	-----	-----
			516	143.6		3175	2308	3027	2278	2943	2232	2739	2077
			MEAN DIA. 7.1 INCHES, WEIBULL PARAMETERS A= 1.5, B= 6.00, C= 4.29										
40	51	3	2	.1	26	1	1						
		4	13	1.1	33	19	14						
		5	38	5.2	38	100	73	98	70	91	64	73	51
		6	78	15.3	42	326	237	316	235	302	224	267	197
		7	114	30.5	45	693	504	668	504	648	491	601	454
		8	117	40.8	47	969	705	931	705	912	700	867	664
		9	76	33.6	49	830	604	796	604	784	604	758	585
		10	29	15.8	51	407	296	389	296	386	296	376	292
		11	6	4.0	52	104	76	99	76	99	76	97	76
						-----	-----	-----	-----	-----	-----	-----	-----
			473	146.4		3449	2510	3297	2490	3222	2455	3039	2319
			MEAN DIA. 7.5 INCHES, WEIBULL PARAMETERS A= 1.7, B= 6.22, C= 4.28										

SI 40

1,000 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
						O. b.	I. b.	2 inches		3 inches		4 inches	
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3							
10	21	1	15	.1	8	1	0						
		2	111	2.4	15	21	15						
		3	298	14.6	18	140	100						
		4	312	27.2	19	268	193						
		5	96	13.1	20	134	97	134	88	116	73	70	38
		6	5	1.0	21	10	8	10	7	9	6	7	5
			837	58.4		574	413	144	95	125	79	77	43
			MEAN DIA. 3.6 INCHES, WEIBULL PARAMETERS A= .0, B= 3.79, C= 4.35										
15	29	1	2	.0	8	0	0						
		2	29	.6	17	6	4						
		3	116	5.7	22	66	47						
		4	243	21.2	25	273	197						
		5	268	36.5	26	485	351	483	328	429	287	302	190
		6	130	25.5	28	363	263	356	256	331	236	270	190
		7	21	5.6	29	82	60	80	59	76	56	67	49
		8	1	.3	30	5	4	5	4	5	4	5	3
			810	95.6		1280	926	924	647	841	583	644	432
			MEAN DIA. 4.7 INCHES, WEIBULL PARAMETERS A= .3, B= 4.61, C= 4.35										
20	35	2	9	.2	18	2	1						
		3	52	2.6	24	32	23						
		4	146	12.7	28	183	132						
		5	240	32.7	31	516	375	511	356	463	320	350	234
		6	217	42.6	33	713	518	696	508	654	476	555	400
		7	92	24.6	34	423	307	410	306	393	293	353	262
		8	14	4.9	35	86	63	83	63	81	61	75	57
		9	1	.4	36	8	6	8	6	8	6	7	5
			771	120.7		1963	1425	1708	1239	1599	1156	1340	958
			MEAN DIA. 5.4 INCHES, WEIBULL PARAMETERS A= .7, B= 4.95, C= 4.34										
25	40	2	3	.1	18	1	0						
		3	25	1.2	26	17	12						
		4	87	7.6	31	121	87						
		5	178	24.3	34	420	305	414	292	379	265	295	201
		6	222	43.6	37	817	594	795	586	754	553	653	477
		7	152	40.6	39	801	582	774	582	747	562	682	512
		8	48	16.8	40	339	246	326	246	318	242	298	227
		9	6	2.7	41	55	40	53	40	52	40	49	38
			721	136.8		2571	1866	2362	1746	2250	1662	1977	1455
			MEAN DIA. 5.9 INCHES, WEIBULL PARAMETERS A= 1.0, B= 5.20, C= 4.34										

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—			
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3					
30	44	2	1	.0	18	0	0				
		3	12	.6	26	8	6				
		4	52	4.5	32	74	54				
		5	123	16.8	36	307	223	302	214	278	196
		6	188	36.9	39	729	530	709	524	674	497
		7	177	47.3	41	981	713	947	713	916	691
		8	89	31.1	43	675	491	649	491	634	485
		9	20	8.8	44	196	143	188	143	185	143
		10	2	1.1	46	25	.18	24	18	24	18
			664	147.1		2995	2178	2819	2103	2711	2030
											2449 1828
						MEAN DIA. 6.4 INCHES, WEIBULL PARAMETERS A= 1.3, B= 5.42, C= 4.32					
35	48	3	6	.3	27	4	3				
		4	31	2.7	33	46	33				
		5	83	11.3	38	218	159	215	153	198	141
		6	147	28.9	41	599	435	582	432	555	410
		7	169	45.2	44	1005	730	969	730	939	711
		8	118	41.2	46	957	696	920	696	900	690
		9	43	19.0	48	460	335	441	335	435	335
		10	7	3.8	49	94	69	90	69	89	69
			604	152.4		3383	2460	3217	2415	3116	2356
											2877 2173
						MEAN DIA. 6.8 INCHES, WEIBULL PARAMETERS A= 1.5, B= 5.64, C= 4.31					
40	51	3	3	.1	26	2	1				
		4	18	1.6	33	27	19				
		5	54	7.4	38	142	103	140	100	129	92
		6	107	21.0	42	447	325	434	322	414	307
		7	146	39.0	45	888	645	856	645	830	629
		8	129	45.0	48	1091	794	1048	794	1028	789
		9	67	29.6	50	747	543	716	543	706	543
		10	18	9.8	51	253	184	242	184	239	184
		11	2	1.3	52	35	25	33	25	33	25
			544	154.9		3632	2639	3469	2613	3379	2569
											3165 2407
						MEAN DIA. 7.2 INCHES, WEIBULL PARAMETERS A= 1.7, B= 5.89, C= 4.30					

SI 40

1,250 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3							
10	21	1	27	.1	9	1	1						
		2	197	4.3	16	39	28						
		3	449	22.0	18	210	151						
		4	305	26.6	20	275	199						
		5	38	5.2	21	56	40	56	37	48	31	30	17
			1016	58.5		581	419	56	37	48	31	30	17
			MEAN DIA. 3.2 INCHES, WEIBULL PARAMETERS A= .0, B= 3.44, C= 4.38										
15	29	1	4	.0	9	0	0						
		2	47	1.0	18	10	7						
		3	183	9.0	23	108	78						
		4	345	30.1	26	402	291						
		5	296	40.4	27	556	403	552	378	494	333	353	226
		6	89	17.5	29	257	187	252	182	235	168	194	137
		7	6	1.6	30	24	18	24	18	23	17	20	15
			970	99.6		1357	984	828	578	752	518	567	378
			MEAN DIA. 4.3 INCHES, WEIBULL PARAMETERS A= .3, B= 4.28, C= 4.38										
20	35	2	14	.3	19	3	2						
		3	79	3.9	25	51	36						
		4	215	18.8	29	279	202						
		5	313	42.7	32	695	504	686	481	625	433	478	321
		6	222	43.6	34	751	546	733	536	691	503	589	426
		7	61	16.3	35	289	210	280	209	268	201	242	180
		8	5	1.7	36	32	23	31	23	30	23	28	21
			909	127.3		2100	1523	1730	1249	1614	1160	1337	946
			MEAN DIA. 5.1 INCHES, WEIBULL PARAMETERS A= .7, B= 4.64, C= 4.37										
25	40	2	4	.1	19	1	1						
		3	37	1.8	27	26	18						
		4	125	10.9	31	173	125						
		5	242	33.0	35	587	426	578	409	531	373	418	287
		6	262	51.4	37	965	701	939	691	889	653	771	562
		7	138	36.9	39	727	529	703	529	678	510	619	464
		8	28	9.8	40	198	144	190	144	185	141	174	133
		9	2	.9	41	18	13	18	13	17	13	16	13
			838	144.8		2695	1957	2428	1786	2300	1690	1998	1459
			MEAN DIA. 5.6 INCHES, WEIBULL PARAMETERS A= 1.0, B= 4.91, C= 4.36										

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3							
30	44	2	1	.0	19	0	0						
		3	18	.9	28	13	9						
		4	72	6.3	33	106	77						
		5	168	22.9	37	431	313	423	302	391	276	312	217
		6	236	46.3	40	939	682	912	675	868	641	762	560
		7	186	49.7	42	1056	767	1019	767	986	745	907	684
		8	70	24.4	44	543	395	522	395	510	391	483	369
		9	10	4.4	46	103	75	98	75	97	75	93	72
		—	—	—	—	—	—	—	—	—	—	—	—
		761	155.0	—	3191	2318	2974	2214	2852	2128	2557	1902	
		MEAN DIA. 6.1 INCHES, WEIBULL PARAMETERS A= 1.3, B= 5.15, C= 4.34											
35	48	3	8	.4	27	6	4						
		4	42	3.7	34	64	46						
		5	111	15.1	38	292	212	287	205	265	188	214	149
		6	186	36.5	42	777	564	754	560	719	533	637	470
		7	194	51.8	44	1153	838	1112	838	1078	816	997	753
		8	110	38.4	46	892	649	857	649	839	643	796	610
		9	29	12.8	48	310	226	297	226	293	226	283	218
		10	3	1.6	49	40	29	39	29	38	29	37	29
		—	—	—	—	—	—	—	—	—	—	—	—
		683	160.4	—	3534	2568	3346	2507	3232	2435	2964	2229	
		MEAN DIA. 6.6 INCHES, WEIBULL PARAMETERS A= 1.5, B= 5.39, C= 4.33											
40	51	3	4	.2	27	3	2						
		4	24	2.1	34	36	26						
		5	71	9.7	39	192	139	188	135	174	124	141	99
		6	136	26.7	42	568	413	551	409	526	390	465	343
		7	171	45.7	45	1039	756	1002	756	973	737	901	681
		8	133	46.4	48	1125	818	1081	818	1059	813	1008	773
		9	55	24.3	50	613	446	587	446	579	446	560	433
		10	10	5.5	51	140	102	134	102	133	102	130	101
		11	1	.7	52	17	13	17	13	16	13	16	13
		—	—	—	—	—	—	—	—	—	—	—	—
		605	161.2	—	3733	2715	3560	2679	3460	2625	3221	2443	
		MEAN DIA. 7.0 INCHES, WEIBULL PARAMETERS A= 1.7, B= 5.65, C= 4.31											

SI 40

1,500 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem	5-inch class and greater to o.b. tops of—					
							2 inches		3 inches		4 inches	
Yrs	Ft	In	No.	Ft 2	Ft		O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
10	21	1	44	.2	10	2	1					
		2	316	6.9	16	63	44					
		3	587	28.8	19	290	208					
		4	234	20.4	20	211	152					
		5	10	1.4	21	15	11	15	10	13	8	4
			1191	57.7		581	416	15	10	13	8	4
		MEAN DIA. 3.0 INCHES, WEIBULL PARAMETERS A= .0, B= 3.15, C= 4.41										
15	29	1	5	.0	10	0	0					
		2	70	1.5	19	16	11					
		3	266	13.1	23	157	113					
		4	445	38.8	26	519	375					
		5	286	39.0	27	537	389	534	365	477	322	341
			1123	102.5		1378	996	680	470	613	420	453
		MEAN DIA. 4.1 INCHES, WEIBULL PARAMETERS A= .3, B= 4.02, C= 4.40										
20	35	1	1	.0	9	0	0					
		2	19	.4	20	5	3					
		3	112	5.5	26	75	54					
		4	291	25.4	29	378	273					
		5	377	51.4	32	837	607	827	579	753	522	575
			1041	132.7		2161	1566	1670	1199	1551	1107	1264
		MEAN DIA. 4.8 INCHES, WEIBULL PARAMETERS A= .7, B= 4.39, C= 4.39										
25	40	2	6	.1	20	1	1					
		3	50	2.5	28	36	26					
		4	168	14.7	32	240	174					
		5	307	41.9	36	766	556	753	535	694	489	550
		6	287	56.4	38	1085	788	1055	778	1001	737	872
			948	151.4		2858	2076	2513	1844	2377	1741	2049
		MEAN DIA. 5.4 INCHES, WEIBULL PARAMETERS A= 1.0, B= 4.68, C= 4.38										

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
								2 inches		3 inches		4 inches	
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft			Ft 3					

30	44	2	2	.0	19	0	0						
		3	23	1.1	28	16	12						
		4	95	8.3	34	144	104						
		5	214	29.2	37	549	398	539	384	498	352	398	276
		6	275	54.0	40	1094	795	1063	787	1011	747	888	653
		7	185	49.4	43	1075	781	1037	781	1005	760	926	699
		8	52	18.2	44	403	293	388	293	379	290	359	274
		9	5	2.2	46	51	37	49	37	48	37	47	36
			851	162.4		3332	2420	3076	2282	2941	2186	2618	1938

MEAN DIA. 5.9 INCHES, WEIBULL PARAMETERS A= 1.3, B= 4.93, C= 4.36

35	48	2	1	.0	18	0	0						
		3	11	.5	28	8	6						
		4	53	4.6	34	80	58						
		5	139	19.0	38	366	266	359	257	332	236	268	187
		6	224	44.0	42	935	680	908	674	866	642	767	566
		7	208	55.6	44	1236	899	1193	899	1156	875	1069	807
		8	98	34.2	46	795	578	764	578	748	573	709	543
		9	19	8.4	48	203	148	195	148	192	148	185	143
		10	1	.5	49	13	10	13	10	13	10	12	10
			754	166.9		3636	2645	3432	2566	3307	2484	3010	2256

MEAN DIA. 6.4 INCHES, WEIBULL PARAMETERS A= 1.5, B= 5.19, C= 4.34

40	51	3	5	.2	28	4	3						
		4	30	2.6	35	47	34						
		5	87	11.9	40	241	175	236	170	219	157	179	126
		6	163	32.0	44	713	518	691	515	661	492	589	436
		7	193	51.6	47	1225	891	1181	891	1147	871	1067	809
		8	132	46.1	49	1140	829	1095	829	1074	825	1023	785
		9	45	19.9	51	512	372	490	372	484	372	468	362
		10	6	3.3	52	86	62	82	62	81	62	79	62
			661	167.5		3968	2884	3775	2839	3666	2779	3405	2580

MEAN DIA. 6.8 INCHES, WEIBULL PARAMETERS A= 1.7, B= 5.46, C= 4.33

SI 40

1,750 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
								2 inches		3 inches		4 inches	
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft	Ft	—	—	—	—	—	—	—	—
10	21	1	70	.4	10	4	2						
		2	472	10.3	16	94	66						
		3	377	33.2	19	334	239						
		4	142	12.4	20	128	93						
		5	1	.1	21	1	1	1	1	1	1	1	0
			—	—	—	—	—	—	—	—	—	—	—
			1362	56.4	561	401	1	1	1	1	1	1	0
			MEAN DIA. 2.8 INCHES, WEIBULL PARAMETERS A= .0, B= 2.91, C= 4.43										
15	29	1	7	.0	10	0	0						
		2	99	2.2	19	23	16						
		3	364	17.9	24	225	161						
		4	530	46.3	27	641	464						
		5	248	33.8	28	483	350	479	330	430	292	312	202
		6	24	4.7	30	72	52	70	51	66	47	55	39
			—	—	—	—	—	—	—	—	—	—	—
			1272	104.8	1444	1043	549	381	496	339	367	241	
			MEAN DIA. 3.9 INCHES, WEIBULL PARAMETERS A= .3, B= 3.80, C= 4.42										
20	35	1	1	.0	9	0	0						
		2	26	.6	21	7	5						
		3	152	7.5	27	105	76						
		4	374	32.6	50	502	363						
		5	422	57.5	33	966	701	953	670	870	606	672	455
		6	174	34.2	35	606	440	591	433	558	408	479	347
		7	18	4.8	36	88	64	85	64	82	61	74	55
			—	—	—	—	—	—	—	—	—	—	—
			1167	137.2	2274	1649	1629	1167	1510	1075	1225	857	
			MEAN DIA. 4.6 INCHES, WEIBULL PARAMETERS A= .7, B= 4.19, C= 4.41										
25	40	2	8	.2	20	2	1						
		3	66	3.2	28	47	34						
		4	216	18.8	33	318	231						
		5	367	50.0	36	916	665	901	640	829	585	658	454
		6	298	58.5	38	1127	818	1096	808	1040	765	906	662
		7	90	24.1	40	487	354	470	354	454	342	415	312
		8	7	2.4	41	51	37	49	37	48	36	45	34
			—	—	—	—	—	—	—	—	—	—	—
			1052	157.3	2948	2140	2516	1839	2371	1728	2024	1462	
			MEAN DIA. 5.2 INCHES, WEIBULL PARAMETERS A= 1.0, B= 4.49, C= 4.39										

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—							
						O. b.	I. b.	2 inches		3 inches		4 inches			
	Yrs	Ft	In	No.	Ft 2	Ft	Ft 3								
30	44	2	2	.0	20	0									
		3	29	1.4	28	21	15								
		4	120	10.5	34	182	132								
		5	260	35.5	38	684	497	672	480	622	441	501	349		
		6	310	60.9	40	1233	896	1198	887	1140	842	1001	736		
		7	175	46.8	43	1017	739	981	739	950	719	876	661		
		8	37	12.9	44	287	209	276	209	270	207	255	195		
		9	2	.9	46	21	15	20	15	19	15	19	14		
				935	168.8	3445	2503	3147	2330	3001	2224	2652	1955		
		MEAN DIA. 5.8 INCHES, WEIBULL PARAMETERS A= 1.3, B= 4.76, C= 4.37													
35	48	2	1	.0	19	0	0								
		3	13	.6	29	10	7								
		4	66	5.8	35	103	75								
		5	169	23.0	40	468	340	459	330	426	304	348	245		
		6	258	50.7	43	1103	801	1070	796	1022	759	908	671		
		7	217	58.0	46	1348	980	1300	980	1262	957	1172	887		
		8	85	29.7	48	719	523	691	523	677	520	644	494		
		9	12	5.3	49	131	95	126	95	124	95	120	92		
				821	173.1	3882	2821	3646	2724	3511	2635	3192	2389		
		MEAN DIA. 6.2 INCHES, WEIBULL PARAMETERS A= 1.5, B= 5.03, C= 4.36													
40	51	3	6	.3	28	4	3								
		4	36	3.1	35	56	41								
		5	104	14.2	40	288	209	282	203	262	187	214	151		
		6	189	37.1	44	827	601	801	597	767	570	683	506		
		7	209	55.9	47	1327	965	1279	965	1243	943	1156	876		
		8	128	44.7	49	1105	804	1062	804	1041	800	992	761		
		9	36	15.9	51	409	298	392	298	387	298	374	289		
		10	4	2.2	52	57	42	55	42	54	42	53	41		
				712	173.3	4073	2963	3871	2909	3754	2840	3472	2624		
		MEAN DIA. 6.7 INCHES, WEIBULL PARAMETERS A= 1.7, B= 5.31, C= 4.34													

SI 40

2,000 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem	5-inch class and greater to o.b. tops of—					
							2 inches		3 inches		4 inches	
Yrs	Ft	In	No.	Ft 2	Ft		O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
10	21	1	108	.6	10	6	3					
		2	668	14.6	17	141	99					
		3	689	33.8	19	340	244					
		4	65	5.7	21	62	44					
			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
			1530	54.7	549	390	0	0	0	0	0	0
MEAN DIA. 2.6 INCHES, WEIBULL PARAMETERS A= .0, B= 2.70, C= 4.44												
15	29	1	10	.1	10	1	0					
		2	136	3.0	20	33	23					
		3	477	23.4	24	294	212					
		4	591	51.6	27	715	517					
		5	193	26.3	28	376	272	373	257	335	227	243
		6	9	1.8	30	27	20	26	19	25	18	20
			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
			1416	106.1	1446	1044	399	276	360	245	263	172
MEAN DIA. 3.7 INCHES, WEIBULL PARAMETERS A= .3, B= 3.60, C= 4.43												
20	35	1	1	.0	10	0	0					
		2	35	.8	21	9	6					
		3	198	9.7	27	137	99					
		4	461	40.2	31	639	463					
		5	448	61.1	33	1026	744	1012	711	924	644	713
		6	137	26.9	35	477	347	465	341	439	321	377
		7	8	2.1	36	39	28	38	28	36	27	33
			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
			1288	140.8	2327	1687	1515	1080	1399	992	1123	780
MEAN DIA. 4.5 INCHES, WEIBULL PARAMETERS A= .7, B= 4.02, C= 4.42												
25	40	2	10	.2	21	3	2					
		3	83	4.1	28	59	43					
		4	268	23.4	33	395	286					
		5	426	58.1	36	1063	771	1045	743	962	679	763
		6	295	57.9	38	1115	810	1085	800	1029	757	896
		7	67	17.9	40	362	263	350	263	338	255	309
		8	3	1.0	41	22	16	21	16	20	16	19
			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
			1152	162.6	3019	2191	2501	1822	2349	1707	1987	1430
MEAN DIA. 5.1 INCHES, WEIBULL PARAMETERS A= 1.0, B= 4.33, C= 4.40												

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
								2 inches		3 inches		4 inches	
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	-----	-----	-----	-----	Ft 3	-----	-----	-----
30	44	2	3	.1	20	1	1						
		3	36	1.8	28	26	19						
		4	147	12.8	34	223	162						
		5	307	41.9	38	808	587	793	567	734	521	591	412
		6	336	66.0	41	1370	995	1330	986	1268	938	1118	823
		7	160	42.8	43	930	676	897	676	869	657	801	605
		8	25	8.7	44	194	141	186	141	182	140	172	132
		9	1	.4	46	10	7	10	7	10	7	9	7
		1015	174.4			3562	2588	3216	2377	3063	2263	2691	1979
MEAN DIA. 5.6 INCHES, WEIBULL PARAMETERS A= 1.3, B= 4.61, C= 4.39													
35	48	2	1	.0	19	0	0						
		3	16	.8	29	12	9						
		4	79	6.9	35	123	89						
		5	199	27.1	40	551	400	540	388	502	358	410	288
		6	288	56.5	43	1231	895	1194	888	1141	847	1013	749
		7	220	58.8	46	1367	994	1318	994	1280	971	1188	899
		8	72	25.1	48	609	443	585	443	574	440	546	418
		9	8	3.5	49	87	64	84	64	83	64	80	62
		883	178.8			3980	2894	3721	2777	3580	2680	3237	2416
MEAN DIA. 6.1 INCHES, WEIBULL PARAMETERS A= 1.5, B= 4.89, C= 4.37													
40	51	3	7	.3	28	5	4						
		4	42	3.7	35	66	48						
		5	122	16.6	40	338	245	331	238	308	220	251	177
		6	214	42.0	44	936	680	907	676	868	646	773	573
		7	223	59.6	47	1416	1029	1364	1029	1326	1007	1233	935
		8	121	42.2	49	1045	760	1004	760	984	756	938	719
		9	28	12.4	51	318	232	305	232	301	232	291	225
		10	2	1.1	52	29	21	27	21	27	21	26	21
		759	178.0			4153	3019	3938	2956	3814	2882	3512	2650
MEAN DIA. 6.6 INCHES, WEIBULL PARAMETERS A= 1.7, B= 5.18, C= 4.35													

SI 40

2,250 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
								2 inches		3 inches		4 inches	
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	-----	-----	-----	-----	-----	-----	-----	-----
10	21	1	162	.9	10	8	5						
		2	897	19.6	16	179	125						
		3	615	30.2	19	303	217						
		4	21	1.8	21	20	14						
		---	---	---	---	---	---	0	0	0	0	0	0
			1695	52.5		510	361						
MEAN DIA. 2.4 INCHES, WEIBULL PARAMETERS A= .0, B= 2.51, C= 4.46													
15	29	1	14	.1	11	1	0						
		2	183	4.0	20	45	31						
		3	604	29.6	24	373	268						
		4	619	54.0	27	749	542						
		5	134	18.3	28	261	189	259	178	232	158	169	109
		6	3	.6	30	9	7	9	6	8	6	7	5
		---	---	---	---	---	---	---	---	---	---	---	---
			1557	106.6		1438	1037	268	184	240	164	176	114
MEAN DIA. 3.5 INCHES, WEIBULL PARAMETERS A= .3, B= 3.43, C= 4.45													
20	35	1	1	.0	10	0	0						
		2	45	1.0	21	11	8						
		3	251	12.3	27	173	125						
		4	550	48.0	31	762	552						
		5	455	62.0	33	1042	756	1027	722	938	654	724	491
		6	100	19.6	35	348	253	339	249	321	234	275	199
		7	3	.8	36	15	11	14	11	14	10	12	9
		---	---	---	---	---	---	---	---	---	---	---	---
			1405	143.8		2351	1705	1380	982	1273	898	1011	699
MEAN DIA. 4.3 INCHES, WEIBULL PARAMETERS A= .7, B= 3.86, C= 4.43													
25	40	2	12	.3	21	3	2						
		3	103	5.1	28	74	53						
		4	325	28.4	33	479	347						
		5	478	65.2	36	1193	866	1173	833	1080	761	857	591
		6	281	55.2	38	1062	772	1033	762	980	721	854	624
		7	47	12.6	40	254	185	245	185	237	179	217	163
		8	1	.3	41	7	5	7	5	7	5	6	5
		---	---	---	---	---	---	---	---	---	---	---	---
			1247	166.9		3072	2230	2458	1785	2304	1666	1934	1383
MEAN DIA. 5.0 INCHES, WEIBULL PARAMETERS A= 1.0, B= 4.19, C= 4.42													

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem	5-inch class and greater to o.b. tops of—					
							2 inches		3 inches		4 inches	
							O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft		Ft 3					
50	44	2	3	.1	21	1	1					
		3	44	2.2	30	34	24					
		4	175	15.3	35	273	198					
		5	355	48.4	39	959	696	941	674	872	621	707
		6	354	69.5	42	1478	1074	1435	1066	1369	1015	1211
		7	142	37.9	44	844	614	814	614	789	598	730
		8	17	5.9	46	138	100	132	100	130	99	123
		1090	179.3			3727	2707	3322	2454	3160	2333	2771
												2034
		MEAN DIA. 5.5 INCHES, WEIBULL PARAMETERS A= 1.3, B= 4.48, C= 4.40										
35	48	2	1	.0	20	0	0					
		3	19	.9	29	14	10					
		4	93	8.1	36	149	108					
		5	229	31.2	40	634	460	622	447	578	412	471
		6	316	62.0	43	1351	982	1310	975	1252	930	1112
		7	218	58.3	46	1355	985	1306	985	1268	962	1177
		8	60	20.9	48	508	369	488	369	478	367	455
		9	5	2.2	49	55	40	52	40	52	40	50
		941	185.8			4066	2954	3778	2816	3628	2711	3265
												2431
		MEAN DIA. 6.0 INCHES, WEIBULL PARAMETERS A= 1.5, B= 4.77, C= 4.38										
40	51	3	8	.4	28	6	4					
		4	48	4.2	35	75	54					
		5	139	19.0	40	385	279	377	271	351	250	286
		6	238	46.7	44	1041	756	1009	752	965	718	860
		7	234	62.5	47	1485	1080	1432	1080	1391	1056	1294
		8	114	39.8	49	984	716	946	716	927	712	883
		9	22	9.7	51	250	182	240	182	236	182	229
		10	1	.5	52	14	10	14	10	14	10	13
		804	182.9			4240	3081	4018	3011	3884	2928	3565
												2684
		MEAN DIA. 6.5 INCHES, WEIBULL PARAMETERS A= 1.7, B= 5.07, C= 4.35										

SI 40

2,500 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3							
10	21	1	240	1.3	10	12	8						
		2	1142	24.9	16	228	160						
		3	472	23.2	19	233	167						
		4	4	.3	21	4	3						
			1858	49.7		477	338	0	0	0	0	0	0
			MEAN DIA. 2.2 INCHES, WEIBULL PARAMETERS A= .0, B= 2.33, C= 4.47										
15	29	1	18	.1	11	1	1						
		2	241	5.3	20	59	41						
		3	740	36.3	24	456	328						
		4	612	53.4	27	741	536						
		5	83	11.3	28	162	117	160	110	144	98	105	68
		6	1	.2	30	3	2	3	2	3	2	2	2
			1695	106.6		1422	1025	163	112	147	100	107	70
			MEAN DIA. 3.4 INCHES, WEIBULL PARAMETERS A= .3, B= 3.27, C= 4.46										
20	35	1	2	.0	10	0	0						
		2	56	1.2	21	14	10						
		3	312	15.3	27	216	155						
		4	640	55.9	31	687	642						
		5	441	60.1	33	1010	732	996	700	909	634	702	476
		6	68	13.4	35	237	172	231	169	218	159	187	136
		7	1	.3	36	5	4	5	4	5	3	4	3
			1520	146.1		2369	1715	1232	873	1132	796	893	615
			MEAN DIA. 4.2 INCHES, WEIBULL PARAMETERS A= .7, B= 3.72, C= 4.44										
25	40	2	15	.3	21	4	3						
		3	125	6.1	28	89	64						
		4	385	33.6	33	567	411						
		5	523	71.3	36	1305	947	1283	912	1182	833	937	647
		6	259	50.9	38	979	711	952	702	904	665	787	576
		7	31	8.3	40	168	122	162	122	156	118	143	108
		8	1	.3	41	7	5	7	5	7	5	6	5
			1339	170.9		3119	2263	2404	1741	2249	1621	1873	1336
			MEAN DIA. 4.8 INCHES, WEIBULL PARAMETERS A= 1.0, B= 4.06, C= 4.43										

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem	5-inch class and greater to o.b. tops of—					
							O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft		Ft 3					
30	44	2	4	.1	21	1	1					
		3	52	2.6	30	40	29					
		4	206	18.0	35	322	233					
		5	401	54.7	39	1083	786	1063	761	985	701	799
		6	366	71.9	42	1528	1111	1483	1102	1415	1049	1253
		7	123	32.9	44	731	532	705	532	684	518	632
		8	11	3.8	46	89	65	86	65	84	64	80
		—	—	—	—	—	—	—	—	—	—	—
		1163	183.9	3794	2757	3337	2460	3168	2332	2764	2021	
		MEAN DIA. 5.4 INCHES, WEIBULL PARAMETERS A= 1.3, B= 4.37, C= 4.41										
35	48	2	1	.0	20	0	0					
		3	22	1.1	29	16	12					
		4	107	9.3	36	172	124					
		5	260	35.5	40	720	523	706	507	656	468	535
		6	342	67.2	43	1462	1062	1418	1055	1355	1006	1203
		7	213	56.9	46	1323	962	1276	962	1239	940	1150
		8	49	17.1	48	415	301	398	301	390	300	371
		9	3	1.3	49	33	24	31	24	31	24	30
		—	—	—	—	—	—	—	—	—	—	—
		997	188.4	4141	3008	3829	2849	3671	2738	3289	2445	
		MEAN DIA. 5.9 INCHES, WEIBULL PARAMETERS A= 1.5, B= 4.67, C= 4.39										
40	51	3	9	.4	29	7	5					
		4	55	4.8	36	88	64					
		5	156	21.3	40	432	314	424	304	393	281	321
		6	260	51.1	44	1137	826	1103	821	1055	784	940
		7	241	64.4	47	1530	1112	1475	1112	1433	1088	1333
		8	106	37.0	49	915	666	879	666	862	662	821
		9	17	7.5	51	193	141	185	141	183	141	177
		10	1	.5	52	14	10	14	10	14	10	13
		—	—	—	—	—	—	—	—	—	—	—
		845	187.0	4316	3138	4080	3054	3940	2966	3605	2709	
		MEAN DIA. 6.4 INCHES, WEIBULL PARAMETERS A= 1.7, B= 4.98, C= 4.36										

SI 50

500 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem	5-inch class and greater to o.b. tops of—							
							2 inches		3 inches		4 inches			
Yrs	Ft	In	No.	Ft	2	Ft	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
10	26	1	1	.0	6	0	0							
		2	18	.2	14	2	1							
		3	38	1.9	19	19	13							
		4	86	7.5	21	81	59							
		5	129	17.6	23	207	150	207	138	181	118	119	71	
		6	121	23.8	24	290	210	286	202	262	184	205	140	
		7	66	17.6	25	224	162	218	159	205	150	175	127	
		8	18	6.3	26	83	60	80	60	77	57	69	51	
		9	2	.9	27	12	9	12	9	11	9	10	8	
		471		75.7		918	664	803	568	736	518	578	397	
		MEAN DIA. 5.4 INCHES, WEIBULL PARAMETERS A= .1, B= 5.63, C= 4.27												
15	36	2	2	.0	17	0	0							
		3	13	.6	23	8	6							
		4	40	3.5	28	50	36							
		5	82	11.2	30	171	124	169	117	153	105	114	76	
		6	119	23.4	33	391	284	382	278	359	261	305	219	
		7	116	31.0	34	533	388	517	386	496	370	445	331	
		8	71	24.8	35	438	319	423	319	410	311	381	288	
		9	24	10.6	36	193	140	185	140	181	139	172	132	
		10	4	2.2	37	41	30	39	30	38	30	37	29	
		471		107.3		1825	1327	1715	1270	1637	1216	1454	1075	
		MEAN DIA. 6.5 INCHES, WEIBULL PARAMETERS A= .8, B= 6.06, C= 4.27												
20	44	3	5	.2	26	3	2							
		4	20	1.7	31	28	20							
		5	51	7.0	35	124	90	122	86	112	79	88	60	
		6	90	17.7	38	340	247	331	244	314	231	273	200	
		7	116	31.0	40	627	456	606	456	585	441	535	402	
		8	100	34.9	42	741	538	712	538	696	532	655	500	
		9	55	24.3	43	527	384	506	384	497	383	477	367	
		10	17	9.3	44	206	150	197	150	195	150	189	146	
		11	2	1.3	45	30	22	29	22	28	22	28	22	
		456		127.4		2626	1909	2503	1880	2427	1838	2245	1697	
		MEAN DIA. 7.2 INCHES, WEIBULL PARAMETERS A= 1.3, B= 6.28, C= 4.27												
25	50	3	2	.1	27	1	1							
		4	10	.9	34	15	11							
		5	31	4.2	38	82	59	80	57	74	53	60	42	
		6	64	12.6	42	267	194	259	193	247	183	219	162	
		7	96	25.7	44	571	415	551	415	534	404	493	373	
		8	105	36.7	46	851	619	818	619	801	614	760	582	
		9	77	34.0	48	824	599	790	599	778	599	751	580	
		10	35	19.1	50	481	350	461	350	456	350	445	345	
		11	9	5.9	51	153	111	146	111	145	111	142	111	
		12	1	.8	52	21	15	20	15	20	15	19	15	
		430		139.9		3266	2374	3125	2359	3055	2329	2889	2210	
		MEAN DIA. 7.7 INCHES, WEIBULL PARAMETERS A= 1.7, B= 6.48, C= 4.26												

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem	5-inch class and greater to o.b. tops of—						
							2 inches		3 inches		4 inches		
Yrs	Ft	In	No.	Ft 2	Ft		O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	Ft 3

30	55	3	1	.0	28	1	1						
		4	5	.4	35	8	6						
		5	18	2.5	41	51	37	50	36	47	33	38	27
		6	42	8.2	45	188	137	182	136	174	130	156	116
		7	72	19.2	48	467	339	450	339	437	332	408	309
		8	93	32.5	51	836	608	802	608	788	606	752	578
		9	86	38.0	53	1016	739	973	739	961	739	931	721
		10	54	29.5	54	802	584	767	584	760	584	744	579
		11	21	13.9	56	391	285	374	285	372	285	366	285
		12	4	3.1	57	90	66	86	66	86	66	85	66
		396		147.3		3850	2802	3684	2793	3625	2775	3480	2681

MEAN DIA. 8.3 INCHES, WEIBULL PARAMETERS A= 2.0, B= 6.70, C= 4.25

35	63	4	3	.3	36	5	3						
		5	10	1.4	42	29	21	28	21	27	19	22	16
		6	27	5.3	47	126	92	122	91	117	88	105	78
		7	50	13.4	50	338	245	325	245	317	241	296	225
		8	73	25.5	53	682	496	654	496	643	495	615	473
		9	81	35.8	55	993	722	951	722	939	722	912	707
		10	64	34.9	57	1033	730	959	730	952	730	933	726
		11	35	23.1	59	687	500	656	500	653	500	644	500
		12	12	9.4	60	285	207	272	207	271	207	269	207
		13	2	1.8	62	58	42	55	42	55	42	55	42
		357		150.8		4206	3058	4022	3054	3974	3044	3851	2974

MEAN DIA. 8.8 INCHES, WEIBULL PARAMETERS A= 2.3, B= 6.98, C= 4.23

40	63	4	1	.1	36	2	1						
		5	6	.8	42	17	13	17	12	16	11	13	9
		6	16	3.1	48	76	55	74	55	71	53	64	48
		7	33	8.8	52	232	168	223	168	217	166	204	155
		8	53	18.5	55	514	374	493	374	485	374	465	358
		9	67	29.6	57	851	619	815	619	806	619	783	607
		10	65	35.5	60	1073	780	1025	780	1018	780	1000	778
		11	46	30.4	61	933	679	892	679	887	679	877	679
		12	22	17.3	63	549	399	524	399	522	399	518	399
		13	7	6.5	64	208	151	198	151	198	151	197	151
		14	1	1.1	66	36	26	34	26	34	26	34	26
		317		151.6		4491	3265	4295	3263	4254	3258	4155	3210

MEAN DIA. 9.4 INCHES, WEIBULL PARAMETERS A= 2.5, B= 7.34, C= 4.22

SI 50

750 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem	5-inch class and greater to o.b. tops of—					
							2 inches		3 inches		4 inches	
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.
Yrs	Ft	In	No.	Ft 2	Ft			Ft 3				
10	26	1	3	.0	8	0	0					
		2	28	.6	16	6	4					
		3	98	4.8	20	51	36					
		4	193	16.8	23	200	144					
		5	211	28.8	24	353	256	352	237	310	204	209
												128
		6	113	22.2	25	282	205	277	197	255	180	202
		7	23	6.1	26	81	59	79	58	75	55	64
		8	1	.3	27	5	3	5	3	4	3	4
												3
				670	79.7	978	707	713	495	644	442	479
						MEAN DIA. 4.7 INCHES, WEIBULL PARAMETERS A= .1, B= 4.83, C= 4.32						318
15	36	2	5	.1	19	1	1					
		3	31	1.5	25	20	14					
		4	92	8.0	29	119	86					
		5	169	23.0	32	375	272	371	260	337	234	258
		6	194	38.1	34	657	477	640	468	603	440	515
												372
		7	122	32.6	35	577	420	559	418	537	401	483
		8	36	12.6	36	229	166	220	166	214	163	199
		9	4	1.8	37	33	24	32	24	31	24	30
						653	117.7	2011	1460	1822	1336	1722
											1262	1485
												1079
						MEAN DIA. 5.7 INCHES, WEIBULL PARAMETERS A= .8, B= 5.31, C= 4.32						
20	44	2	1	.0	20	0	0					
		3	11	.5	28	8	6					
		4	44	3.8	33	65	47					
		5	106	14.5	37	272	197	267	190	246	174	197
		6	165	32.4	39	640	465	622	460	591	436	517
												379
		7	166	44.4	41	920	669	888	669	859	648	788
		8	94	32.8	43	713	518	685	518	670	512	632
		9	26	11.5	44	255	186	245	186	241	186	231
		10	3	1.6	45	37	27	36	27	35	27	34
						616	141.6	2910	2115	2743	2050	2642
												1983
												2399
						MEAN DIA. 6.5 INCHES, WEIBULL PARAMETERS A= 1.3, B= 5.57, C= 4.31						1796
25	50	3	4	.2	29	3	2					
		4	21	1.8	36	34	24					
		5	62	8.5	40	172	125	168	121	156	112	128
		6	120	23.6	43	513	373	498	370	475	353	422
		7	156	41.7	46	969	705	935	705	907	688	842
												638
		8	128	44.7	48	1083	788	1040	788	1020	783	970
		9	60	26.5	49	655	477	628	477	619	477	598
		10	14	7.6	51	196	143	188	143	186	143	182
		11	1	.7	52	17	13	17	13	16	13	16
						566	155.2	3642	2650	3474	2617	3379
												2569
												3158
						MEAN DIA. 7.1 INCHES, WEIBULL PARAMETERS A= 1.7, B= 5.80, C= 4.30						2400

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—						
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3								
30	55	3	1	.0	30	1	1							
		4	10	.9	37	16	12							
		5	35	4.8	43	104	76	102	74	95	69	79	56	
		6	78	15.3	47	364	265	353	264	339	253	304	227	
		7	122	32.6	50	824	599	793	599	772	588	722	549	
		8	132	46.1	52	1209	880	1161	880	1140	878	1090	838	
		9	69	39.3	54	1071	779	1026	779	1013	779	983	761	
		10	34	18.5	56	524	381	501	381	497	381	487	379	
		11	6	4.0	57	114	83	109	83	108	83	107	83	
			507	161.5		4227	3076	4045	3060	3964	3031	3772	2893	
			MEAN DIA. 7.6 INCHES, WEIBULL PARAMETERS A= 2.0, B= 6.04, C= 4.28											
35	60	4	5	.4	38	8	6							
		5	19	2.6	44	58	42	57	41	53	38	44	31	
		6	48	9.4	48	229	166	222	166	213	159	192	143	
		7	86	23.0	52	604	439	581	439	567	432	532	405	
		8	111	38.7	55	1076	782	1032	782	1015	782	974	750	
		9	99	43.7	57	1258	915	1204	915	1190	915	1158	897	
		10	57	31.1	59	925	673	884	673	878	673	861	671	
		11	18	11.9	60	359	261	343	261	341	261	337	261	
		12	3	2.4	62	74	54	70	54	70	54	70	54	
			446	163.2		4591	3338	4393	3331	4327	3314	4168	3212	
			MEAN DIA. 8.2 INCHES, WEIBULL PARAMETERS A= 2.3, B= 6.34, C= 4.27											
40	63	4	2	.2	38	3	2							
		5	10	1.4	44	30	22	30	22	28	20	23	17	
		6	28	5.5	49	136	99	132	99	127	95	115	86	
		7	55	14.7	53	394	286	379	286	369	282	347	265	
		8	82	28.6	56	809	588	776	588	763	588	733	565	
		9	90	39.8	59	1183	861	1133	861	1120	861	1091	846	
		10	70	38.2	61	1174	854	1122	854	1114	854	1095	853	
		11	36	23.8	63	754	549	720	549	717	549	709	549	
		12	11	8.6	64	279	203	266	203	265	203	263	203	
		13	2	1.8	66	61	45	58	45	58	45	58	45	
			386	162.5		4823	3509	4616	3507	4561	3497	4434	3429	
			MEAN DIA. 8.8 INCHES, WEIBULL PARAMETERS A= 2.5, B= 6.70, C= 4.25											

SI 50

1,000 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—									
						O. b.	I. b.	2 inches		3 inches		4 inches					
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3											
10	26	1	6	.0	10	0	0										
		2	54	1.2	17	11	8										
		3	184	9.0	21	100	72										
		4	311	27.1	23	322	232										
		5	238	32.5	25	414	300	413	279	366	243	252	157				
		6	64	12.6	26	166	121	163	116	151	107	121	84				
		7	4	1.1	27	15	11	14	10	13	10	12	9				
			861	83.5		1026	744	590	405	530	360	385	250				
			MEAN DIA. 4.2 INCHES, WEIBULL PARAMETERS A= .1, B= 4.34, C= 4.36														
15	36	2	9	.2	21	2	2										
		3	55	2.7	27	38	27										
		4	160	14.0	31	222	161										
		5	263	35.9	33	602	437	594	418	542	378	419	284				
		6	232	45.6	35	808	587	787	577	744	543	638	463				
		7	92	24.6	36	448	325	433	325	417	312	377	281				
		8	12	4.2	37	78	57	75	57	73	56	68	52				
			823	127.0		2198	1596	1889	1377	1776	1289	1502	1080				
			MEAN DIA. 5.3 INCHES, WEIBULL PARAMETERS A= .8, B= 4.85, C= 4.35														
20	44	2	2	.0	22	1	0										
		3	19	.9	30	15	10										
		4	75	6.5	35	117	85										
		5	171	23.3	38	450	327	442	316	409	290	329	229				
		6	237	46.5	41	966	702	938	696	894	662	788	581				
		7	183	48.9	43	1063	773	1026	773	994	751	916	691				
		8	66	23.0	44	512	372	492	372	481	368	455	348				
		9	9	4.0	45	90	66	87	66	85	66	82	63				
			762	153.3		3214	2335	2985	2223	2863	2137	2570	1912				
			MEAN DIA. 6.1 INCHES, WEIBULL PARAMETERS A= 1.3, B= 5.14, C= 4.34														
25	50	3	6	.3	31	5	3										
		4	35	3.1	37	58	42										
		5	100	13.6	41	284	206	278	200	259	185	212	150				
		6	179	35.1	45	801	582	776	579	743	553	664	493				
		7	201	55.7	47	1276	928	1230	928	1195	907	1111	842				
		8	125	43.6	49	1079	785	1037	785	1017	781	969	743				
		9	37	16.3	50	412	300	395	300	390	300	377	291				
		10	4	2.2	52	57	42	55	42	54	42	53	41				
			687	168.0		3972	2888	3771	2834	3658	2768	3386	2560				
			MEAN DIA. 6.7 INCHES, WEIBULL PARAMETERS A= 1.7, B= 5.38, C= 4.33														

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—						
								2 inches		3 inches		4 inches		
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	
Yrs	Ft	In	No.	Ft 2	Ft							Ft 3		
30	55	3	2	.1	31	2	1							
		4	16	1.4	38	27	20							
		5	55	7.5	43	164	119	160	116	150	108	124	88	
		6	118	23.2	47	551	400	534	399	512	383	460	343	
		7	167	44.6	50	1128	820	1086	820	1057	805	989	752	
		8	151	52.7	52	1384	1006	1328	1006	1304	1004	1247	959	
		9	76	33.6	54	915	665	876	665	865	665	840	650	
		10	18	9.8	56	277	202	265	202	263	202	258	200	
		11	2	1.3	57	38	28	36	28	36	28	36	28	
		605	174.2			4486	3261	4285	3236	4187	3195	3954	3020	
		MEAN DIA. 7.3 INCHES, WEIBULL PARAMETERS A= 2.0, B= 5.64, C= 4.31												
35	60	3	1	.0	31	1	1							
		4	7	.6	39	12	9							
		5	29	4.0	44	88	64	86	63	81	58	67	48	
		6	71	13.9	49	346	251	334	251	322	241	291	217	
		7	120	32.1	52	843	613	811	613	791	603	742	565	
		8	138	48.2	55	1337	973	1283	973	1262	973	1210	932	
		9	103	45.5	57	1308	952	1253	952	1238	952	1204	934	
		10	43	23.5	59	698	508	667	508	662	508	650	506	
		11	9	5.9	60	180	131	172	131	171	131	169	131	
		12	1	.8	62	25	18	23	18	23	18	23	18	
		522	174.5			4838	3520	4629	3509	4550	3484	4356	3351	
		MEAN DIA. 7.8 INCHES, WEIBULL PARAMETERS A= 2.3, B= 5.94, C= 4.29												
40	63	4	3	.3	39	5	4							
		5	14	1.9	46	45	32	43	32	41	30	34	25	
		6	40	7.9	51	203	147	196	147	189	142	171	128	
		7	77	20.6	55	572	416	550	416	537	410	506	386	
		8	107	37.4	58	1093	795	1048	795	1032	795	993	766	
		9	105	46.4	60	1404	1021	1344	1021	1330	1021	1296	1005	
		10	67	36.5	62	1142	831	1092	831	1084	831	1066	831	
		11	25	16.5	64	532	387	508	387	506	387	501	387	
		12	5	3.9	66	131	95	125	95	124	95	124	95	
		443	171.3			5127	3728	4906	3724	4843	3711	4691	3623	
		MEAN DIA. 8.4 INCHES, WEIBULL PARAMETERS A= 2.5, B= 6.31, C= 4.27												

SI 50

1,250 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—							
								2 inches		3 inches		4 inches			
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	-----	-----	Ft 3	-----	-----	-----	-----	-----	-----	-----
10	26	1	10	.1	11	1	0								
		2	92	2.0	18	20	14								
		3	297	14.6	22	169	121								
		4	414	36.1	24	446	323								
		5	207	28.2	26	374	271	373	254	332	222	233	147		
		6	25	4.9	27	67	49	66	47	61	44	50	35		
		---	---	---	---	---	---	---	---	---	---	---	---	---	---
		1045	85.9		1077	778	439	301	393	266	283	182			
		MEAN DIA. 3.9 INCHES, WEIBULL PARAMETERS A= .1, B= 3.98, C= 4.39													
15	36	2	14	.3	22	4	3								
		3	88	4.3	27	61	44								
		4	242	21.1	31	335	243								
		5	350	47.7	33	801	581	790	556	722	503	557	378		
		6	233	45.7	35	812	590	791	580	747	546	641	465		
		7	55	14.7	36	268	195	259	194	249	187	225	168		
		8	3	1.0	37	20	14	19	14	18	14	17	13		
		---	---	---	---	---	---	---	---	---	---	---	---	---	---
		985	135.0		2301	1670	1859	1344	1736	1250	1440	1024			
		MEAN DIA. 5.0 INCHES, WEIBULL PARAMETERS A= .8, B= 4.52, C= 4.38													
20	44	2	2	.0	23	1	0								
		3	28	1.4	30	21	15								
		4	113	9.9	35	176	128								
		5	244	33.3	39	659	478	647	463	599	427	486	30		
		6	294	57.7	41	1199	871	1164	863	1109	821	978	720		
		7	175	46.8	43	1017	739	981	739	950	719	876	661		
		8	40	14.0	44	310	226	298	226	292	223	276	211		
		9	3	1.3	45	30	22	29	22	28	22	27	21		
		---	---	---	---	---	---	---	---	---	---	---	---	---	---
		899	164.3		3413	2479	3119	2313	2978	2212	2643	1953			
		MEAN DIA. 5.8 INCHES, WEIBULL PARAMETERS A= 1.3, B= 4.83, C= 4.37													
25	50	3	9	.4	32	7	5								
		4	51	4.5	38	86	63								
		5	142	19.4	42	413	300	404	292	377	271	311	220		
		6	238	46.7	45	1064	774	1032	770	988	736	883	655		
		7	229	61.2	47	1454	1057	1401	1057	1361	1034	1266	960		
		8	109	38.0	49	941	685	904	685	887	681	845	648		
		9	20	8.8	51	227	165	218	165	215	165	208	161		
		10	1	.5	52	14	10	14	10	14	10	13	10		
		---	---	---	---	---	---	---	---	---	---	---	---	---	---
		799	179.6		4206	3059	3973	2979	3842	2897	3526	2654			
		MEAN DIA. 6.4 INCHES, WEIBULL PARAMETERS A= 1.7, B= 5.08, C= 4.35													

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3							

30	55	3	3	.1	33	3	2						
		4	22	1.9	40	39	28						
		5	77	10.5	45	240	174	234	170	219	159	184	132
		6	159	31.2	49	774	563	749	562	720	539	651	486
		7	207	55.3	52	1453	1057	1399	1057	1364	1040	1280	974
		8	157	54.8	54	1494	1086	1433	1086	1409	1086	1350	1039
		9	59	26.1	56	736	536	705	536	697	536	677	525
		10	9	4.9	57	141	103	135	103	134	103	131	102
		—	—	—	—	—	—	—	—	—	—	—	—
		693	184.9	—	4880	3549	4655	3514	4543	3463	4273	3258	—

MEAN DIA. 7.0 INCHES, WEIBULL PARAMETERS A= 2.0, B= 5.35, C= 4.33

35	60	3	1	.0	32	1	1						
		4	10	.9	40	18	13						
		5	39	5.3	46	124	90	121	88	114	82	96	69
		6	95	18.7	50	472	343	456	343	439	329	398	298
		7	153	40.9	54	1115	811	1073	811	1047	800	986	752
		8	160	55.9	56	1579	1148	1514	1148	1490	1148	1431	1102
		9	98	43.3	58	1267	921	1213	921	1199	921	1167	905
		10	30	16.4	60	495	360	473	360	470	360	461	359
		11	4	2.6	62	83	60	79	60	78	60	78	60
		—	—	—	—	—	—	—	—	—	—	—	—
		590	183.9	—	5154	3747	4929	3731	4837	3700	4617	3545	—

MEAN DIA. 7.6 INCHES, WEIBULL PARAMETERS A= 2.3, B= 5.66, C= 4.31

40	63	4	4	.3	40	7	5						
		5	19	2.6	46	60	44	59	43	55	40	47	34
		6	53	10.4	51	268	195	260	195	250	188	227	170
		7	99	26.5	55	735	534	707	534	691	528	651	497
		8	130	45.4	58	1328	966	1274	966	1254	966	1207	931
		9	112	49.5	60	1497	1089	1433	1089	1418	1089	1382	1073
		10	59	32.2	62	1006	732	961	732	955	732	939	731
		11	16	10.6	64	341	248	325	248	324	248	320	248
		12	2	1.6	66	52	38	50	38	50	38	49	38
		—	—	—	—	—	—	—	—	—	—	—	—
		494	179.0	—	5294	3851	5069	3845	4997	3829	4822	3722	—

MEAN DIA. 8.2 INCHES, WEIBULL PARAMETERS A= 2.5, B= 6.04, C= 4.28

SI 50

1,500 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft	Ft	Ft 3							
10	26	1	15	.1	11	1	1						
	2	145	3.2	19	34	24							
	3	433	21.3	22	246	176							
	4	479	41.8	24	516	373							
	5	146	19.9	26	264	191	263	179	234	157	164	104	
	6	7	1.4	27	19	14	18	13	17	12	14	10	
	1225		87.6		1080	779	281	192	251	169	178	114	
MEAN DIA. 3.6 INCHES, WEIBULL PARAMETERS A= .1, B= 3.70, C= 4.41													
15	36	2	21	.5	22	6	4						
	3	129	6.3	28	92	67							
	4	338	29.5	31	468	339							
	5	419	57.1	33	959	696	946	665	864	602	667	452	
	6	205	40.3	35	714	519	696	510	657	480	564	409	
	7	28	7.5	36	136	99	132	99	127	95	115	86	
	8	1	.3	37	7	5	6	5	6	5	6	4	
	1141		141.5		2382	1729	1780	1279	1654	1182	1352	951	
MEAN DIA. 4.8 INCHES, WEIBULL PARAMETERS A= .8, B= 4.26, C= 4.40													
20	44	2	3	.1	23	1	1						
	3	40	2.0	31	32	23							
	4	157	13.7	36	252	183							
	5	321	43.8	39	867	629	851	609	788	561	639	448	
	6	335	65.8	41	1366	992	1326	983	1264	935	1114	821	
	7	151	40.4	43	877	638	847	638	820	620	756	571	
	8	21	7.3	44	163	118	157	118	153	117	145	111	
	9	1	.4	45	10	7	10	7	9	7	9	7	
	1029		173.4		3568	2591	3191	2355	3034	2240	2663	1958	
MEAN DIA. 5.6 INCHES, WEIBULL PARAMETERS A= 1.3, B= 4.58, C= 4.39													
25	50	3	12	.6	33	10	7						
	4	69	6.0	39	120	87							
	5	188	25.6	43	559	406	547	396	511	368	425	302	
	6	296	58.1	46	1353	983	1311	979	1257	937	1127	837	
	7	242	64.7	48	1569	1141	1512	1141	1470	1117	1370	1039	
	8	87	30.4	50	767	558	736	558	722	555	689	529	
	9	10	4.4	52	116	84	111	84	110	84	106	82	
	904		189.8		4494	3266	4217	3158	4070	3061	3717	2789	
MEAN DIA. 6.2 INCHES, WEIBULL PARAMETERS A= 1.7, B= 4.85, C= 4.37													

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem	5-inch class and greater to o.b. tops of—						
							O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	
Yrs	Ft	In	No.	Ft 2	Ft		Ft 3						
30	55	3	4	.2	33	3	2						
		4	30	2.6	40	53	39						
		5	100	13.6	45	311	226	304	221	285	206	239 171	
		6	200	39.3	49	974	708	942	706	906	678	819 611	
		7	240	64.1	52	1685	1225	1622	1225	1581	1206	1484 1130	
		8	154	53.8	54	1465	1066	1406	1066	1382	1065	1325 1019	
		9	43	19.0	56	537	390	514	390	508	390	494 382	
		10	4	2.2	57	63	46	60	46	59	46	58 45	
			775	194.8		5091	3702	4848	3654	4721	3591	4419 3358	
			MEAN DIA. 6.8 INCHES, WEIBULL PARAMETERS A= 2.0, B= 5.13, C= 4.35										

35	60	3	1	.0	32	1	1					
		4	12	1.0	41	22	16					
		5	50	6.8	46	159	116	155	113	146	106	123 88
		6	120	23.6	51	608	442	588	442	566	425	514 385
		7	184	49.2	54	1341	975	1291	975	1260	962	1186 904
		8	173	60.4	56	1707	1241	1637	1241	1611	1241	1547 1192
		9	89	39.3	59	1170	851	1120	851	1108	851	1079 837
		10	21	11.5	60	347	252	331	252	329	252	323 252
		11	2	1.3	62	41	30	39	30	39	30	39 30
			652	193.1		5396	3924	5161	3904	5059	3867	4811 3688
		MEAN DIA. 7.4 INCHES, WEIBULL PARAMETERS A= 2.3, B= 5.45, C= 4.32										

40	63	4	5	.4	40	9	6					
		5	24	3.3	47	78	57	76	55	72	52	61 44
		6	66	13.0	51	334	243	323	243	311	234	283 212
		7	120	32.1	55	891	648	857	648	837	640	789 602
		8	147	51.3	58	1502	1092	1440	1092	1418	1092	1365 1052
		9	115	50.8	61	1563	1137	1496	1137	1481	1137	1444 1121
		10	50	27.3	63	866	630	828	630	822	630	809 630
		11	11	7.3	64	234	170	224	170	223	170	220 170
		12	1	.8	66	26	19	25	19	25	19	25 19
			539	186.2		5503	4002	5269	3994	5189	3974	4996 3850
		MEAN DIA. 8.0 INCHES, WEIBULL PARAMETERS A= 2.5, B= 5.83, C= 4.30										

SI 50

1,750 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem	5-inch class and greater to o.b. tops of—					
							2 inches		3 inches		4 inches	
							O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	-----	-----	-----	Ft 3	-----	-----	-----
10	26	1	23	.1	11	1	1					
		2	216	4.7	19	50	35					
		3	586	28.8	22	332	239					
		4	492	42.9	24	530	383					
		5	83	11.3	26	150	109	149	102	133	89	93
		6	1	.2	27	3	2	3	2	2	2	1
		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
		1401	88.1		1066	769	152	104	135	91	95	60
		MEAN DIA. 3.4 INCHES, WEIBULL PARAMETERS A= .1, B= 3.46, C= 4.43										
15	36	1	1	.0	12	0	0					
		2	29	.6	23	8	6					
		3	179	8.8	29	133	96					
		4	443	38.7	32	633	459					
		5	467	63.7	34	1101	799	1085	766	994	695	775
		6	161	31.6	36	577	419	562	413	531	389	458
		7	12	3.2	37	60	44	58	44	56	42	51
		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
		1292	146.6		2512	1823	1705	1223	1581	1126	1284	899
		MEAN DIA. 4.6 INCHES, WEIBULL PARAMETERS A= .8, B= 4.04, C= 4.42										
20	44	2	4	.1	24	1	1					
		3	53	2.6	32	43	31					
		4	208	18.2	37	343	249					
		5	401	54.7	40	1111	806	1089	782	1011	722	825
		6	359	70.5	42	1499	1089	1455	1081	1388	1029	1229
		7	119	31.8	44	707	514	682	514	662	501	611
		8	10	3.5	45	79	58	76	58	75	57	71
		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
		1154	181.3		3783	2748	3302	2435	3136	2309	2736	2003
		MEAN DIA. 5.4 INCHES, WEIBULL PARAMETERS A= 1.3, B= 4.38, C= 4.40										
25	50	2	1	.0	24	0	0					
		3	16	.8	33	13	10					
		4	90	7.9	39	156	113					
		5	239	32.6	43	711	516	696	503	650	468	540
		6	344	67.5	46	1573	1143	1523	1138	1460	1089	1309
		7	243	64.9	49	1608	1169	1549	1169	1507	1146	1407
		8	65	22.7	50	573	417	550	417	540	415	515
		9	5	2.2	52	58	42	56	42	55	42	53
		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
		1003	198.6		4692	3410	4374	3269	4212	3160	3824	2862
		MEAN DIA. 6.0 INCHES, WEIBULL PARAMETERS A= 1.7, B= 4.67, C= 4.38										

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of					
								2 inches		3 inches		4 inches	
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft			Ft 3					
30	55	3	5	.2	34	4	3						
		4	37	3.2	41	68	49						
		5	126	17.2	45	392	285	383	278	359	260	301	216
		6	242	47.5	49	1178	856	1140	855	1096	821	991	740
		7	265	70.8	52	1861	1353	1791	1353	1746	1331	1638	1247
		8	144	50.3	54	1370	997	1315	997	1292	996	1238	953
		9	31	13.7	56	387	281	370	281	366	281	356	276
		10	2	1.1	57	31	23	30	23	30	23	29	23
			852	204.0		5291	3847	5029	3787	4889	3712	4553	3455
			MEAN DIA. 6.6 INCHES, WEIBULL PARAMETERS A= 2.0, B= 4.96, C= 4.36.										
35	60	3	1	.0	33	1	1						
		4	15	1.3	41	27	20						
		5	62	8.5	47	202	146	197	143	185	134	157	113
		6	145	28.5	51	735	534	710	534	684	514	621	465
		7	212	56.7	54	1545	1124	1487	1124	1451	1108	1366	1042
		8	181	63.2	57	1818	1322	1743	1322	1716	1322	1649	1271
		9	78	34.5	59	1026	746	982	746	971	746	946	734
		10	14	7.6	60	231	168	221	168	219	168	215	168
		11	1	.7	62	21	15	20	15	20	15	19	15
			709	200.9		5606	4076	5360	4052	5246	4007	4973	3808
			MEAN DIA. 7.2 INCHES, WEIBULL PARAMETERS A= 2.3, B= 5.28, C= 4.33										
40	63	4	6	.5	41	11	8						
		5	29	4.0	48	96	70	94	69	88	64	75	54
		6	79	15.5	53	416	302	402	302	388	292	354	265
		7	140	37.4	57	1077	783	1036	783	1013	775	957	731
		8	163	56.9	60	1723	1253	1652	1253	1627	1253	1569	1211
		9	114	50.4	62	1575	1146	1507	1146	1492	1146	1456	1131
		10	42	22.9	64	739	538	706	538	702	538	691	538
		11	7	4.6	66	154	112	147	112	146	112	145	112
			580	192.2		5791	4212	5544	4203	5456	4180	5247	4042
			MEAN DIA. 7.8 INCHES, WEIBULL PARAMETERS A= 2.5, B= 5.66, C= 4.31										

SI 50

2,000 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem	5-inch class and greater to o.b. tops of—									
							O. b. I. b.		2 inches		3 inches		4 inches			
Yrs	Ft	In	No.	Ft 2	Ft		Ft 3									
10	26	1	34	.2	11	2	1									
		2	310	6.8	19	72	51									
		3	746	36.6	23	442	317									
		4	447	39.0	25	502	363									
		5	37	5.0	27	69	50	69	47	62	42	44	28			
			1574	87.6	1087	782	69	47	62	42	44	28				
MEAN DIA. 3.2 INCHES, WEIBULL PARAMETERS A= .1, B= 3.25, C= 4.45																
15	36	1	1	.0	12	0	0									
		2	40	.9	23	11	8									
		3	242	11.9	29	179	129									
		4	556	48.5	32	795	576									
		5	483	65.9	34	1139	826	1122	792	1028	719	801	546			
			6	113	22.2	36	405	294	394	290	373	273	322	234		
			7	4	1.1	37	20	15	19	15	19	14	17	13		
			1439	150.4	2549	1848	1535	1097	1420	1006	1140	793				
MEAN DIA. 4.4 INCHES, WEIBULL PARAMETERS A= .8, B= 3.84, C= 4.44																
20	44	2	6	.1	25	2	1									
		3	70	3.4	32	57	41									
		4	267	23.3	37	440	319									
		5	476	64.9	40	1318	957	1292	928	1200	857	980	689			
		6	363	71.3	42	1516	1101	1471	1093	1404	1041	1242	917			
			7	88	23.5	44	523	380	505	380	489	370	452	342		
			8	4	1.4	45	32	23	31	23	30	23	28	22		
			1274	188.0	3888	2822	3299	2424	3123	2291	2702	1970				
MEAN DIA. 5.2 INCHES, WEIBULL PARAMETERS A= 1.3, B= 4.20, C= 4.42																
25	50	2	1	.0	24	0	0									
		3	20	1.0	34	17	12									
		4	113	9.9	40	201	146									
		5	292	39.8	44	889	646	869	630	813	587	679	484			
		6	390	76.6	46	1783	1296	1727	1290	1656	1235	1484	1103			
			7	233	62.3	49	1542	1121	1485	1121	1445	1099	1349	1025		
			8	47	16.4	50	414	301	398	301	390	300	372	286		
			9	2	.9	52	23	17	22	17	22	17	21	16		
			1098	206.8	4869	3539	4501	3359	4326	3238	3905	2914				
MEAN DIA. 5.9 INCHES, WEIBULL PARAMETERS A= 1.7, B= 4.50, C= 4.40																

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—						
								2 inches		3 inches		4 inches		
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	
Yrs	Ft	In	No.	Ft 2	Ft	-----	-----	Ft 3	-----	-----	-----	-----	-----	
30	55	3	6	.3	34	5	4							
		4	46	4.0	41	84	61							
		5	153	20.9	46	487	354	475	346	446	323	376	270	
		6	283	55.6	49	1378	1001	1333	999	1282	960	1158	865	
		7	284	75.9	52	1994	1450	1919	1450	1871	1427	1756	1337	
		8	130	45.4	54	1237	900	1187	900	1167	899	1118	861	
		9	21	9.3	56	262	191	251	191	248	191	241	187	
		10	1	.5	57	16	11	15	11	15	11	15	11	
			924	211.8		5463	3972	5180	3897	5029	3811	4664	3531	
			MEAN DIA. 6.5 INCHES, WEIBULL PARAMETERS A= 2.0, B= 4.80, C= 4.37											
35	60	3	1	.0	34	1	1							
		4	18	1.6	42	34	24							
		5	74	10.1	48	246	178	240	175	226	164	192	138	
		6	171	33.6	52	883	642	854	642	823	618	749	562	
			239	63.9	55	1774	1290	1707	1290	1667	1274	1571	1199	
		8	184	64.2	58	1880	1367	1803	1367	1775	1367	1708	1317	
		9	67	29.6	60	896	652	857	652	848	652	827	642	
		10	9	4.9	62	153	112	147	112	146	112	143	112	
			763	207.9		5867	4266	5608	4238	5485	4187	5190	3970	
			MEAN DIA. 7.1 INCHES, WEIBULL PARAMETERS A= 2.3, B= 5.13, C= 4.35											
40	63	4	7	.6	42	13	9							
		5	34	4.6	48	113	82	110	80	104	75	88	64	
		6	92	18.1	53	484	352	468	352	451	340	412	309	
		7	159	42.5	57	1223	890	1176	890	1150	880	1087	830	
		8	177	61.8	60	1871	1361	1793	1361	1767	1361	1703	1315	
		9	111	49.0	62	1533	1116	1467	1116	1453	1116	1418	1101	
		10	35	19.1	64	616	448	589	448	585	448	576	448	
		11	4	2.6	66	88	64	84	64	83	64	83	64	
			619	198.4		5941	4322	5687	4311	5593	4284	5367	4131	
			MEAN DIA. 7.7 INCHES, WEIBULL PARAMETERS A= 2.5, B= 5.52, C= 4.32											

SI 50

2,250 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—						
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3								
10	26	1	48	.3	11	3	2							
		2	432	9.4	19	100	71							
		3	893	43.8	23	529	380							
		4	358	31.2	25	402	290							
		5	12	1.6	27	23	16	22	15	20	13	14	9	
			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
			1743	86.4		1057	759	22	15	20	13	14	9	
			MEAN DIA. 3.0 INCHES, WEIBULL PARAMETERS A= .1, B= 3.06, C= 4.46											
15	36	1	1	.0	12	0	0							
		2	53	1.2	23	15	10							
		3	317	15.6	29	235	169							
		4	670	58.5	32	958	694							
		5	469	63.9	34	1156	802	1090	769	998	698	778	531	
			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
			6	71	13.9	36	254	185	248	182	234	172	202	147
			7	1	.3	37	5	4	5	4	5	3	4	3
			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
			1582	153.3		2573	1864	1343	955	1237	873	984	681	
			MEAN DIA. 4.2 INCHES, WEIBULL PARAMETERS A= .8, B= 3.67, C= 4.45											
20	44	2	7	.2	25	2	1							
		3	89	4.4	32	72	52							
		4	333	29.1	37	549	398							
		5	549	74.9	40	1521	1104	1491	1071	1385	989	1130	795	
		6	350	68.7	42	1462	1062	1418	1054	1353	1003	1198	884	
			7	60	16.0	44	357	259	344	259	334	252	308	233
			8	2	.7	45	16	12	15	12	15	11	14	11
			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
			1390	193.9		3979	2888	3268	2396	3087	2255	2650	1923	
			MEAN DIA. 5.1 INCHES, WEIBULL PARAMETERS A= 1.3, B= 4.05, C= 4.43											
25	50	2	1	.0	25	0	0							
		3	25	1.2	34	22	16							
		4	138	12.0	40	246	178							
		5	348	47.5	44	1059	769	1036	751	969	699	809	577	
		6	429	84.2	47	2003	1456	1940	1451	1862	1391	1674	1246	
			7	215	57.5	49	1423	1034	1370	1034	1334	1014	1245	945
			8	32	11.2	50	282	205	271	205	266	204	253	195
			9	1	.4	52	12	8	11	8	11	8	11	8
			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
			1189	214.0		5047	3666	4628	3449	4442	3316	3992	2971	
			MEAN DIA. 5.7 INCHES, WEIBULL PARAMETERS A= 1.7, B= 4.36, C= 4.41											

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
								2 inches		3 inches		4 inches	
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	-----	-----	-----	-----	Ft 3	-----	-----	-----
30	55	3	7	.3	35	6	4						
		4	55	4.8	42	103	75						
		5	181	24.7	47	588	427	574	419	540	392	457	329
		6	324	63.6	51	1641	1193	1587	1193	1529	1147	1388	1039
		7	297	79.4	53	2125	1545	2045	1545	1995	1522	1875	1429
		8	115	40.1	55	1114	811	1069	811	1051	811	1009	777
		9	14	6.2	57	178	129	170	129	168	129	164	127
		---	993	219.1	---	5755	4184	5445	4097	5283	4001	4893	3701
		MEAN DIA. 6.4 INCHES, WEIBULL PARAMETERS A= 2.0, B= 4.67, C= 4.38											
35	60	3	2	.1	34	2	1						
		4	21	1.8	42	39	28						
		5	87	11.9	48	289	210	282	206	265	193	225	163
		6	196	38.5	52	1012	736	979	736	943	709	859	644
		7	260	69.5	55	1930	1404	1857	1404	1813	1386	1709	1304
		8	184	64.2	58	1880	1367	1803	1367	1775	1367	1708	1317
		9	57	25.2	60	762	554	729	554	722	554	703	546
		10	6	3.3	62	102	74	98	74	97	74	95	74
		---	813	214.4	---	6016	4374	5748	4341	5615	4283	5299	4048
		MEAN DIA. 7.0 INCHES, WEIBULL PARAMETERS A= 2.3, B= 5.01, C= 4.36											
40	63	4	8	.7	42	15	11						
		5	40	5.5	48	133	96	130	95	122	89	104	75
		6	105	20.6	53	553	402	534	402	515	388	470	353
		7	178	47.6	57	1369	996	1317	996	1287	985	1217	930
		8	185	64.6	60	1955	1422	1875	1422	1847	1422	1780	1374
		9	107	47.3	62	1478	1075	1415	1075	1400	1075	1367	1061
		10	29	15.8	64	510	371	488	371	485	371	477	371
		11	3	2.0	66	66	48	63	48	63	48	62	48
		---	655	204.0	---	6079	4421	5822	4409	5719	4378	5477	4212
		MEAN DIA. 7.6 INCHES, WEIBULL PARAMETERS A= 2.5, B= 5.40, C= 4.32											

SI 50

2,500 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3							
10	26	1	68	.4	11	4	2						
		2	589	12.8	19	137	96						
		3	1004	49.3	23	594	427						
		4	247	21.6	25	277	200						
		5	3	.4	27	6	4	6	4	5	3	4	2
		—	—	—	—	—	—	—	—	—	—	—	—
		1911	84.5		1018	729		6	4	5	3	4	2
MEAN DIA. 2.8 INCHES, WEIBULL PARAMETERS A= .1, B= 2.88, C= 4.48													
15	36	1	2	.0	12	0	0						
		2	70	1.5	24	20	14						
		3	406	19.9	30	311	224						
		4	779	68.0	33	1148	831						
		5	426	58.1	35	1034	750	1018	721	934	656	735	504
		6	39	7.7	37	144	104	140	103	132	97	115	84
		—	—	—	—	—	—	—	—	—	—	—	—
		1722	155.2		2657	1923	1158	824	1066	753	850	588	
MEAN DIA. 4.1 INCHES, WEIBULL PARAMETERS A= .8, B= 3.51, C= 4.46													
20	44	2	9	.2	25	3	2						
		3	111	5.4	32	90	65						
		4	406	35.4	37	670	485						
		5	616	84.0	40	1706	1239	1673	1201	1554	1109	1268	892
		6	322	63.2	42	1345	977	1305	969	1245	923	1102	813
		7	38	10.2	44	226	164	218	164	211	160	195	148
		8	1	.3	45	8	6	8	6	7	6	7	5
		—	—	—	—	—	—	—	—	—	—	—	—
		1503	198.8		4048	2938	3204	2340	3017	2198	2572	1858	
MEAN DIA. 4.9 INCHES, WEIBULL PARAMETERS A= 1.3, B= 3.91, C= 4.44													
25	50	2	1	.0	26	0	0						
		3	30	1.5	35	27	19						
		4	167	14.6	41	305	221						
		5	406	55.4	45	1264	918	1235	897	1157	837	971	694
		6	458	89.9	48	2184	1587	2114	1583	2031	1519	1831	1365
		7	193	51.6	50	1303	947	1255	947	1222	930	1143	869
		8	21	7.3	52	192	140	185	140	181	140	173	133
		—	—	—	—	—	—	—	—	—	—	—	—
		1276	220.3		5275	3832	4789	3567	4591	3426	4118	3061	
MEAN DIA. 5.6 INCHES, WEIBULL PARAMETERS A= 1.7, B= 4.24, C= 4.42													

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem	5-inch class and greater to o.b. tops of—						
							2 inches		3 inches		4 inches		
Yrs	Ft	In	No.	Ft 2	Ft		O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	Ft 3
30	55	3	8	.4	35	7	5						
		4	65	5.7	42	121	88						
		5	212	28.9	47	689	500	673	490	632	459	535	385
		6	362	71.1	51	1834	1333	1773	1332	1708	1282	1551	1161
		7	304	81.2	53	2175	1582	2093	1582	2042	1558	1919	1462
		8	99	34.6	55	959	698	920	698	905	698	868	669
		9	9	4.0	57	114	83	109	83	108	83	105	82
		—	—	—	—	—	—	—	—	—	—	—	—
		1059	225.8			5899	4289	5568	4185	5395	4080	4978	3759
		MEAN DIA. 6.3 INCHES, WEIBULL PARAMETERS A= 2.0, B= 4.56, C= 4.39											
35	60	3	2	.1	35	2	1						
		4	25	2.2	43	48	35						
		5	100	13.6	48	332	241	324	236	305	222	259	187
		6	222	43.6	52	1147	833	1108	833	1068	803	973	729
		7	281	75.1	55	2086	1517	2007	1517	1960	1498	1847	1410
		8	181	63.2	58	1849	1345	1774	1345	1746	1345	1680	1296
		9	47	20.8	60	628	457	601	457	595	457	580	450
		10	4	2.2	62	68	50	65	50	65	50	64	50
		—	—	—	—	—	—	—	—	—	—	—	—
		862	220.7			6160	4479	5879	4438	5739	4375	5403	4122
		MEAN DIA. 6.9 INCHES, WEIBULL PARAMETERS A= 2.3, B= 4.90, C= 4.36											
40	63	4	9	.8	42	17	12						
		5	45	6.1	48	149	108	146	106	137	100	117	84
		6	119	23.4	53	626	455	605	455	584	439	533	400
		7	195	52.1	57	1500	1091	1443	1091	1410	1079	1333	1019
		8	194	67.7	60	2050	1491	1966	1491	1937	1491	1867	1441
		9	102	45.1	62	1409	1025	1348	1025	1335	1025	1303	1012
		10	23	12.5	64	405	295	387	295	384	295	378	295
		11	2	1.3	66	44	32	42	32	42	32	41	32
		—	—	—	—	—	—	—	—	—	—	—	—
		689	209.0			6200	4509	5937	4495	5829	4461	5572	4283
		MEAN DIA. 7.5 INCHES, WEIBULL PARAMETERS A= 2.5, B= 5.29, C= 4.33											

SI 60

500 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem	5-inch class and greater to o.b. tops of—					
							2 inches		3 inches		4 inches	
							O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	-----	-----	-----	Ft 3	-----	-----	-----
10	31	2	5	.1	17	1	1					
		3	23	1.1	22	13	9					
		4	60	5.2	25	67	49					
		5	107	14.6	27	201	146	200	137	178	120	128
		6	131	25.7	29	379	275	371	267	346	248	285
		7	99	26.5	30	402	292	390	289	372	275	328
		8	43	15.0	31	235	171	227	171	220	166	201
		9	9	4.0	31	62	45	60	45	58	45	55
		10	1	.5	32	9	6	8	6	8	6	8
			478	92.8		1369	994	1256	915	1182	860	1005
						MEAN DIA. 6.0 INCHES, WEIBULL PARAMETERS A= .5, B= 5.86, C= 4.27						
15	43	2	1	.0	19	0	0					
		3	6	.3	27	4	3					
		4	23	2.0	32	33	24					
		5	56	7.6	36	140	101	137	98	127	89	100
		6	97	19.0	38	367	266	357	263	338	249	295
		7	119	31.8	40	643	468	621	468	600	452	549
		8	99	34.6	42	733	533	705	533	689	526	649
		9	50	22.1	43	479	349	460	349	452	349	434
		10	14	7.6	44	169	123	162	123	160	123	156
		11	2	1.3	45	30	22	29	22	28	22	28
			467	126.4		2598	1889	2471	1856	2394	1810	2211
						MEAN DIA. 7.0 INCHES, WEIBULL PARAMETERS A= 1.2, B= 6.21, C= 4.27						
20	52	3	1	.0	30	1	1					
		4	9	.8	36	14	10					
		5	28	3.8	41	79	58	78	56	72	52	59
		6	60	11.8	44	262	191	254	190	243	181	217
		7	94	25.1	47	597	434	575	434	559	424	520
		8	109	38.0	49	941	685	904	685	887	681	845
		9	83	36.7	51	944	686	904	686	892	686	863
		10	40	21.8	52	572	416	547	416	542	416	530
		11	11	7.3	53	194	141	185	141	184	141	181
		12	1	.8	54	21	16	20	16	20	16	20
			436	146.1		3625	2638	3467	2624	3399	2597	3235
						MEAN DIA. 7.8 INCHES, WEIBULL PARAMETERS A= 1.8, B= 6.44, C= 4.26						
25	60	4	3	.3	39	5	4					
		5	13	1.8	44	40	29	39	28	36	26	30
		6	34	6.7	49	166	120	160	120	154	115	139
		7	63	16.8	52	442	322	426	322	415	317	389
		8	88	30.7	54	837	609	803	609	790	608	757
		9	90	39.8	57	1143	832	1095	832	1082	832	1052
		10	64	34.9	58	1021	743	976	743	968	743	950
		11	29	19.1	60	579	421	553	421	550	421	543
		12	7	5.5	61	169	123	161	123	161	123	160
		13	1	.9	62	29	21	27	21	27	21	27
			392	156.5		4431	3224	4240	3219	4183	3206	4047
						MEAN DIA. 8.6 INCHES, WEIBULL PARAMETERS A= 2.3, B= 6.70, C= 4.24						

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
								2 inches		3 inches		4 inches	
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft			Ft 3					
30	66	4	1	.1	40	2	1						
		5	6	.8	46	19	14	19	14	17	13	15	11
		6	17	3.3	51	86	63	83	63	80	60	73	55
		7	37	9.9	55	275	200	264	200	258	197	243	186
		8	60	20.9	58	613	446	588	446	579	446	557	430
		9	75	33.1	61	1019	742	976	742	966	742	942	731
		10	71	38.7	63	1230	895	1176	895	1168	895	1149	895
		11	47	31.0	65	1016	739	970	739	966	739	956	739
		12	21	16.5	66	549	399	523	399	522	399	519	399
		13	5	4.6	67	156	113	148	113	148	113	148	113
		14	1	1.1	69	37	27	35	27	35	27	35	27
		341	160.1			5002	3639	4782	3638	4739	3631	4637	3586
		MEAN DIA. 9.3 INCHES, WEIBULL PARAMETERS A= 2.7, B= 7.06, C= 4.23											

35	72	5	2	.3	47	7	5	6	5	6	4	5	4
		6	8	1.6	53	42	31	41	31	39	30	36	27
		7	19	5.1	57	146	106	141	106	137	105	130	99
		8	35	12.2	61	376	274	360	274	355	274	343	265
		9	51	22.5	64	727	529	696	529	689	529	673	523
		10	60	32.7	66	1089	792	1040	792	1034	792	1019	792
		11	54	35.6	68	1221	889	1166	889	1162	889	1151	889
		12	36	28.3	70	997	726	951	726	950	726	945	726
		13	17	15.7	72	568	414	542	414	542	414	541	414
		14	5	5.3	73	197	143	187	143	187	143	187	143
		15	1	1.2	74	46	33	44	33	44	33	44	33
		288	160.5			5416	3942	5174	3942	5145	3939	5074	3915
		MEAN DIA. 10.1 INCHES, WEIBULL PARAMETERS A= 3.0, B= 7.56, C= 4.20											

40	76	5	1	.1	47	3	2	3	2	3	2	3	2
		6	3	.6	54	16	12	16	12	15	11	14	10
		7	9	2.4	58	70	51	68	51	66	51	63	48
		8	18	6.3	63	200	145	191	145	189	145	182	141
		9	30	13.3	66	441	321	422	321	418	321	409	318
		10	40	21.8	69	759	552	725	552	721	552	711	552
		11	46	30.4	71	1086	790	1037	790	1033	790	1025	790
		12	41	32.2	73	1185	862	1130	862	1128	862	1123	862
		13	29	26.7	75	1010	735	963	735	963	735	962	735
		14	15	16.0	76	614	447	585	447	585	447	585	447
		15	6	7.4	78	289	211	276	211	276	211	276	211
		16	1	1.4	79	56	40	53	40	53	40	53	40
		239	158.6			5729	4168	5469	4168	5450	4167	5406	4156
		MEAN DIA. 11.0 INCHES, WEIBULL PARAMETERS A= 3.3, B= 8.26, C= 4.17											

SI 60

750 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3							
10	31	1	1	.0	9	0	0						
		2	13	.3	19	3	2						
		3	58	2.8	24	36	26						
		4	143	12.5	27	173	125						
		5	212	26.9	29	427	310	423	293	382	260	281	184
		6	175	34.4	30	523	380	512	370	478	344	398	283
		7	68	18.2	31	285	207	277	206	264	196	234	173
		8	10	3.5	32	56	41	55	41	53	40	49	37
						680	100.5	1503	1091	1267	910	1177	840
												962	677
						MEAN DIA. 5.2 INCHES, WEIBULL PARAMETERS A= .5, B= 5.06, C= 4.32							
15	43	2	1	.0	22	0	0						
		3	13	.6	29	10	7						
		4	53	4.6	34	80	58						
		5	122	16.6	37	313	227	307	219	284	201	227	157
		6	184	36.1	40	732	532	711	526	677	500	594	437
		7	169	45.2	41	936	681	904	681	874	659	802	604
		8	85	29.7	43	644	469	620	469	606	463	572	437
		9	19	8.4	44	186	136	179	136	176	136	169	130
		10	2	1.1	45	25	18	24	18	23	18	23	18
						648	142.4	2926	2128	2745	2049	2640	1977
												2387	1783
						MEAN DIA. 6.3 INCHES, WEIBULL PARAMETERS A= 1.2, B= 5.46, C= 4.32							
20	52	3	3	.1	32	2	2						
		4	19	1.7	39	33	24						
		5	60	8.2	43	179	130	175	126	163	117	135	96
		6	121	23.8	46	553	402	536	400	514	383	461	342
		7	165	44.1	49	1092	794	1052	794	1023	778	955	726
		8	139	48.5	50	1225	891	1176	891	1154	887	1101	845
		9	66	29.2	52	765	556	733	556	723	556	701	542
		10	15	8.2	53	219	159	209	159	207	159	203	158
		11	1	.7	54	18	13	17	13	17	13	17	13
						589	164.4	4086	2971	3898	2939	3801	2893
												3573	2722
						MEAN DIA. 7.2 INCHES, WEIBULL PARAMETERS A= 1.8, B= 5.71, C= 4.30							
25	60	3	1	.0	33	1	1						
		4	6	.5	41	11	8						
		5	27	3.7	46	86	62	84	61	79	57	66	48
		6	68	13.4	51	344	250	333	250	321	241	291	218
		7	116	31.0	54	846	615	814	615	794	606	747	570
		8	137	47.8	56	1352	983	1297	983	1276	983	1225	944
		9	104	45.9	58	1344	978	1287	978	1273	978	1239	960
		10	45	24.5	60	743	540	710	540	705	540	692	539
		11	10	6.6	61	203	148	194	148	193	148	191	148
		12	1	.8	62	25	18	23	18	23	18	23	18
						515	174.3	4955	3603	4742	3593	4664	3571
												4474	3445
						MEAN DIA. 7.9 INCHES, WEIBULL PARAMETERS A= 2.3, B= 5.97, C= 4.29							

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
								2 inches		3 inches		4 inches	
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft			Ft 3					
30	66	4	2	.2	42	4	3						
		5	11	1.5	48	37	27	36	26	34	24	29	21
		6	34	6.7	53	179	130	173	130	167	126	152	114
		7	69	18.4	57	531	386	510	386	499	382	472	360
		8	102	35.6	60	1078	784	1034	784	1018	784	982	758
		9	106	46.8	62	1464	1065	1401	1065	1387	1065	1354	1051
		10	74	40.4	64	1302	948	1245	948	1236	948	1217	948
		11	30	19.8	66	659	479	629	479	626	479	620	479
		12	7	5.5	67	186	135	177	135	177	135	176	135
		13	1	.9	69	32	23	31	23	31	23	30	23
		436		175.8		5472	3980	5236	3976	5175	3966	5032	3889
		MEAN DIA. 8.6 INCHES, WEIBULL PARAMETERS A= 2.7, B= 6.32, C= 4.26											

35	72	4	1	.1	42	2	1						
		5	4	.5	49	14	10	13	10	12	9	11	8
		6	15	2.9	55	82	60	79	60	76	58	70	53
		7	36	9.6	59	287	208	276	208	270	207	255	195
		8	62	21.6	63	688	500	659	500	650	500	628	486
		9	80	35.3	65	1159	843	1108	843	1098	843	1074	834
		10	79	43.1	68	1477	1075	1411	1075	1403	1075	1383	1075
		11	53	35.0	70	1234	898	1178	898	1174	898	1164	898
		12	23	18.1	71	646	470	617	470	615	470	612	470
		13	6	5.5	73	203	148	194	148	194	148	194	148
		14	1	1.1	74	40	29	38	29	38	29	38	29
		360		172.9		5832	4242	5573	4241	5530	4237	5429	4196
		MEAN DIA. 9.4 INCHES, WEIBULL PARAMETERS A= 3.0, B= 6.79, C= 4.23											

40	76	5	1	.1	49	3	2	3	2	3	2	3	2
		6	6	1.2	55	33	24	32	24	31	23	28	21
		7	16	4.3	60	130	94	125	94	122	93	116	89
		8	32	11.2	64	361	262	346	262	341	262	330	255
		9	49	21.6	67	731	532	700	532	693	532	679	528
		10	63	34.4	70	1213	882	1158	882	1152	882	1137	882
		11	57	37.6	72	1365	993	1303	993	1299	993	1288	993
		12	40	31.4	74	1171	853	1117	853	1116	853	1111	853
		13	19	17.5	76	671	488	639	488	639	488	639	488
		14	6	6.4	78	252	183	240	183	240	183	240	183
		15	1	1.2	79	49	36	47	36	47	36	47	36
		290		167.0		5979	4349	5710	4349	5683	4347	5618	4330
		MEAN DIA. 10.3 INCHES, WEIBULL PARAMETERS A= 3.3, B= 7.45, C= 4.20											

SI 60

1,000 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3							
10	31	1	1	.0	11	0	0						
		2	24	.5	20	6	4						
		3	110	5.4	25	71	51						
		4	250	21.8	27	302	219						
		5	300	40.9	29	604	438	599	414	540	369	398	260
		6	159	31.2	30	475	345	465	336	434	313	361	257
		7	29	7.8	31	122	88	118	88	113	84	100	74
		8	1	.3	32	6	4	5	4	5	4	5	4
					*								
			874	108.0		1586	1149	1187	842	1092	770	864	595
						MEAN DIA. 4.8 INCHES, WEIBULL PARAMETERS A= .5, B= 4.57, C= 4.36							
15	43	2	2	.0	24	1	0						
		3	24	1.2	31	19	14						
		4	93	8.1	36	149	108						
		5	204	27.8	39	551	400	541	387	501	357	406	285
		6	262	51.4	41	1068	776	1037	769	988	732	872	642
		7	176	47.0	42	999	726	964	726	933	705	858	647
		8	51	17.8	44	396	288	380	288	372	285	352	269
		9	5	2.2	45	50	36	48	36	47	36	46	35
			817	155.6		3233	2348	2970	2206	2841	2115	2534	1878
						MEAN DIA. 5.9 INCHES, WEIBULL PARAMETERS A= 1.2, B= 5.00, C= 4.35							
20	52	3	5	.2	34	4	3						
		4	33	2.9	40	59	43						
		5	101	13.8	45	314	228	307	223	288	208	242	173
		6	190	37.3	48	906	659	877	657	843	630	760	566
		7	218	58.3	50	1472	1070	1418	1070	1380	1051	1291	981
		8	138	48.2	52	1264	920	1214	920	1192	917	1140	876
		9	40	17.7	53	473	344	453	344	447	344	433	335
		10	4	2.2	54	59	43	57	43	56	43	55	43
			729	180.5		4551	3310	4326	3257	4206	3193	3921	2974
						MEAN DIA. 6.7 INCHES, WEIBULL PARAMETERS A= 1.8, B= 5.26, C= 4.34							
25	60	3	1	.0	35	1	1						
		4	11	1.0	43	21	15						
		5	44	6.0	48	146	106	142	104	134	98	114	82
		6	108	21.2	52	558	405	539	405	520	391	473	355
		7	170	45.4	55	1262	918	1214	918	1186	906	1118	853
		8	169	59.0	57	1697	1234	1628	1234	1602	1234	1540	1187
		9	95	42.0	59	1249	909	1196	909	1183	909	1152	894
		10	25	13.6	61	419	305	401	305	398	305	391	305
		11	3	2.0	62	62	45	59	45	59	45	58	45
			626	190.2		5415	3938	5179	3920	5082	3888	4846	3721
						MEAN DIA. 7.5 INCHES, WEIBULL PARAMETERS A= 2.3, B= 5.53, C= 4.31							

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3							
30	66	4	3	.3	44	6	4						
5	18	2.5	50		62	45		61	44	57	42	49	36
6	53	10.4	55		289	210		280	210	270	204	247	186
7	104	27.8	58		814	592		783	592	766	586	724	554
8	140	48.9	61		1504	1094		1442	1094	1421	1094	1371	1059
9	122	53.9	64		1740	1266		1664	1266	1649	1266	1611	1252
10	62	33.8	66		1125	819		1075	819	1068	819	1052	819
11	16	10.6	67		357	259		340	259	339	259	336	259
12	2	1.6	69		55	40		52	40	52	40	52	40
	520	189.6			5952	4329		5697	4324	5622	4310	5442	4205
MEAN DIA. 8.2 INCHES, WEIBULL PARAMETERS A= 2.7, B= 5.87, C= 4.29													
35	72	4	1	.1	44	2	1						
5	7	1.0	51		25	18		24	18	23	17	20	14
6	23	4.5	56		128	93		123	93	119	90	110	82
7	54	14.4	61		445	323		427	323	418	321	397	304
8	89	31.1	64		1003	730		961	730	948	730	917	709
9	105	46.4	67		1567	1140		1499	1140	1486	1140	1454	1131
10	85	46.4	69		1613	1173		1541	1173	1532	1173	1511	1173
11	43	28.4	71		1015	739		969	739	966	739	958	739
12	12	9.4	73		347	252		331	252	330	252	329	252
13	2	1.8	74		69	50		66	50	65	50	65	50
	421	183.5			6214	4519		5941	4518	5887	4512	5761	4454
MEAN DIA. 8.9 INCHES, WEIBULL PARAMETERS A= 3.0, B= 6.33, C= 4.26													
40	76	5	2	.3	51	7	5	7	5	6	5	6	4
6	9	1.8	57		51	37		49	37	48	36	44	33
7	24	6.4	62		201	146		193	146	189	145	180	138
8	46	16.1	66		535	389		512	389	506	389	490	379
9	68	30.0	69		1045	761		1000	761	991	761	971	756
10	77	42.0	72		1524	1109		1456	1109	1448	1109	1430	1109
11	61	40.3	74		1501	1093		1433	1093	1428	1093	1418	1093
12	33	25.9	76		993	722		947	722	945	722	942	722
13	11	10.1	77		393	286		375	286	375	286	375	286
14	2	2.1	79		85	62		81	62	81	62	81	62
	333	175.0			6335	4610		6053	4610	6017	4608	5937	4582
MEAN DIA. 9.8 INCHES, WEIBULL PARAMETERS A= 3.3, B= 6.95, C= 4.22													

SI 60

1,250 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem	5-inch class and greater to o.b. tops of—					
							O. b. I. b.		2 inches		3 inches	
Yrs	Ft	In	No.	Ft 2	Ft		Ft 3					
10	31	1	2	.0	12	0	0					
		2	41	.9	21	10	7					
		3	181	8.9	26	121	87					
		4	372	32.5	28	466	338					
		5	345	47.0	30	719	521	711	494	644	442	480
												318
		6	112	22.0	31	346	251	338	245	317	229	265
		7	8	2.1	32	35	25	34	25	32	24	29
												21
			1061	113.4		1697	1229	1083	764	993	695	774
												528
		MEAN DIA. 4.4 INCHES, WEIBULL PARAMETERS A= .5, B= 4.22, C= 4.39										
15	43	2	3	.1	25	1	1					
		3	37	1.8	32	30	22					
		4	145	12.7	36	233	169					
		5	295	40.2	39	797	578	782	560	725	516	588
		6	319	62.6	41	1301	945	1263	936	1203	891	1061
												781
		7	153	40.9	42	868	631	838	631	811	613	746
		8	25	8.7	44	194	141	186	141	182	140	172
		9	1	.4	45	10	7	10	7	9	7	9
												7
			978	167.5		3434	2494	3079	2275	2930	2167	2576
												1893
		MEAN DIA. 5.6 INCHES, WEIBULL PARAMETERS A= 1.2, B= 4.67, C= 4.38										
20	52	3	7	.3	35	6	4					
		4	49	4.3	41	89	65					
		5	149	20.3	45	464	337	453	329	425	307	356
		6	261	51.2	48	1245	905	1205	902	1157	866	1043
		7	255	68.1	50	1722	1252	1658	1252	1614	1229	1510
												1148
		8	118	41.2	52	1081	786	1038	786	1019	784	975
		9	20	8.8	53	236	172	226	172	223	172	217
		10	1	.5	54	15	11	14	11	14	11	14
												11
			860	194.9		4858	3532	4594	3452	4452	3369	4115
												3109
		MEAN DIA. 6.4 INCHES, WEIBULL PARAMETERS A= 1.8, B= 4.95, C= 4.36										
25	60	3	1	.0	36	1	1					
		4	15	1.3	44	29	21					
		5	65	8.9	49	220	160	215	157	202	148	173
		6	152	29.8	52	785	571	759	571	732	550	666
		7	220	58.8	55	1633	1188	1571	1188	1534	1173	1446
												1104
		8	185	64.6	58	1890	1375	1813	1375	1785	1375	1717
		9	76	33.6	59	999	727	956	727	946	727	921
		10	13	7.1	61	218	159	208	159	207	159	203
		11	1	.7	62	21	15	20	15	20	15	19
												15
			728	204.8		5796	4217	5542	4192	5426	4147	5145
												3940
		MEAN DIA. 7.2 INCHES, WEIBULL PARAMETERS A= 2.3, B= 5.22, C= 4.34										

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—							
								2 inches		3 inches		4 inches			
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft			Ft 3							
30	66	4	4	.3	45	8	6								
		5	25	3.4	52	90	65	87	64	83	61	71	52		
		6	75	14.7	56	417	303	403	303	389	294	357	269		
		7	140	37.4	60	1134	824	1089	824	1067	818	1012	775		
		8	172	60.0	63	1909	1388	1829	1388	1804	1388	1743	1347		
		9	125	55.2	65	1810	1317	1732	1317	1716	1317	1677	1304		
		10	47	25.6	67	866	630	827	630	822	630	810	630		
		11	8	5.3	69	184	134	175	134	175	134	173	134		
			596	202.1		6418	4667	6142	4660	6056	4642	5843	4511		
MEAN DIA. 7.9 INCHES, WEIBULL PARAMETERS A= 2.7, B= 5.56, C= 4.31															
35	72	4	1	.1	45	2	1								
		5	9	1.2	53	33	24	32	24	30	22	26	19		
		6	33	6.5	58	190	138	183	138	178	134	164	123		
		7	73	19.5	62	611	444	587	444	575	441	547	419		
		8	115	40.1	66	1337	972	1281	972	1264	972	1224	947		
		9	123	54.3	68	1863	1356	1782	1356	1767	1356	1730	1346		
		10	84	45.8	71	1640	1193	1566	1193	1558	1193	1538	1193		
		11	32	21.1	73	777	565	742	565	739	565	734	565		
		12	6	4.7	74	176	128	168	128	167	128	167	128		
						476	193.4	6629	4821	6341	4820	6278	4811	6130	4740
MEAN DIA. 8.6 INCHES, WEIBULL PARAMETERS A= 3.0, B= 6.00, C= 4.28															
40	76	5	3	.4	52	11	8	10	8	10	7	9	6		
		6	13	2.6	58	75	54	72	54	70	53	64	49		
		7	33	8.8	62	276	201	265	201	260	199	247	189		
		8	61	21.3	66	709	516	679	516	670	516	649	502		
		9	85	37.6	69	1307	951	1250	951	1239	951	1214	944		
		10	85	46.4	72	1683	1224	1607	1224	1599	1224	1579	1224		
		11	59	38.9	74	1452	1057	1386	1057	1382	1057	1372	1057		
		12	25	19.6	76	752	547	717	547	716	547	714	547		
		13	6	5.5	77	215	156	205	156	204	156	204	156		
		14	1	1.1	79	43	31	41	31	41	31	41	31		
						371	182.2	6523	4745	6232	4745	6191	4741	6093	4705
MEAN DIA. 9.5 INCHES, WEIBULL PARAMETERS A= 3.3, B= 6.61, C= 4.24															

SI 60

1,500 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3							
10	31	1	3	.0	12	0	0						
		2	63	1.4	21	16	11						
		3	273	13.4	26	182	131						
		4	499	43.5	28	626	453						
		5	342	46.6	30	712	517	705	490	638	438	476	315
		6	62	12.2	31	191	139	187	136	175	127	147	105
		7	2	.5	32	9	6	8	6	8	6	7	5
			1244	117.7		1736	1257	900	632	821	571	630	425
			MEAN DIA. 4.2 INCHES, WEIBULL PARAMETERS A= .5, B= 3.94, C= 4.41										
15	43	2	5	.1	26	2	1						
		3	55	2.7	33	46	33						
		4	208	18.2	37	343	249						
		5	390	53.2	40	1080	784	1059	761	984	702	803	564
		6	349	68.5	42	1457	1059	1414	1051	1350	1001	1194	881
		7	116	31.0	43	674	490	650	490	630	476	581	438
		8	10	3.5	45	79	58	76	58	75	57	71	54
			1133	177.2		3681	2674	3199	2360	3039	2236	2649	1937
			MEAN DIA. 5.4 INCHES, WEIBULL PARAMETERS A= 1.2, B= 4.41, C= 4.40										
20	52	3	10	.5	36	9	7						
		4	69	6.0	42	129	94						
		5	204	27.8	46	649	471	634	461	595	431	501	360
		6	331	65.0	49	1611	1171	1559	1169	1499	1123	1355	1012
		7	271	72.4	51	1866	1357	1797	1357	1751	1334	1640	1248
		8	91	31.8	53	850	618	816	618	801	617	767	590
		9	9	4.0	54	108	79	104	79	102	79	99	77
			985	207.5		5222	3797	4910	3684	4748	3584	4362	3287
			MEAN DIA. 6.2 INCHES, WEIBULL PARAMETERS A= 1.8, B= 4.70, C= 4.38										
25	60	3	2	.1	38	2	1						
		4	21	1.8	45	42	30						
		5	87	11.9	50	301	218	293	215	277	202	237	172
		6	199	39.1	54	1067	776	1031	776	995	750	910	684
		7	265	70.8	57	2039	1483	1961	1483	1917	1467	1811	1384
		8	186	64.9	59	1933	1406	1854	1406	1826	1406	1758	1357
		9	57	25.2	61	775	564	741	564	734	564	716	556
		10	6	3.3	62	102	74	98	74	97	74	95	74
			823	217.1		6261	4552	5978	4518	5846	4463	5527	4227
			MEAN DIA. 7.0 INCHES, WEIBULL PARAMETERS A= 2.3, B= 4.98, C= 4.36										

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
						O. b.	I. b.	2 inches		3 inches		4 inches	
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3							
30	66	4	6	.5	46	12	9						
		5	34	4.6	52	122	89	119	87	113	82	97	71
		6	98	19.2	57	555	403	535	403	518	391	476	359
		7	176	47.0	60	1425	1036	1370	1036	1341	1028	1272	974
		8	195	68.1	63	2164	1574	2074	1574	2045	1574	1976	1527
		9	120	53.0	65	1738	1264	1663	1264	1647	1264	1610	1251
		10	34	18.5	67	626	456	598	456	595	456	586	456
		11	4	2.6	69	92	67	88	67	87	67	87	67
			667	213.7		6734	4898	6447	4887	6346	4862	6104	4705
		MEAN DIA. 7.7 INCHES, WEIBULL PARAMETERS A= 2.7, B= 5.32, C= 4.32											
35	72	4	1	.1	46	2	1						
		5	12	1.6	53	44	32	43	31	41	30	35	26
		6	42	8.2	58	242	176	233	176	226	171	208	157
		7	93	24.9	63	791	575	759	575	744	572	708	543
		8	140	48.9	66	1627	1184	1559	1184	1539	1184	1491	1153
		9	135	59.6	68	2045	1488	1956	1488	1939	1488	1899	1477
		10	77	42.0	71	1503	1094	1436	1094	1428	1094	1410	1094
		11	23	15.2	73	558	406	533	406	531	406	527	406
		12	3	2.4	74	88	64	84	64	84	64	83	64
			526	202.9		6903	5020	6603	5018	6532	5009	6361	4920
		MEAN DIA. 8.4 INCHES, WEIBULL PARAMETERS A= 3.0, B= 5.76, C= 4.29											
40	76	5	4	.5	53	15	11	14	10	14	10	12	9
		6	16	3.1	59	94	68	90	68	88	66	81	61
		7	42	11.2	64	363	264	348	264	342	262	325	250
		8	76	26.5	68	910	662	872	662	861	662	835	646
		9	100	44.2	71	1582	1151	1512	1151	1500	1151	1471	1145
		10	92	50.2	73	1846	1344	1764	1344	1755	1344	1733	1344
		11	54	35.6	75	1347	980	1285	980	1282	980	1273	980
		12	18	14.1	77	549	399	523	399	522	399	521	399
		13	3	2.8	79	110	80	105	80	105	80	105	80
			405	188.3		6816	4959	6513	4958	6469	4954	6356	4914
		MEAN DIA. 9.2 INCHES, WEIBULL PARAMETERS A= 3.3, B= 6.35, C= 4.25											

SI 60

1,750 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft							Ft 3	
10	31	1	5	.0	12	0	0						
		2	93	2.0	22	25	17						
		3	389	19.1	26	259	187						
		4	612	53.4	29	794	575						
		5	296	40.4	31	637	462	630	439	572	394	432	288
		6	27	5.3	32	86	62	84	61	79	57	67	48
		—	—	—	—	—	—	—	—	—	—	—	—
		1422	120.2		1801	1303	714	500	651	451	499	336	
		MEAN DIA. 3.9 INCHES, WEIBULL PARAMETERS A= .5, B= 3.70, C= 4.43											
15	43	2	7	.2	26	2	2						
		3	76	3.7	33	64	46						
		4	283	24.7	37	467	338						
		5	486	66.3	40	1346	977	1320	948	1226	875	1000	703
		6	350	68.7	42	1462	1062	1418	1054	1353	1003	1198	884
		7	77	20.6	43	447	325	432	325	418	316	386	291
		8	3	1.0	45	24	17	23	17	22	17	21	16
		—	—	—	—	—	—	—	—	—	—	—	—
		1282	185.2		3812	2767	3193	2344	3019	2211	2605	1894	
		MEAN DIA. 5.1 INCHES, WEIBULL PARAMETERS A= 1.2, B= 4.19, C= 4.42											
20	52	3	14	.7	37	13	9						
		4	92	8.0	43	176	128						
		5	265	36.1	47	861	626	841	613	790	574	669	481
		6	395	77.6	49	1923	1397	1861	1395	1789	1340	1617	1207
		7	269	71.9	51	1852	1347	1784	1347	1738	1324	1628	1238
		8	65	22.7	53	607	441	583	441	572	441	548	421
		9	4	1.8	54	48	35	46	35	46	35	44	34
		—	—	—	—	—	—	—	—	—	—	—	—
		1104	218.8		5480	3983	5115	3831	4935	3714	4506	3381	
		MEAN DIA. 6.0 INCHES, WEIBULL PARAMETERS A= 1.8, B= 4.49, C= 4.40											
25	60	3	2	.1	38	2	1						
		4	27	2.4	45	54	39						
		5	113	15.4	50	391	284	381	279	359	262	308	223
		6	248	48.7	54	1330	967	1285	967	1240	934	1134	852
		7	304	81.2	57	2339	1701	2249	1701	2199	1682	2078	1588
		8	178	62.1	59	1850	1346	1774	1346	1747	1346	1683	1298
		9	40	17.7	61	544	396	520	396	515	396	502	390
		10	2	1.1	62	34	25	33	25	32	25	32	25
		—	—	—	—	—	—	—	—	—	—	—	—
		914	228.7		6544	4759	6242	4714	6092	4645	5737	4376	
		MEAN DIA. 6.8 INCHES, WEIBULL PARAMETERS A= 2.3, B= 4.79, C= 4.37											

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
						O. b.	I. b.	2 inches		3 inches		4 inches	
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3							
30	66	4	7	.6	47	15	11						
		5	43	5.9	53	157	114	153	113	145	107	126	92
		6	123	24.2	57	696	506	672	506	650	491	598	451
		7	211	56.4	60	1709	1243	1642	1243	1608	1232	1525	1167
		8	214	74.7	63	2375	1727	2276	1727	2244	1727	2169	1676
		9	110	48.6	65	1593	1159	1524	1159	1510	1159	1476	1147
		10	23	12.5	67	424	308	405	308	402	308	397	308
		11	2	1.3	69	46	33	44	33	44	33	43	33
			733	224.2		7015	5101	6716	5089	6603	5057	6334	4874
MEAN DIA. 7.5 INCHES, WEIBULL PARAMETERS A= 2.7, B= 5.13, C= 4.34													
35	72	4	2	.2	46	4	3						
		5	15	2.0	53	55	40	53	39	51	37	44	32
		6	52	10.2	59	305	221	294	221	285	215	263	198
		7	113	30.2	63	961	699	923	699	905	695	861	660
		8	162	56.5	66	1883	1370	1804	1370	1781	1370	1725	1334
		9	142	62.7	69	2183	1588	2088	1588	2070	1588	2028	1578
		10	69	37.6	71	1347	980	1287	980	1280	980	1263	980
		11	16	10.6	73	388	283	371	283	370	283	367	283
		12	1	.8	74	29	21	28	21	28	21	28	21
			572	210.9		7155	5205	6848	5201	6770	5189	6579	5086
MEAN DIA. 8.2 INCHES, WEIBULL PARAMETERS A= 3.0, B= 5.57, C= 4.30													
40	76	5	5	.7	53	18	13	18	13	17	12	15	11
		6	20	3.9	59	117	85	113	85	109	83	101	76
		7	51	13.6	64	440	320	423	320	415	319	395	303
		8	90	31.4	68	1078	784	1032	784	1020	784	989	766
		9	112	49.5	71	1771	1289	1694	1289	1680	1289	1648	1283
		10	95	51.8	73	1907	1387	1821	1387	1812	1387	1790	1387
		11	48	31.7	75	1197	871	1143	871	1139	871	1131	871
		12	13	10.2	77	396	288	378	288	377	288	376	288
		13	2	1.8	79	73	53	70	53	70	53	70	53
			436	194.7		6997	5090	6692	5090	6639	5086	6515	5038
MEAN DIA. 9.0 INCHES, WEIBULL PARAMETERS A= 3.3, B= 6.14, C= 4.26													

SI 60

2,000 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
						O. b.	I. b.	2 inches		3 inches		4 inches	
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3							
10	31		1	.7	.0	12	0	0					
		2	134	2.9	22	36	25						
		3	530	26.0	26	353	254						
		4	694	60.6	29	901	652						
		5	223	30.4	31	480	348	474	331	431	297	325	217
		6	9	1.8	32	29	21	28	20	26	19	22	16
			1597	121.7		1799	1300	502	351	457	316	347	233
MEAN DIA. 3.7 INCHES, WEIBULL PARAMETERS A= .5, B= 3.49, C= 4.45													
15	43		2	.9	.2	27	3	2					
		3	103	5.1	33	86	62						
		4	370	32.3	37	610	442						
		5	574	78.3	40	1590	1154	1559	1119	1448	1034	1182	831
		6	325	63.8	42	1357	986	1317	978	1257	932	1112	821
		7	46	12.3	43	267	194	258	194	250	189	230	174
		8	1	.3	45	8	6	8	6	7	6	7	5
			1428	192.3		3921	2846	3142	2297	2962	2161	2531	1831
MEAN DIA. 5.0 INCHES, WEIBULL PARAMETERS A= 1.2, B= 3.99, C= 4.43													
20	52		3	18	.9	37	17	12					
		4	120	10.5	43	230	166						
		5	333	45.4	47	1082	786	1056	770	993	721	841	605
		6	452	88.7	49	2200	1599	2129	1596	2047	1533	1850	1381
		7	252	67.3	51	1735	1262	1671	1262	1628	1240	1525	1160
		8	42	14.7	53	392	285	376	285	370	285	354	272
		9	1	.4	54	12	9	12	9	11	9	11	9
			1218	228.0		5668	4119	5244	3922	5049	3788	4581	3427
MEAN DIA. 5.9 INCHES, WEIBULL PARAMETERS A= 1.8, B= 4.32, C= 4.41													
25	60		3	3	.1	39	3	2					
		4	34	3.0	46	70	50						
		5	141	19.2	51	497	361	484	355	457	335	394	286
		6	299	58.7	54	1603	1165	1549	1165	1496	1126	1367	1027
		7	332	88.7	57	2554	1857	2456	1857	2401	1837	2269	1734
		8	163	56.9	59	1694	1232	1624	1232	1600	1232	1541	1189
		9	27	11.9	61	367	267	351	267	348	267	339	263
		10	1	.5	62	17	12	16	12	16	12	16	12
			1000	239.1		6805	4946	6480	4888	6318	4809	5926	4511
MEAN DIA. 6.6 INCHES, WEIBULL PARAMETERS A= 2.3, B= 4.63, C= 4.38													

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem	5-inch class and greater to o.b. tops of—					
							2 inches		3 inches		4 inches	
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.
Yrs	Ft	In	No.	Ft 2	Ft			Ft 3				
30	66	4	9	.8	47	19	14					
		5	53	7.2	53	194	141	189	139	179	131	155
		6	148	29.1	57	837	609	808	609	782	591	719
		7	245	65.5	61	2017	1467	1938	1467	1898	1456	1802
		8	225	78.5	63	2497	1816	2393	1816	2360	1816	2280
		9	98	43.3	65	1419	1033	1358	1033	1345	1033	1315
		10	16	8.7	67	295	214	282	214	280	214	276
		11	1	.7	69	23	17	22	17	22	17	22
			795	233.8		7301	5311	6990	5295	6866	5258	6569
												5051
		MEAN DIA. 7.3 INCHES, WEIBULL PARAMETERS A= 2.7, B= 4.97, C= 4.35										
35	72	4	2	.2	47	4	3					
		5	18	2.5	54	67	49	65	48	62	46	54
		6	63	12.4	59	369	268	356	268	345	261	318
		7	134	35.8	63	1139	828	1094	828	1073	824	1021
		8	180	62.8	66	2092	1522	2004	1522	1979	1522	1916
		9	146	64.5	69	2244	1633	2146	1633	2128	1633	2085
		10	60	32.7	71	1171	852	1119	852	1113	852	1098
		11	11	7.3	73	267	194	255	194	254	194	252
		12	1	.8	74	29	21	28	21	28	21	28
			615	218.9		7382	5370	7067	5366	6982	5353	6772
												5234
		MEAN DIA. 8.1 INCHES, WEIBULL PARAMETERS A= 3.0, B= 5.40, C= 4.31										
40	76	5	6	.8	54	22	16	22	16	21	15	18
		6	24	4.7	60	143	104	138	104	134	101	124
		7	60	16.0	64	518	377	498	377	488	375	465
		8	104	36.3	68	1245	906	1193	906	1178	906	1143
		9	124	54.8	71	1961	1427	1875	1427	1860	1427	1825
		10	95	51.8	73	1907	1387	1821	1387	1812	1387	1790
		11	42	27.7	76	1062	773	1013	773	1010	773	1003
		12	9	7.1	77	274	200	262	200	261	200	260
		13	1	.9	79	37	27	35	27	35	27	35
			465	200.2		7169	5217	6857	5217	6799	5211	6663
												5155
		MEAN DIA. 8.9 INCHES, WEIBULL PARAMETERS A= 3.3, B= 5.97, C= 4.27										

SI 60

2,250 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3							
10	31	1	10	.1	12	1	0						
		2	187	4.1	22	50	35						
		3	695	34.1	26	463	333						
		4	733	64.0	29	951	689						
		5	143	19.5	31	308	223	304	212	276	191	209	139
		6	2	.4	32	6	5	6	5	6	4	5	4
		---	---	---	---	---	---	---	---	---	---	---	---
		1770	122.1		1779	1285		310	217	282	195	214	143
MEAN DIA. 3.6 INCHES, WEIBULL PARAMETERS A= .5, B= 3.29, C= 4.47													
15	43	2	12	.3	27	4	3						
		3	136	6.7	34	117	85						
		4	471	41.1	38	798	578						
		5	647	88.2	41	1836	1333	1799	1295	1674	1199	1375	970
		6	280	55.0	43	1197	870	1161	864	1109	824	985	728
		7	24	6.4	45	146	106	141	106	137	103	126	96
		---	---	---	---	---	---	---	---	---	---	---	---
		1570	197.7		4098	2975		3101	2265	2920	2126	2486	1794
MEAN DIA. 4.8 INCHES, WEIBULL PARAMETERS A= 1.2, B= 3.82, C= 4.45													
20	52	3	23	1.1	38	22	16						
		4	151	13.2	44	295	214						
		5	406	55.4	48	1348	979	1314	960	1237	900	1052	759
		6	499	78.0	51	2528	1837	2444	1837	2354	1767	2138	1601
		7	225	60.1	53	1610	1171	1549	1171	1511	1153	1420	1082
		8	26	9.1	54	247	180	237	180	233	180	224	172
		---	---	---	---	---	---	---	---	---	---	---	---
		1330	236.9		6050	4397		5544	4148	5335	4000	4834	3614
MEAN DIA. 5.7 INCHES, WEIBULL PARAMETERS A= 1.8, B= 4.16, C= 4.43													
25	60	3	3	.1	40	3	2						
		4	42	3.7	47	88	64						
		5	172	23.5	52	618	449	602	442	569	417	491	358
		6	350	68.7	56	1946	1415	1879	1415	1817	1371	1668	1255
		7	355	94.9	58	2779	2021	2672	2021	2613	2001	2473	1891
		8	144	50.3	60	1522	1107	1459	1107	1438	1107	1386	1070
		9	17	7.5	62	235	171	225	171	222	171	217	169
		---	---	---	---	---	---	---	---	---	---	---	---
		1083	248.6		7191	5229		6837	5156	6659	5067	6235	4743
MEAN DIA. 6.5 INCHES, WEIBULL PARAMETERS A= 2.3, B= 4.48, C= 4.40													

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—							
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3									
30	66	4	11	1.0	48	23	17								
	5	63	8.6	54	235	171	229	169	217	159	188	138			
	6	176	34.6	59	1031	749	995	749	964	729	889	671			
	7	277	74.0	62	2318	1685	2227	1685	2182	1674	2074	1590			
	8	232	81.0	65	2656	1932	2545	1932	2511	1932	2430	1880			
	9	85	37.6	67	1269	923	1214	923	1203	923	1177	915			
	10	10	5.5	69	190	138	181	138	180	138	178	138			
			854	242.1	7722	5615	7391	5596	7257	5555	6936	5332			
MEAN DIA. 7.2 INCHES, WEIBULL PARAMETERS A= 2.7, B= 4.84, C= 4.36															
35	72	4	3	.3	48	6	5								
	5	21	2.9	55	80	58	78	57	74	54	64	47			
	6	74	14.5	60	441	320	425	320	412	312	381	288			
	7	154	41.2	64	1330	967	1277	967	1253	962	1193	916			
	8	199	69.5	68	2383	1734	2283	1734	2254	1734	2187	1693			
	9	146	64.5	70	2277	1656	2177	1656	2159	1656	2117	1647			
	10	52	28.4	72	1029	749	983	749	978	749	966	749			
	11	7	4.6	74	172	125	164	125	164	125	163	125			
			656	225.8	7718	5614	7387	5608	7294	5592	7071	5465			
MEAN DIA. 7.9 INCHES, WEIBULL PARAMETERS A= 3.0, B= 5.27, C= 4.32															
40	76	5	7	1.0	55	27	19	26	19	25	18	21	16		
	6	28	5.5	61	170	123	163	123	159	120	147	111			
	7	69	18.4	66	614	447	590	447	579	445	553	424			
	8	117	40.8	69	1422	1034	1362	1034	1345	1034	1305	1011			
	9	133	58.8	72	2133	1552	2040	1552	2024	1552	1986	1546			
	10	94	51.3	75	1938	1410	1851	1410	1842	1410	1821	1410			
	11	37	24.4	77	948	690	904	690	902	690	896	690			
	12	7	5.5	79	219	159	209	159	208	159	208	159			
			492	205.7	7471	5434	7145	5434	7084	5428	6937	5367			
MEAN DIA. 8.8 INCHES, WEIBULL PARAMETERS A= 3.3, B= 5.83, C= 4.28															

SI 60

2,500 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
						O. b.	I. b.	2 inches		3 inches		4 inches	
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3							

10	31	1	14	.1	12	1	1						
		2	258	5.6	22	68	48						
		3	882	43.3	27	609	439						
		4	709	61.9	30	951	689						
		5	77	10.5	32	171	124	169	118	154	107	117	79
		1940	121.4		1800	1301	169	118	154	107	117	79	

MEAN DIA. 3.4 INCHES, WEIBULL PARAMETERS A= .5, B= 3.11, C= 4.48

15	43	2	15	.3	27	5	3						
		3	176	8.6	34	152	110						
		4	585	51.1	38	991	718						
		5	699	95.3	41	1984	1440	1944	1399	1809	1295	1485	1048
		6	223	43.8	43	953	693	925	688	883	656	785	580
		7	11	2.9	45	67	49	64	49	63	47	58	44
		1709	202.1		4152	3013	2933	2136	2755	1998	2328	1672	

MEAN DIA. 4.7 INCHES, WEIBULL PARAMETERS A= 1.2, B= 3.66, C= 4.46

20	52	2	1	.0	29	0	0						
		3	28	1.4	38	27	19						
		4	187	16.3	44	366	265						
		5	484	66.0	48	1606	1167	1567	1144	1475	1073	1254	904
		6	531	104.3	51	2690	1955	2601	1954	2505	1881	2276	1703
		7	192	51.3	53	1374	999	1322	999	1290	984	1212	924
		8	14	4.9	54	133	97	128	97	126	97	120	93
		1437	244.2		6196	4502	5618	4194	5396	4035	4862	3624	

MEAN DIA. 5.6 INCHES, WEIBULL PARAMETERS A= 1.8, B= 4.02, C= 4.44

25	60	3	4	.2	40	4	3						
		4	51	4.5	47	107	77						
		5	205	28.0	52	737	535	717	527	679	497	586	426
		6	403	79.1	56	2241	1629	2164	1629	2092	1578	1920	1446
		7	367	98.1	58	2873	2089	2762	2089	2702	2068	2556	1955
		8	123	42.9	60	1300	946	1246	946	1228	946	1184	914
		9	10	4.4	62	138	101	132	101	131	101	128	99
		1163	257.2		7400	5380	7021	5292	6832	5190	6374	4840	

MEAN DIA. 6.4 INCHES, WEIBULL PARAMETERS A= 2.3, B= 4.36, C= 4.41

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem	5-inch class and greater to o.b. tops of—					
							2 inches		3 inches		4 inches	
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.
Yrs	Ft	In	No.	Ft 2	Ft			Ft 3				
30	66	4	13	1.1	48	28	20					
		5	74	10.1	54	276	201	269	198	255	187	221
		6	204	40.1	59	1195	869	1153	869	1117	845	1031
		7	307	82.0	62	2569	1868	2468	1868	2418	1856	2299
		8	234	81.7	65	2679	1949	2567	1949	2533	1949	2451
		9	72	31.8	67	1075	782	1028	782	1019	782	997
		10	7	3.8	69	133	97	127	97	126	97	124
			911	250.6		7955	5786	7612	5763	7468	5716	7123
						MEAN DIA. 7.1 INCHES, WEIBULL PARAMETERS A= 2.7, B= 4.72, C= 4.37						
35	72	4	3	.3	48	6	5					
		5	25	3.4	55	95	69	92	68	88	65	76
		6	86	16.9	61	521	379	502	379	487	369	451
		7	174	46.5	65	1526	1110	1465	1110	1438	1105	1371
		8	214	74.7	68	2563	1864	2455	1864	2424	1864	2351
		9	144	63.6	70	2246	1634	2147	1634	2130	1634	2088
		10	44	24.0	72	871	634	832	634	828	634	817
		11	5	3.3	74	123	90	117	90	117	90	116
			695	232.7		7951	5785	7610	5779	7512	5761	7270
						MEAN DIA. 7.8 INCHES, WEIBULL PARAMETERS A= 3.0, B= 5.15, C= 4.33						
40	76	4	1	.1	47	2	2					
		5	7	1.0	55	27	19	26	19	25	18	21
		6	32	6.3	61	194	141	187	141	181	137	168
		7	79	21.1	66	703	512	675	512	663	510	633
		8	130	45.4	70	1602	1166	1535	1166	1516	1166	1473
		9	141	62.3	73	2293	1668	2192	1668	2175	1668	2136
		10	92	50.2	75	1897	1380	1812	1380	1803	1380	1782
		11	31	20.5	77	794	578	758	578	756	578	751
		12	5	3.9	79	156	114	149	114	149	114	148
			518	210.7		7668	5580	7334	5578	7268	5571	7112
						MEAN DIA. 8.6 INCHES, WEIBULL PARAMETERS A= 3.3, B= 5.70, C= 4.29						

SI 70

500 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—				
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3						
10	36	2	2	.0	19	0	0					
	3	13	.6	25	8	6						
	4	42	3.7	29	55	39						
	5	85	11.6	32	189	137	186	131	170	118	130 87	
	6	122	24.0	33	401	291	391	285	368	267	312 225	
	7	118	31.5	35	559	406	541	405	519	388	468 348	
	8	71	24.8	36	451	328	435	328	422	321	393 298	
	9	23	10.2	37	190	138	182	138	179	137	170 130	
	10	4	2.2	37	41	30	39	30	38	30	37 29	
		480	108.6		1894	1375	1774	1317	1696	1261	1510 1117	
		MEAN DIA. 6.4 INCHES, WEIBULL PARAMETERS A= .8, B= 6.02, C= 4.27										
15	50	3	2	.1	31	2	1					
	4	12	1.0	37	20	14						
	5	36	4.9	41	102	74	100	72	93	67	76 54	
	6	72	14.1	44	315	229	305	227	292	217	260 193	
	7	107	28.6	46	665	483	641	483	622	472	578 437	
	8	111	38.7	48	939	683	902	683	884	679	841 645	
	9	77	34.0	49	841	612	806	612	795	612	767 593	
	10	31	16.9	50	426	310	408	310	404	310	394 306	
	11	7	4.6	51	119	86	114	86	113	86	111 86	
	12	1	.8	52	21	15	20	15	20	15	19 15	
		456	143.9		3450	2507	3296	2488	3223	2458	3046 2329	
		MEAN DIA. 7.6 INCHES, WEIBULL PARAMETERS A= 1.7, B= 6.32, C= 4.27										
20	61	4	3	.3	41	5	4					
	5	13	1.8	47	42	31	41	30	39	28	33 24	
	6	35	6.9	51	177	129	171	129	165	124	150 112	
	7	66	17.6	54	481	350	463	350	452	345	425 324	
	8	93	32.5	56	918	667	880	667	866	667	832 641	
	9	96	42.4	58	1241	903	1188	903	1175	903	1143 887	
	10	65	35.5	60	1073	780	1025	780	1018	780	1000 778	
	11	28	18.5	61	568	413	543	413	540	413	534 413	
	12	7	5.5	62	172	125	164	125	163	125	162 125	
	13	1	.9	63	29	21	28	21	28	21	28 21	
		407	161.8		4706	3423	4503	3418	4446	3406	4307 3325	
		MEAN DIA. 8.5 INCHES, WEIBULL PARAMETERS A= 2.4, B= 6.58, C= 4.25										
25	70	4	1	.1	43	2	1					
	5	4	.5	50	14	10	13	10	13	9	11 8	
	6	15	2.9	55	82	60	79	60	76	58	70 53	
	7	33	8.8	59	263	191	253	191	247	189	234 179	
	8	57	19.9	62	622	453	597	453	588	453	568 439	
	9	76	33.6	65	1101	801	1053	801	1043	801	1020 793	
	10	75	40.9	67	1382	1005	1320	1005	1312	1005	1293 1005	
	11	52	34.3	69	1193	868	1139	868	1135	868	1125 868	
	12	24	18.8	70	665	484	634	484	633	484	630 484	
	13	7	6.5	71	231	168	220	168	220	168	220 168	
	14	1	1.1	73	39	29	37	29	37	29	37 29	
		345	167.5		5594	4070	5345	4069	5304	4064	5208 4026	
		MEAN DIA. 9.4 INCHES, WEIBULL PARAMETERS A= 2.9, B= 6.96, C= 4.23										

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
								2 inches		3 inches		4 inches	
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft			Ft 3					
30	77	.5	1	.1	52	4	3	3	3	3	2	3	2
		6	5	1.0	58	29	21	28	21	27	20	25	19
		7	14	3.7	62	117	85	113	85	110	85	105	80
		8	28	9.8	66	325	237	312	237	308	237	298	231
		9	45	19.9	69	692	503	662	503	656	503	643	500
		10	58	31.6	72	1148	835	1097	835	1091	835	1077	835
		11	56	37.0	74	1378	1003	1315	1003	1311	1003	1302	1003
		12	42	33.0	76	1263	919	1205	919	1203	919	1199	919
		13	22	20.3	77	787	573	750	573	750	573	749	573
		14	8	8.6	79	340	248	324	248	324	248	324	248
		15	2	2.5	80	99	72	94	72	94	72	94	72
		281		167.4		6182	4499	5903	4499	5877	4497	5819	4482

MEAN DIA. 10.5 INCHES, WEIBULL PARAMETERS A= 3.4, B= 7.55, C= 4.20

35	83	6	2	.4	58	12	8	11	8	11	8	10	7
		7	5	1.3	63	43	31	41	31	40	31	38	29
		8	11	3.8	68	132	96	126	96	125	96	121	94
		9	20	8.8	71	316	230	302	230	300	230	294	229
		10	31	16.9	74	631	459	602	459	599	459	592	459
		11	39	25.7	77	999	727	953	727	950	727	944	727
		12	41	32.2	79	1282	933	1222	933	1221	933	1218	933
		13	34	31.3	81	1279	931	1219	931	1219	931	1219	931
		14	22	23.5	83	983	716	937	716	937	716	937	716
		15	11	13.5	84	571	416	544	416	544	416	544	416
		16	4	5.6	85	239	174	228	174	228	174	228	174
		17	1	1.6	87	69	50	66	50	66	50	66	50
		221		164.8		6556	4771	6251	4771	6240	4771	6211	4765

MEAN DIA. 11.7 INCHES, WEIBULL PARAMETERS A= 3.8, B= 8.46, C= 4.16

40	89	7	2	.5	63	17	12	16	12	16	12	15	12
		8	4	1.4	68	48	35	46	35	45	35	44	34
		9	8	3.5	72	128	93	123	93	122	93	119	93
		10	13	7.1	76	272	198	259	198	258	198	255	198
		11	18	11.9	79	473	344	451	344	450	344	447	344
		12	24	18.8	81	769	560	734	560	733	560	731	560
		13	27	24.9	83	1041	757	992	757	992	757	992	757
		14	26	27.8	85	1190	866	1134	866	1134	866	1134	866
		15	21	25.8	87	1129	822	1076	822	1076	822	1076	822
		16	14	19.5	88	866	631	825	631	825	631	825	631
		17	8	12.6	90	572	416	544	416	544	416	544	416
		18	3	5.3	91	243	177	231	177	231	177	231	177
		19	1	2.0	92	91	66	87	66	87	66	87	66
		169		161.2		6839	4977	6518	4977	6513	4977	6500	4976

MEAN DIA. 13.2 INCHES, WEIBULL PARAMETERS A= 4.1, B= 9.81, C= 4.12

SI 70

750 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem	5-inch class and greater to o.b. tops of—						
							2 inches		3 inches		4 inches		
							O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	
Yrs	Ft	In	No.	Ft 2	Ft	-----	-----	-----	Ft 3	-----	-----	-----	
10	36	2	5	.1	21	1	1						
		3	34	1.7	27	23	17						
		4	101	8.8	31	140	101						
		5	184	25.1	33	421	306	415	292	379	264	293 198	
		6	204	40.1	34	691	502	673	492	635	463	542 391	
		7	121	32.3	36	589	428	570	427	548	410	495 370	
		8	32	11.2	37	209	152	201	152	196	149	182 139	
		9	3	1.3	37	25	18	24	18	23	18	22 17	
		—	—	—	—	—	—	—	—	—	—	—	
			684	120.6		2099	1525	1883	1381	1781	1304	1534 1115	
			MEAN DIA. 5.7 INCHES, WEIBULL PARAMETERS A= .8, B= 5.22, C= 4.32										
15	50	3	5	.2	34	4	3						
		4	28	2.4	39	49	35						
		5	80	10.9	43	238	173	233	168	218	157	181 128	
		6	150	29.5	46	686	498	664	496	637	475	571 424	
		7	181	48.4	48	1173	853	1131	853	1099	835	1024 777	
		8	131	45.7	50	1154	840	1108	840	1088	836	1037 797	
		9	49	21.6	51	557	405	534	405	527	405	510 394	
		10	6	4.4	52	114	83	109	83	108	83	106 82	
		—	—	—	—	—	—	—	—	—	—	—	
			632	163.2		3975	2890	3779	2845	3677	2791	3429 2602	
			MEAN DIA. 6.9 INCHES, WEIBULL PARAMETERS A= 1.7, B= 5.55, C= 4.31										
20	61	4	7	.6	44	14	10						
		5	29	4.0	49	98	71	96	70	90	66	77 56	
		6	75	14.7	53	395	287	382	287	368	277	336 252	
		7	130	34.7	55	965	702	928	702	907	693	855 652	
		8	149	52.0	58	1522	1107	1460	1107	1437	1107	1383 1067	
		9	108	47.7	60	1444	1050	1382	1050	1368	1050	1333 1034	
		10	42	22.9	61	705	513	673	513	669	513	657 512	
		11	8	5.3	62	165	120	158	120	157	120	155 120	
		12	1	.8	63	25	18	24	18	24	18	24 18	
		—	—	—	—	—	—	—	—	—	—	—	
			549	182.7		5333	3878	5103	3867	5020	3844	4820 3711	
			MEAN DIA. 7.8 INCHES, WEIBULL PARAMETERS A= 2.4, B= 5.81, C= 4.29										
25	70	4	1	.1	46	2	1						
		5	9	1.2	52	32	23	31	23	30	22	26 19	
		6	31	6.1	57	175	128	169	128	164	124	151 114	
		7	68	18.2	61	560	407	538	407	527	404	500 383	
		8	106	37.0	64	1195	869	1145	869	1129	869	1092 845	
		9	116	51.2	66	1706	1241	1632	1241	1617	1241	1582 1230	
		10	81	44.2	68	1514	1102	1447	1102	1438	1102	1418 1102	
		11	34	22.4	70	792	576	756	576	753	576	747 576	
		12	7	5.5	71	197	143	188	143	187	143	186 143	
		13	1	.9	73	34	25	32	25	32	25	32 25	
		—	—	—	—	—	—	—	—	—	—	—	
			454	186.9		6207	4515	5938	4514	5877	4506	5734 4437	
			MEAN DIA. 8.7 INCHES, WEIBULL PARAMETERS A= 2.9, B= 6.15, C= 4.27										

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem	5-inch class and greater to o.b. tops of—						
							2 inches		3 inches		4 inches		
							O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	
Yrs	Ft	In	No.	Ft 2	Ft		Ft 3						
30	77	5	2	.3	54	7	5	7	5	7	5	6	4
		6	11	2.2	63	66	48	63	48	61	46	57	43
		7	29	7.8	64	250	182	241	182	236	181	225	172
		8	55	19.2	68	659	479	631	479	623	479	604	468
		9	79	34.9	71	1250	909	1195	909	1185	909	1162	905
		10	85	46.4	73	1706	1241	1629	1241	1621	1241	1601	1241
		11	61	40.3	76	1542	1122	1471	1122	1467	1122	1457	1122
		12	29	22.8	77	884	643	843	643	842	643	839	643
		13	8	7.4	79	294	214	280	214	280	214	280	214
		14	1	1.1	80	43	31	41	31	41	31	41	31
		360	182.1			6701	4874	6401	4874	6363	4871	6272	4843
MEAN DIA. 9.6 INCHES, WEIBULL PARAMETERS A= 3.4, B= 6.68, C= 4.23													
35	83	5	1	.1	54	4	3	4	3	3	3	3	2
		6	3	.6	61	18	13	18	13	17	13	16	12
		7	10	2.7	66	89	65	85	65	84	65	80	62
		8	22	7.7	71	275	200	263	200	260	200	253	196
		9	39	17.2	74	643	468	615	468	610	468	599	467
		10	53	28.9	77	1122	816	1071	816	1067	816	1055	816
		11	58	38.3	80	1543	1123	1472	1123	1469	1123	1460	1123
		12	47	36.9	82	1525	1110	1454	1110	1453	1110	1450	1110
		13	28	25.8	84	1092	795	1041	795	1041	795	1041	795
		14	11	11.8	85	504	366	480	366	480	366	480	366
		15	3	3.7	87	161	117	154	117	154	117	154	117
		275	173.7			6976	5076	6657	5076	6638	5076	6591	5066
MEAN DIA. 10.8 INCHES, WEIBULL PARAMETERS A= 3.8, B= 7.48, C= 4.19													
40	89	6	1	.2	60	6	4	6	4	6	4	5	4
		7	3	.8	66	27	19	26	19	25	19	24	18
		8	7	2.4	71	88	64	84	64	83	64	80	62
		9	14	6.2	75	234	170	224	170	222	170	218	170
		10	23	12.5	78	493	359	471	359	469	359	464	359
		11	32	21.1	81	862	627	822	627	821	627	816	627
		12	38	29.8	84	1263	919	1204	919	1204	919	1201	919
		13	35	32.3	86	1398	1017	1332	1017	1332	1017	1332	1017
		14	27	28.9	88	1280	931	1219	931	1219	931	1219	931
		15	16	19.6	89	880	641	838	641	838	641	838	641
		16	7	9.8	91	448	326	427	326	427	326	427	326
		17	2	3.2	92	146	106	139	106	139	106	139	106
		205	166.8			7125	5183	6792	5183	6785	5183	6763	5180
MEAN DIA. 12.2 INCHES, WEIBULL PARAMETERS A= 4.1, B= 8.69, C= 4.15													

SI 70

1,000 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—								
								2 inches				3 inches				
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	
Yrs	Ft	In	No.	Ft 2	Ft			Ft 3								
10	36	2	10	.2	23	3	2									
		3	63	3.1	29	47	34									
		4	182	15.9	32	260	188									
		5	293	40.0	34	691	501	681	480	623	436	486	332			
		6	239	46.9	35	833	605	811	595	766	560	657	477			
		7	82	21.9	36	399	290	386	290	371	278	336	251			
		8	9	3.1	37	59	43	57	43	55	42	51	39			
			878	131.1		2292	1663	1935	1408	1815	1316	1530	1099			
			MEAN DIA. 5.2 INCHES, WEIBULL PARAMETERS A= .8, B= 4.74, C= 4.36													
15	50	3	9	.4	35	8	6									
		4	49	4.3	40	87	63									
		5	139	19.0	44	423	307	414	300	387	279	323	230			
		6	235	46.1	47	1097	798	1063	795	1020	762	917	683			
		7	230	61.5	48	1491	1084	1437	1084	1397	1062	1302	988			
		8	112	39.1	50	987	718	948	718	930	715	887	681			
		9	22	9.7	51	250	182	240	182	236	182	229	177			
		10	1	.5	52	14	10	14	10	14	10	13	10			
			797	180.6		4357	3168	4116	3089	3984	3010	3671	2769			
		MEAN DIA. 6.4 INCHES, WEIBULL PARAMETERS A= 1.7, B= 5.09, C= 4.35														
20	61	3	1	.0	38	1	1									
		4	11	1.0	46	22	16									
		5	50	6.8	51	176	128	172	126	162	119	140	101			
		6	124	24.3	54	665	483	642	483	620	467	567	426			
		7	196	52.4	57	1508	1097	1450	1097	1418	1085	1340	1024			
		8	184	64.2	59	1912	1391	1834	1391	1806	1391	1739	1342			
		9	92	40.6	61	1251	910	1197	910	1185	910	1155	897			
		10	20	10.9	62	341	248	326	248	324	248	318	248			
		11	2	1.3	63	42	30	40	30	40	30	39	30			
			680	201.7		5918	4304	5661	4285	5555	4250	5298	4068			
		MEAN DIA. 7.4 INCHES, WEIBULL PARAMETERS A= 2.4, B= 5.35, C= 4.33														
25	70	4	2	.2	48	4	3									
		5	15	2.0	54	56	41	54	40	52	38	45	33			
		6	51	10.0	59	299	217	288	217	279	211	258	195			
		7	108	28.9	63	918	668	882	668	865	664	823	631			
		8	153	53.4	65	1751	1274	1678	1274	1656	1274	1603	1240			
		9	135	59.6	68	2045	1488	1956	1488	1939	1488	1899	1477			
		10	68	37.1	70	1309	952	1250	952	1243	952	1227	952			
		11	17	11.2	71	401	292	383	292	382	292	379	292			
		12	2	1.6	73	58	42	55	42	55	42	55	42			
			551	204.0		6841	4977	6546	4973	6471	4961	6289	4862			
		MEAN DIA. 8.2 INCHES, WEIBULL PARAMETERS A= 2.9, B= 5.68, C= 4.30														

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
						O. b.	I. b.	2 inches		3 inches		4 inches	
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3							
30	77	5	4	.5	56	15	11	15	11	14	11	12	9
		6	18	3.5	62	111	81	107	81	104	79	96	73
		7	46	12.3	66	410	298	393	298	386	297	368	283
		8	85	29.7	70	1048	762	1003	762	991	762	963	746
		9	111	49.0	73	1805	1313	1726	1313	1713	1313	1681	1309
10	96	52.4	75	1980	1440	1890	1440	1881	1440	1860	1440		
11	52	34.3	77	1332	969	1271	969	1267	969	1259	969		
12	15	11.8	79	469	341	447	341	447	341	445	341		
13	2	1.8	80	74	54	71	54	71	54	71	54		
	429	195.4		7244	5269	6923	5269	6874	5266	6755	5224		
MEAN DIA. 9.1 INCHES, WEIBULL PARAMETERS A= 3.4, B= 6.16, C= 4.26													

35	83	5	1	.1	55	4	3	4	3	4	3	3	2
		6	5	1.0	62	31	22	30	22	29	22	27	20
		7	16	4.3	67	145	105	139	105	136	105	130	100
		8	35	12.2	71	438	318	419	318	414	318	402	312
		9	58	25.6	75	969	705	926	705	920	705	903	704
10	74	40.4	77	1567	1140	1496	1140	1489	1140	1473	1140		
11	67	44.2	80	1783	1297	1701	1297	1697	1297	1687	1297		
12	43	33.8	82	1395	1015	1331	1015	1329	1015	1326	1015		
13	18	16.6	84	702	511	669	511	669	511	669	511		
14	4	4.3	85	183	133	174	133	174	133	174	133		
15	1	1.2	87	54	39	51	39	51	39	51	39		
	322	183.7		7271	5288	6940	5288	6912	5288	6845	5273		
MEAN DIA. 10.2 INCHES, WEIBULL PARAMETERS A= 3.8, B= 6.90, C= 4.22													

40	89	6	1	.2	62	6	4	6	4	6	4	5	4
		7	5	1.3	68	46	33	44	33	43	33	41	32
		8	12	4.2	73	154	112	148	112	146	112	142	110
		9	22	9.7	77	377	275	361	275	358	275	352	274
		10	35	19.1	80	770	560	735	560	732	560	725	560
11	44	29.0	83	1215	884	1159	884	1156	884	1150	884		
12	46	36.1	85	1547	1126	1475	1126	1474	1126	1472	1126		
13	37	34.1	87	1495	1088	1425	1088	1425	1088	1425	1088		
14	22	23.5	89	1054	767	1005	767	1005	767	1005	767		
15	9	11.0	91	506	368	482	368	482	368	482	368		
16	3	4.2	92	194	141	185	141	185	141	185	141		
	236	172.6		7364	5358	7025	5358	7012	5358	6984	5354		
MEAN DIA. 11.6 INCHES, WEIBULL PARAMETERS A= 4.1, B= 8.01, C= 4.17													

SI 70

1,250 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
						O. b.	I. b.	2 inches		3 inches		4 inches	
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3							
10	36	2	17	.4	24	5	3						
		3	105	5.2	29	78	56						
		4	285	24.9	32	407	295						
		5	389	53.0	34	917	666	904	638	828	579	645	440
		6	227	44.6	35	791	574	770	565	728	532	624	453
		7	42	11.2	37	210	153	203	153	196	147	177	133
		8	2	.7	37	13	9	13	9	12	9	11	9
		1067	139.9		2421	1756	1890	1365	1764	1267	1457	1035	
MEAN DIA. 4.9 INCHES, WEIBULL PARAMETERS A= .8, B= 4.38, C= 4.39													
15	50	3	13	.6	37	12	9						
		4	77	6.7	42	144	104						
		5	210	28.6	45	654	475	639	464	599	433	502	359
		6	320	62.8	48	1526	1109	1477	1106	1419	1061	1279	954
		7	247	66.0	50	1668	1213	1606	1213	1564	1191	1462	1112
		8	79	27.6	51	710	516	682	516	669	515	639	491
		9	8	3.5	52	93	67	89	67	88	67	85	66
		954	195.9		4807	3493	4493	3366	4339	3267	3967	2982	
MEAN DIA. 6.1 INCHES, WEIBULL PARAMETERS A= 1.7, B= 4.76, C= 4.37													
20	61	3	1	.0	40	1	1						
		4	17	1.5	47	36	26						
		5	76	10.4	52	273	198	266	195	252	184	217	158
		6	181	35.5	56	1006	732	972	732	940	709	862	649
		7	255	68.1	58	1996	1452	1919	1452	1877	1437	1776	1358
		8	196	68.4	60	2072	1507	1986	1507	1957	1507	1886	1456
		9	68	30.0	62	939	683	899	683	890	683	869	674
		10	8	4.4	63	139	101	132	101	132	101	129	101
		802	218.4		6462	4700	6174	4670	6048	4621	5739	4396	
MEAN DIA. 7.1 INCHES, WEIBULL PARAMETERS A= 2.4, B= 5.02, C= 4.35													
25	70	4	3	.3	50	7	5						
		5	23	3.1	56	89	65	86	64	82	61	72	53
		6	75	14.7	61	454	330	438	330	425	322	393	297
		7	151	40.4	64	1304	948	1252	948	1228	944	1170	898
		8	192	67.0	67	2265	1648	2170	1648	2143	1648	2077	1607
		9	140	61.9	69	2152	1566	2058	1566	2041	1566	2000	1556
		10	50	27.3	71	976	710	932	710	927	710	915	710
		11	7	4.6	73	170	124	162	124	162	124	160	124
		641	219.2		7417	5396	7098	5390	7008	5375	6787	5245	
MEAN DIA. 7.9 INCHES, WEIBULL PARAMETERS A= 2.9, B= 5.34, C= 4.32													

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—						
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3								
30	77	5	6	.8	57	24	17	23	17	22	16	19	14	
		6	26	5.1	62	160	116	154	116	150	114	139	105	
		7	66	17.6	67	597	434	573	434	562	433	537	413	
		8	115	40.1	70	1418	1031	1357	1031	1341	1031	1303	1009	
		9	134	59.2	73	2179	1585	2083	1585	2067	1585	2030	1580	
		10	97	52.9	75	2000	1455	1910	1455	1901	1455	1879	1455	
		11	39	25.7	77	999	727	953	727	950	727	944	727	
		12	7	5.5	79	219	159	209	159	208	159	208	159	
		13	1	.9	80	37	27	35	27	35	27	35	27	
			491	208.0		7633	5551	7297	5551	7236	5547	7094	5489	
			MEAN DIA. 8.8 INCHES, WEIBULL PARAMETERS A= 3.4, B= 5.81, C= 4.28											
35	83	5	1	.1	57	4	3	4	3	4	3	3	2	
		6	7	1.4	64	44	32	43	32	42	32	39	29	
		7	23	6.1	69	214	156	205	156	202	155	193	149	
		8	49	17.1	73	630	458	603	458	596	458	580	450	
		9	77	34.0	76	1304	948	1246	948	1237	948	1216	948	
		10	91	49.6	79	1976	1438	1887	1438	1879	1438	1860	1438	
		11	70	46.2	81	1886	1372	1799	1372	1795	1372	1785	1372	
		12	35	27.5	83	1150	837	1096	837	1095	837	1093	837	
		13	10	9.2	85	395	287	376	287	376	287	376	287	
		14	1	1.1	87	47	34	45	34	45	34	45	34	
			364	192.4		7650	5565	7304	5565	7271	5564	7190	5546	
			MEAN DIA. 9.8 INCHES, WEIBULL PARAMETERS A= 3.8, B= 6.50, C= 4.24											
40	89	6	2	.4	63	13	9	12	9	12	9	11	8	
		7	7	1.9	68	64	47	62	47	61	47	58	45	
		8	16	5.6	73	206	150	197	150	195	150	189	147	
		9	31	13.7	77	532	387	508	387	505	387	496	387	
		10	46	25.1	80	1012	736	966	736	962	736	952	736	
		11	54	35.6	83	1491	1085	1422	1085	1419	1085	1412	1085	
		12	50	39.3	85	1682	1224	1604	1224	1603	1224	1600	1224	
		13	34	31.3	87	1374	1000	1309	1000	1309	1000	1309	1000	
		14	16	17.1	89	767	558	731	558	731	558	731	558	
		15	5	6.1	91	281	205	268	205	268	205	268	205	
		16	1	1.4	92	65	47	62	47	62	47	62	47	
			262	177.5		7487	5448	7141	5448	7127	5448	7088	5442	
			MEAN DIA. 11.1 INCHES, WEIBULL PARAMETERS A= 4.1, B= 7.54, C= 4.19											

SI 70

1,500 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3							
10	36	1	1	.0	13	0	0						
		2	25	.5	24	7	5						
		3	159	7.8	30	122	88						
		4	407	35.5	33	600	434						
		5	459	62.6	35	1114	808	1096	776	1007	707	792	543
		6	182	35.7	36	652	474	635	466	601	440	518	377
		7	17	4.5	37	85	62	82	62	79	59	72	54
			1250	146.7		2580	1871	1813	1304	1687	1206	1382	974
			MEAN DIA. 4.6 INCHES, WEIBULL PARAMETERS A= .8, B= 4.10, C= 4.41										
15	50	2	1	.0	29	0	0						
		3	19	.9	37	18	13						
		4	112	9.8	42	209	152						
		5	292	39.8	45	909	660	888	645	832	602	698	499
		6	394	77.4	48	1879	1366	1819	1362	1747	1307	1575	1174
		7	237	63.3	50	1600	1163	1541	1163	1501	1142	1403	1067
		8	48	16.8	51	431	314	414	314	407	313	388	298
		9	2	.9	52	23	17	22	17	22	17	21	16
			1105	208.9		5069	3685	4684	3501	4509	3381	4085	3054
			MEAN DIA. 5.9 INCHES, WEIBULL PARAMETERS A= 1.7, B= 4.49, C= 4.40										
20	61	3	2	.1	41	2	1						
		4	24	2.1	48	51	37						
		5	106	14.5	53	388	282	378	278	358	263	310	226
		6	242	47.5	56	1345	978	1299	978	1256	948	1153	868
		7	307	82.0	58	2403	1748	2311	1748	2260	1730	2138	1635
		8	189	66.0	61	2031	1477	1947	1477	1919	1477	1851	1429
		9	45	19.9	62	622	452	595	452	589	452	575	446
		10	3	1.6	63	52	38	50	38	49	38	49	38
			918	233.7		6894	5013	6580	4971	6431	4908	6076	4642
			MEAN DIA. 6.8 INCHES, WEIBULL PARAMETERS A= 2.4, B= 4.77, C= 4.37										
25	70	4	4	.3	50	9	6						
		5	31	4.2	57	122	89	119	88	113	83	99	73
		6	102	20.0	61	618	449	596	449	578	438	535	405
		7	196	52.4	64	1693	1231	1626	1231	1594	1225	1519	1165
		8	222	77.5	67	2619	1905	2509	1905	2477	1905	2401	1858
		9	133	58.8	69	2044	1487	1955	1487	1939	1487	1900	1478
		10	34	18.5	71	664	483	634	483	631	483	622	483
		11	3	2.0	73	73	53	70	53	69	53	39	53
			725	233.8		7842	5703	7509	5696	7401	5674	7145	5515
			MEAN DIA. 7.7 INCHES, WEIBULL PARAMETERS A= 2.9, B= 5.09, C= 4.34										

Age	Av. dom. ht.	D.b.h	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—						
								2 inches		3 inches		4 inches		
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	
Yrs	Ft	In	No.	Ft 2	Ft			Ft 3						
30	77	4	1	.1	51	2	2							
		5	8	1.1	58	32	23	31	23	30	22	26	19	
		6	35	6.9	64	222	162	214	162	208	158	194	147	
		7	88	23.5	68	807	587	775	587	761	586	728	560	
		8	144	50.3	72	1826	1328	1748	1328	1728	1328	1680	1303	
		9	151	66.7	74	2489	1811	2380	1811	2362	1811	2320	1807	
		10	92	50.2	77	1948	1417	1860	1417	1851	1417	1831	1417	
		11	27	17.8	79	709	516	677	516	675	516	671	516	
		12	3	2.4	80	95	69	91	69	90	69	90	69	
			549	218.9		8130	5915	7776	5913	7705	5907	7540	5838	
			MEAN DIA. 8.6 INCHES, WEIBULL PARAMETERS A= 3.4, B= 5.54, C= 4.30											
35	83	5	2	.3	59	8	6	8	6	8	6	7	5	
		6	10	2.0	65	64	47	62	47	60	46	56	43	
		7	31	8.3	70	293	213	281	213	276	213	264	204	
		8	64	22.3	74	834	607	798	607	790	607	769	596	
		9	96	42.4	78	1668	1214	1594	1214	1583	1214	1558	1214	
		10	99	54.0	81	2204	1604	2105	1604	2096	1604	2076	1604	
		11	68	44.9	83	1877	1366	1791	1366	1787	1366	1778	1366	
		12	27	21.2	85	908	661	866	661	865	661	864	661	
		13	5	4.6	87	202	147	193	147	193	147	193	147	
			402	200.0		8058	5865	7698	5865	7658	5864	7565	5840	
			MEAN DIA. 9.5 INCHES, WEIBULL PARAMETERS A= 3.8, B= 6.20, C= 4.25											
40	89	6	2	.4	64	13	9	12	9	12	9	11	8	
		7	9	2.4	70	85	62	82	62	80	62	77	59	
		8	21	7.3	75	277	202	265	202	263	202	256	198	
		9	39	17.2	79	686	499	656	499	652	499	641	499	
		10	56	30.5	82	1262	919	1205	919	1200	919	1189	919	
		11	64	42.2	84	1788	1301	1706	1301	1702	1301	1694	1301	
		12	52	40.8	87	1790	1303	1707	1303	1706	1303	1704	1303	
		13	30	27.7	89	1240	902	1182	902	1182	902	1182	902	
		14	11	11.8	91	539	392	514	392	514	392	514	392	
		15	2	2.5	92	114	83	108	83	108	83	108	83	
			286	182.8		7794	5672	7437	5672	7419	5672	7376	5664	
			MEAN DIA. 10.8 INCHES, WEIBULL PARAMETERS A= 4.1, B= 7.19, C= 4.20											

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1,750 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—			
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3					
10	36	1	1	.0	13	0	0				
		2	37	.8	24	11	8				
		3	230	11.3	30	176	127				
		4	543	47.4	33	800	580				
		5	491	66.9	35	1191	865	1173	830	1077	757
		6	123	24.2	36	441	320	429	315	406	297
		7	5	1.3	37	25	18	24	18	23	17
			1430	151.9		2644	1918	1626	1163	1506	1071
						MEAN DIA. 4.4 INCHES, WEIBULL PARAMETERS A= .8, B= 3.86, C= 4.43					
15	50	2	1	.0	30	0	0				
		3	27	1.3	38	26	19				
		4	154	13.4	43	295	214				
		5	384	52.4	47	1248	906	1218	888	1145	832
		6	454	89.1	49	2210	1606	2139	1603	2056	1540
		7	206	55.1	51	1419	1031	1366	1031	1331	1014
		8	25	8.7	52	229	167	220	167	216	166
			1251	220.1		5427	3943	4943	3689	4748	3552
						MEAN DIA. 5.7 INCHES, WEIBULL PARAMETERS A= 1.7, B= 4.27, C= 4.42					
20	61	3	2	.1	41	2	1				
		4	32	2.8	48	68	50				
		5	141	19.2	53	516	375	503	370	476	349
		6	308	60.5	56	1712	1245	1654	1245	1599	1206
		7	348	93.0	59	2771	2015	2664	2015	2606	1997
		8	170	59.3	61	1827	1329	1751	1329	1726	1329
		9	27	11.9	62	373	271	357	271	353	271
		10	1	.5	63	17	13	17	13	16	13
			1029	247.4		7286	5299	6946	5243	6776	5165
						MEAN DIA. 6.6 INCHES, WEIBULL PARAMETERS A= 2.4, B= 4.56, C= 4.39					
25	70	4	5	.4	51	11	8				
		5	41	5.6	57	161	117	157	116	149	110
		6	131	25.7	61	793	577	765	577	742	562
		7	240	64.1	65	2105	1531	2021	1531	1983	1524
		8	245	85.5	67	2891	2103	2769	2103	2734	2103
		9	119	52.6	69	1829	1331	1749	1331	1735	1331
		10	22	12.0	71	429	312	410	312	408	312
		11	1	.7	73	24	18	23	18	23	18
			804	246.6		8243	5997	7894	5988	7774	5960
						MEAN DIA. 7.5 INCHES, WEIBULL PARAMETERS A= 2.9, B= 4.89, C= 4.35					

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—						
						O. b.	I. b.	2 inches		3 inches		4 inches		
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3								
30	77	4	1	.1	52	2	2							
		5	10	1.4	59	41	30	40	29	38	28	33	24	
		6	44	8.6	64	279	203	269	203	262	199	243	185	
		7	110	29.4	69	1024	745	983	745	965	743	924	711	
		8	173	60.4	72	2193	1596	2100	1596	2076	1596	2019	1565	
		9	164	72.5	75	2740	1993	2619	1993	2600	1993	2555	1990	
		10	83	45.3	77	1757	1279	1678	1279	1670	1279	1652	1279	
		11	18	11.9	79	473	344	451	344	450	344	447	344	
		12	1	.8	80	32	23	30	23	30	23	30	23	
			604	230.3		8541	6215	8170	6212	8091	6205	7903	6121	
			MEAN DIA. 8.4 INCHES, WEIBULL PARAMETERS A= 3.4, B= 5.33, C= 4.31											
35	83	5	2	.3	59	8	6	8	6	8	6	7	5	
		6	13	2.6	66	85	62	82	62	80	61	74	56	
		7	39	10.4	71	374	272	358	272	352	272	338	260	
		8	79	27.6	75	1043	759	999	759	988	759	962	747	
		9	112	49.5	78	1946	1416	1860	1416	1847	1416	1817	1416	
		10	107	58.4	81	2383	1734	2275	1734	2266	1734	2244	1734	
		11	63	41.6	83	1739	1265	1659	1265	1656	1265	1647	1265	
		12	20	15.7	85	673	490	641	490	641	490	640	490	
		13	3	2.8	87	121	88	116	88	116	88	116	88	
			438	208.7		8372	6092	7998	6092	7954	6091	7845	6061	
			MEAN DIA. 9.3 INCHES, WEIBULL PARAMETERS A= 3.8, B= 5.96, C= 4.26											
40	89	6	3	.6	65	19	14	19	14	18	14	17	13	
		7	11	2.9	70	104	76	100	76	98	75	94	72	
		8	27	9.4	75	357	259	341	259	338	259	329	255	
		9	48	21.2	79	845	615	807	615	802	615	789	615	
		10	66	36.0	82	1488	1083	1420	1083	1415	1083	1402	1083	
		11	69	45.5	85	1950	1419	1861	1419	1857	1419	1849	1419	
		12	51	40.1	87	1756	1278	1674	1278	1673	1278	1671	1278	
		13	25	23.0	89	1033	752	985	752	985	752	985	752	
		14	7	7.5	91	343	250	327	250	327	250	327	250	
		15	1	1.2	92	57	41	54	41	54	41	54	41	
			308	187.5		7952	5787	7588	5787	7567	5786	7517	5778	
			MEAN DIA. 10.6 INCHES, WEIBULL PARAMETERS A= 4.1, B= 6.92, C= 4.21											

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2,000 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
								2 inches		3 inches		4 inches	
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	-----	-----	-----	-----	Ft 3	-----	-----	-----
10	36	1	1	.0	13	0	0						
		2	53	1.2	24	15	11						
		3	321	15.8	30	246	177						
		4	684	59.7	33	1008	730						
		5	476	64.9	35	1155	838	1137	805	1044	733	821	564
		6	70	13.7	36	251	182	244	179	231	169	199	145
		7	1	.3	37	5	4	5	4	5	3	4	3
		---	---	---	---	---	---	---	---	---	---	---	---
		1606	155.5		2680	1942	1386	988	1280	905	1024	712	
		MEAN DIA. 4.2 INCHES, WEIBULL PARAMETERS A= .8, B= 3.65, C= 4.45											
15	50	2	1	.0	30	0	0						
		3	36	1.8	39	36	26						
		4	205	17.9	43	392	284						
		5	484	66.0	47	1573	1143	1535	1119	1443	1048	1222	879
		6	491	96.4	49	2390	1737	2313	1734	2224	1665	2010	1501
		7	164	43.8	51	1129	821	1087	821	1059	807	992	755
		8	12	4.2	52	110	80	106	80	104	80	99	76
		---	---	---	---	---	---	---	---	---	---	---	---
		1393	230.1		5630	4091	5041	3754	4830	3600	4323	3211	
		MEAN DIA. 5.5 INCHES, WEIBULL PARAMETERS A= 1.7, B= 4.08, C= 4.43											
20	61	3	3	.1	43	3	2						
		4	42	3.7	49	91	66						
		5	180	24.5	54	672	488	653	481	619	455	538	393
		6	377	74.0	57	2133	1551	2059	1551	1993	1505	1832	1381
		7	375	100.2	60	3037	2208	2918	2208	2857	2190	2710	2075
		8	144	50.3	62	1573	1144	1507	1144	1486	1144	1435	1108
		9	15	6.6	63	211	153	201	153	200	153	195	151
		---	---	---	---	---	---	---	---	---	---	---	---
		1136	259.5		7720	5612	7338	5537	7155	5447	6710	5108	
		MEAN DIA. 6.5 INCHES, WEIBULL PARAMETERS A= 2.4, B= 4.39, C= 4.40											
25	70	4	7	.6	52	16	12						
		5	51	7.0	58	204	148	198	147	189	140	166	122
		6	163	32.0	63	1019	741	982	741	954	724	886	671
		7	284	75.9	66	2529	1839	2428	1839	2383	1832	2275	1747
		8	260	90.8	69	3159	2298	3026	2298	2989	2298	2901	2247
		9	102	45.1	71	1613	1174	1543	1174	1530	1174	1501	1168
		10	13	7.1	73	261	190	249	190	248	190	245	190
		---	---	---	---	---	---	---	---	---	---	---	---
		880	258.4		8801	6402	8426	6389	8293	6358	7974	6145	
		MEAN DIA. 7.3 INCHES, WEIBULL PARAMETERS A= 2.9, B= 4.72, C= 4.37											

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
								2 inches		3 inches		4 inches	
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	----- Ft 3 -----							
30	77	4	1	.1	52	2	2	47	35	45	33	40	29
	5	12	1.6	59	49	36							
	6	55	10.8	65	355	258	342	258	332	253	310	235	
	7	133	35.5	69	1238	900	1188	900	1167	899	1117	859	
	8	199	69.5	72	2523	1835	2416	1835	2388	1835	2322	1800	
	9	170	75.1	75	2840	2066	2715	2066	2695	2066	2648	2063	
	10	72	39.3	77	1524	1109	1455	1109	1449	1109	1433	1109	
	11	12	7.9	79	315	229	301	229	300	229	298	229	
	12	1	.8	80	32	23	30	23	30	23	30	23	
		655	240.6		8878	6458	8494	6455	8406	6447	8198	6347	
MEAN DIA. 8.2 INCHES, WEIBULL PARAMETERS A= 3.4, B= 5.16, C= 4.32													
35	83	5	2	.3	60	8	6	8	6	8	6	7	5
	6	15	2.9	66	98	71	95	71	92	70	86	65	
	7	47	12.6	71	450	327	432	327	425	327	407	313	
	8	95	33.2	75	1254	913	1201	913	1188	913	1157	898	
	9	129	57.0	78	2241	1631	2142	1631	2128	1631	2093	1631	
	10	112	61.1	81	2494	1815	2381	1815	2372	1815	2349	1815	
	11	56	37.0	83	1546	1125	1475	1125	1472	1125	1464	1125	
	12	14	11.0	85	471	343	449	343	449	343	448	343	
	13	1	.9	87	40	29	39	29	39	29	39	29	
		471	215.9		8602	6260	8222	6260	8173	6259	8050	6224	
MEAN DIA. 9.2 INCHES, WEIBULL PARAMETERS A= 3.8, B= 5.77, C= 4.27													
40	89	6	4	.8	65	26	19	25	19	24	18	23	17
	7	13	3.5	71	125	91	119	91	117	91	113	87	
	8	32	11.2	75	423	307	404	307	400	307	390	302	
	9	57	25.2	79	1003	730	959	730	952	730	937	730	
	10	76	41.5	82	1713	1247	1636	1247	1629	1247	1614	1247	
	11	73	48.2	85	2064	1502	1969	1502	1965	1502	1956	1502	
	12	48	37.7	87	1653	1203	1576	1203	1575	1203	1573	1203	
	13	20	18.4	89	827	602	788	602	788	602	788	602	
	14	5	5.3	91	245	178	233	178	233	178	233	178	
	15	1	1.2	92	57	41	54	41	54	41	54	41	
		329	192.9		8136	5920	7763	5920	7737	5919	7681	5909	
MEAN DIA. 10.4 INCHES, WEIBULL PARAMETERS A= 4.1, B= 6.69, C= 4.22													

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2,250 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—			
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3					
10	36	1	2	.0	13	0	0				
		2	74	1.6	25	22	16				
		3	436	21.4	30	334	240				
		4	818	71.4	34	1241	899				
		5	416	56.7	36	1038	753	1021	725	940	663
		6	33	6.5	37	121	88	118	87	112	82
			1779	157.6	2756	1996	1139	812	1052	745	842
											585
						MEAN DIA. 4.0 INCHES, WEIBULL PARAMETERS A= .8, B= 3.45, C= 4.47					
15	50	2	1	.0	30	0	0				
		3	48	2.4	39	47	34				
		4	266	23.2	44	521	377				
		5	590	80.4	47	1918	1393	1872	1364	1759	1278
		6	504	99.0	49	2453	1783	2374	1780	2283	1709
			7	119	31.8	51	819	596	789	596	769
			8	4	1.4	52	37	27	35	27	35
			1532	238.2		5795	4210	5070	3767	4846	3600
											4305
											3184
						MEAN DIA. 5.3 INCHES, WEIBULL PARAMETERS A= 1.7, B= 3.91, C= 4.45					
20	61	3	3	.1	43	3	2				
		4	53	4.6	50	118	85				
		5	225	30.7	54	839	610	817	602	774	569
		6	444	87.2	58	2556	1858	2467	1858	2389	1805
		7	390	104.2	60	3158	2297	3035	2297	2971	2278
			8	116	40.5	62	1267	921	1214	921	1197
			9	8	3.5	63	112	82	107	82	106
			1239	270.9		8053	5855	7640	5760	7437	5655
											6952
											5283
						MEAN DIA. 6.3 INCHES, WEIBULL PARAMETERS A= 2.4, B= 4.23, C= 4.41					
25	70	4	8	.7	53	19	14				
		5	63	8.6	59	257	186	249	185	238	176
		6	197	38.7	63	1232	895	1187	895	1153	875
		7	326	67.1	66	2903	2111	2787	2111	2735	2103
		8	266	92.9	69	3232	2351	3095	2351	3058	2351
			9	85	37.6	71	1344	978	1286	978	1275
			10	8	4.4	73	161	117	153	117	153
			953	269.9		9148	6652	8757	6637	8612	6600
											8261
											6360
						MEAN DIA. 7.2 INCHES, WEIBULL PARAMETERS A= 2.9, B= 4.58, C= 4.38					

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem	5-inch class and greater to o.b. tops of—						
							2 inches		3 inches		4 inches		
							O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	
Yrs	Ft	In	No.	Ft 2	Ft	-----	-----	-----	Ft 3	-----	-----	-----	
30	77	4	1	.1	54	2	2	61	46	59	43	52	38
		5	15	2.0	61	63	46	416	314	405	308	378	287
		6	66	13.0	66	432	314	1423	1078	1398	1077	1339	1031
		7	157	42.0	70	1483	1078	2781	2114	2751	2114	2678	2077
		8	223	77.8	74	2906	2114	-----	-----	-----	-----	-----	-----
		9	173	76.4	76	2929	2131	2799	2131	2780	2131	2732	2129
		10	61	33.3	78	1308	952	1249	952	1244	952	1231	952
		11	8	5.3	80	213	155	203	155	203	155	201	155
		---	---	---	---	---	---	---	---	---	---	---	---
			704	249.9		9336	6792	8932	6790	8840	6780	8611	6669
			MEAN DIA. 8.1 INCHES, WEIBULL PARAMETERS A= 3.4, B= 5.01, C= 4.33										
35	83	5	3	.4	60	12	9	12	9	12	9	10	8
		6	18	3.5	66	118	86	114	86	110	84	103	78
		7	56	15.0	71	536	390	515	390	506	390	485	373
		8	110	38.4	75	1453	1057	1390	1057	1376	1057	1340	1039
		9	142	62.7	78	2467	1795	2358	1795	2342	1795	2304	1795
		10	113	61.6	81	2516	1831	2402	1831	2393	1831	2370	1831
		11	49	32.3	83	1353	984	1290	984	1288	984	1281	984
		12	10	7.9	85	336	245	321	245	321	245	320	245
		13	1	.9	87	40	29	39	29	39	29	39	29
		---	---	---	---	---	---	---	---	---	---	---	---
			502	222.8		8831	6426	8441	6426	8387	6424	8252	6382
			MEAN DIA. 9.0 INCHES, WEIBULL PARAMETERS A= 3.8, B= 5.61, C= 4.28										
40	89	6	4	.8	66	26	19	25	19	25	19	23	17
		7	16	4.3	72	155	113	149	113	147	113	141	108
		8	38	13.3	77	515	375	493	375	488	375	476	369
		9	66	29.2	80	1176	856	1124	856	1117	856	1099	856
		10	84	45.8	84	1940	1411	1852	1411	1845	1411	1829	1411
		11	76	50.2	86	2174	1582	2073	1582	2070	1582	2061	1582
		12	45	35.3	88	1567	1140	1494	1140	1493	1140	1492	1140
		13	16	14.7	90	669	487	637	487	637	487	637	487
		14	3	3.2	92	149	108	142	108	142	108	142	108
		---	---	---	---	---	---	---	---	---	---	---	---
			348	196.8		8371	6091	7989	6091	7964	6091	7900	6078
			MEAN DIA. 10.2 INCHES, WEIBULL PARAMETERS A= 4.1, B= 6.50, C= 4.23										

SI 70

2,500 stems per acre

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—				
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3						
10	36	1	2	.0	13	0	0					
		2	102	2.2	25	30	22					
		3	577	28.3	30	441	318					
		4	931	81.2	34	1413	1023					
		5	326	44.5	36	813	590	800	568	737	519	
		6	12	2.4	37	44	32	43	32	41	30	
			1950	158.6		2741	1985	843	600	778	549	
										619	429	
			MEAN DIA. 3.9 INCHES, WEIBULL PARAMETERS A= .8, B= 3.27, C= 4.48									
15	50	2	2	.0	30	1	1					
		3	62	3.0	39	61	44					
		4	339	29.6	44	663	481					
		5	695	94.8	47	2259	1641	2205	1607	2072	1505	
		6	490	96.2	49	2385	1734	2308	1731	2219	1662	
		7	79	21.1	51	544	396	524	396	510	389	
		8	1	.3	52	9	7	9	7	9	7	
			1668	245.1		5922	4304	5046	3741	4810	3563	
										4247	3130	
			MEAN DIA. 5.2 INCHES, WEIBULL PARAMETERS A= 1.7, B= 3.75, C= 4.46									
20	61	3	4	.2	43	4	3					
		4	66	5.8	50	147	106					
		5	275	37.5	54	1026	745	.998	736	946	696	
		6	513	100.7	58	2954	2147	2851	2147	2760	2086	
		7	390	104.2	60	3158	2297	3035	2297	2971	2278	
		8	88	30.7	62	961	699	921	699	908	699	
		9	4	1.8	63	56	41	54	41	53	41	
			1340	280.9		8306	6038	7859	5920	7638	5800	
										7112	5394	
			MEAN DIA. 6.2 INCHES, WEIBULL PARAMETERS A= 2.4, B= 4.09, C= 4.43									
25	70	4	10	.9	53	24	17					
		5	76	10.4	59	310	225	301	223	287	212	
		6	233	45.7	63	1457	1059	1404	1059	1364	1035	
		7	367	98.1	66	3268	2377	3138	2377	3079	2368	
		8	266	92.9	69	3232	2351	3095	2351	3058	2351	
		9	68	30.0	71	1076	783	1028	783	1020	783	
		10	4	2.2	73	80	58	77	58	76	58	
			1024	280.1		9447	6870	9043	6851	8884	6807	
										8503	6539	
			MEAN DIA. 7.1 INCHES, WEIBULL PARAMETERS A= 2.9, B= 4.45, C= 4.39									

Age	Av. dom. ht.	D.b.h.	Stems per acre	Basal area	Av. ht.	All trees, total stem		5-inch class and greater to o.b. tops of—					
						O. b.	I. b.	O. b.	I. b.	O. b.	I. b.	O. b.	I. b.
Yrs	Ft	In	No.	Ft 2	Ft	Ft 3							
30	77	4	1	.1	54	2	2						
		5	17	2.3	61	72	52	69	52	66	49	59	43
		6	77	15.1	66	504	367	486	367	473	359	441	335
		7	182	48.6	70	1719	1250	1649	1250	1621	1249	1553	1195
		8	247	86.2	74	3218	2341	3081	2341	3047	2341	2967	2301
		9	172	76.0	76	2912	2119	2783	2119	2764	2119	2716	2117
		10	50	27.3	78	1072	780	1024	780	1019	780	1009	780
		11	5	3.3	80	133	97	127	97	127	97	126	97
			751	258.9		9632	7008	9219	7006	9117	6994	8871	6868
MEAN DIA. 8.0 INCHES, WEIBULL PARAMETERS A= 3.4, B= 4.88, C= 4.34													
35	83	5	3	.4	62	13	9	12	9	12	9	11	8
		6	21	4.1	68	142	103	136	103	133	101	124	94
		7	65	17.4	73	640	466	614	466	604	466	580	447
		8	125	43.6	77	1695	1233	1622	1233	1605	1233	1565	1215
		9	156	68.9	80	2780	2023	2656	2023	2639	2023	2598	2023
		10	113	61.6	82	2547	1854	2432	1854	2422	1854	2400	1854
		11	42	27.7	85	1187	864	1133	864	1130	864	1125	864
		12	7	5.5	87	241	175	230	175	230	175	229	175
			532	229.3		9245	6727	8835	6727	8775	6725	8632	6680
MEAN DIA. 8.9 INCHES, WEIBULL PARAMETERS A= 3.8, B= 5.47, C= 4.29													
40	89	5	1	.1	60	4	3	4	3	4	3	3	3
		6	5	1.0	67	33	24	32	24	31	24	29	22
		7	18	4.8	72	175	127	168	127	165	127	158	122
		8	44	15.4	77	596	434	571	434	565	434	551	428
		9	74	32.7	81	1335	971	1276	971	1268	971	1249	971
		10	90	49.1	84	2078	1512	1984	1512	1977	1512	1959	1512
		11	77	50.8	86	2202	1603	2101	1603	2097	1603	2088	1603
		12	42	33.0	89	1479	1076	1410	1076	1410	1076	1408	1076
		13	13	12.0	90	543	395	518	395	518	395	518	395
		14	2	2.1	92	99	72	94	72	94	72	94	72
			366	201.0		8544	6217	8158	6217	8129	6217	8057	6204
MEAN DIA. 10.0 INCHES, WEIBULL PARAMETERS A= 4.1, B= 6.34, C= 4.24													

Smalley, Glendon W., and Bailey, Robert L.

1974. Yield tables and stand structure for loblolly pine plantations in Tennessee, Alabama, and Georgia highlands. South. For. Exp. Stn., New Orleans, La. 81 p. (USDA For. Serv. Res. Pap. SO-96)

Detailed schedules of trees per acre, basal area, mean tree height, and cubic-foot yields in eight volume categories by 1-inch diameter classes are presented for all combinations of four site indexes, seven ages from seed, and nine planting densities.

Additional keywords: *Pinus taeda*, diameter distributions, Weibull function, survival, height-diameter relationships.