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3 BASAL AREA TABLE FOR DIAMETERS

FROM 1 TO 240 INCHES BY TENTH-INCH CLASSES 4

3 By

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SEP 11 2008
CATALOGING PREP

The basal area of a tree is the cross-sectional area of the stem at 4.5 feet above the ground. In the United States, basal area customarily is calculated in square feet from the diameter outside bark. In young fully stocked stands, basal area increases rapidly, but it levels off as the stands mature and usually does not increase in later years. Consequently, total basal area of the trees on a forest unit often is used as a measure of stocking, and is considered as the best single criterion for evaluating this attribute.

Basal area also has other uses. One example is in calculating mean diameter of the trees in a forest stand, the average diameter being defined as the diameter of a tree having the average basal area.

Many basal area tables have been published, but none of those readily available lists areas for diameters larger than 60 inches; hence, published tables are seldom useful for stands of large trees such as the redwoods (Sequoia sempervirens (D. Don) Endl.) in California. Furthermore, some of the old tables were developed by reading curves and, although entirely satisfactory as a working tool, are not finely accurate.

The basal area table published here includes basal areas of circles from 1 to 240 inches in diameter. Table entries were calculated by an electronic computer using 3.141592654 for the value of pi.

1/ Meyer, Arthur B., and Eyre, F. H., editors. Forest terminology. Ed. 3, 97 pp. Soc. Amer. Foresters, Wash., D. C. 1958. (This edition of Forest Terminology incorrectly states that basal area is usually computed for the cross section inside bark unless otherwise stated.)

Table of basal area in square feet by .1 inch increment of diameter breast height from 1 inch to 240 inches

	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
1	0055	0066	0079	0092	0107	0123	0140	0158	0177	0197
2	0218	0241	0264	0289	0314	0341	0369	0398	0428	0459
3	0491	0524	0559	0594	0631	0668	0707	0747	0788	0830
4	0873	0917	0962	1008	1056	1104	1154	1205	1257	1310
5	1364	1419	1475	1532	1590	1650	1710	1772	1835	1899
6	1963	2029	2097	2165	2234	2304	2376	2448	2522	2597
7	2673	2749	2827	2907	2987	3068	3150	3234	3318	3404
8	3491	3578	3667	3757	3848	3941	4034	4128	4224	4320
9	4418	4517	4616	4717	4819	4922	5027	5132	5238	5346
10	5454	5564	5675	5786	5899	6013	6128	6244	6362	6480
11	6600	6720	6842	6964	7088	7213	7339	7466	7594	7724
12	7854	7985	8118	8252	8386	8522	8659	8797	8936	9076
13	9218	9360	9503	9648	9793	9940	1.0088	1.0237	1.0387	1.0538
14	1.0690	1.0843	1.0998	1.1153	1.1310	1.1467	1.1626	1.1786	1.1947	1.2109
15	1.2272	1.2436	1.2601	1.2768	1.2935	1.3104	1.3273	1.3444	1.3616	1.3789
16	1.3963	1.4138	1.4314	1.4491	1.4669	1.4849	1.5029	1.5211	1.5394	1.5578
17	1.5763	1.5948	1.6136	1.6324	1.6513	1.6703	1.6895	1.7087	1.7281	1.7476
18	1.7671	1.7868	1.8066	1.8265	1.8466	1.8667	1.8869	1.9073	1.9277	1.9483
19	1.9689	1.9897	2.0106	2.0316	2.0527	2.0739	2.0953	2.1167	2.1382	2.1599
20	2.1817	2.2035	2.2255	2.2476	2.2698	2.2921	2.3145	2.3371	2.3597	2.3824
21	2.4053	2.4282	2.4513	2.4745	2.4978	2.5212	2.5447	2.5683	2.5920	2.6159
22	2.6398	2.6639	2.6880	2.7123	2.7367	2.7612	2.7858	2.8105	2.8353	2.8602
23	2.8852	2.9104	2.9356	2.9610	2.9865	3.0121	3.0377	3.0635	3.0895	3.1155
24	3.1416	3.1678	3.1942	3.2206	3.2472	3.2739	3.3006	3.3275	3.3545	3.3816
25	3.4088	3.4362	3.4636	3.4911	3.5188	3.5466	3.5744	3.6024	3.6305	3.6587

Table of basal area in square feet by .1 inch increment of diameter breast height from 1 inch to 240 inches—Con.

	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
26	3.6870	3.7154	3.7439	3.7726	3.8013	3.8302	3.8591	3.8882	3.9174	3.9467
27	3.9761	4.0056	4.0352	4.0649	4.0948	4.1247	4.1548	4.1849	4.2152	4.2456
28	4.2761	4.3067	4.3374	4.3682	4.3991	4.4301	4.4613	4.4925	4.5239	4.5554
29	4.5869	4.6186	4.6504	4.6823	4.7144	4.7465	4.7787	4.8111	4.8435	4.8761
30	4.9087	4.9415	4.9744	5.0074	5.0405	5.0737	5.1071	5.1405	5.1740	5.2077
31	5.2414	5.2753	5.3093	5.3434	5.3776	5.4119	5.4463	5.4808	5.5155	5.5502
32	5.5851	5.6200	5.6551	5.6903	5.7256	5.7610	5.7965	5.8321	5.8678	5.9036
33	5.9396	5.9756	6.0118	6.0481	6.0844	6.1209	6.1575	6.1942	6.2310	6.2680
34	6.3050	6.3421	6.3794	6.4168	6.4542	6.4918	6.5295	6.5673	6.6052	6.6432
35	6.6813	6.7196	6.7579	6.7964	6.8349	6.8736	6.9124	6.9513	6.9903	7.0294
36	7.0686	7.1079	7.1473	7.1869	7.2265	7.2663	7.3062	7.3461	7.3862	7.4264
37	7.4667	7.5072	7.5477	7.5883	7.6291	7.6699	7.7109	7.7519	7.7931	7.8344
38	7.8758	7.9173	7.9589	8.0006	8.0425	8.0844	8.1265	8.1686	8.2109	8.2533
39	8.2958	8.3384	8.3811	8.4239	8.4668	8.5098	8.5530	8.5962	8.6396	8.6831
40	8.7266	8.7703	8.8141	8.8580	8.9021	8.9462	8.9904	9.0348	9.0792	9.1238
41	9.1684	9.2132	9.2581	9.3031	9.3482	9.3934	9.4387	9.4842	9.5297	9.5754
42	9.6211	9.6670	9.7130	9.7591	9.8053	9.8516	9.8980	9.9445	9.9911	10.0379
43	10.0847	10.1317	10.1788	10.2259	10.2732	10.3206	10.3681	10.4157	10.4635	10.5113
44	10.5592	10.6073	10.6555	10.7037	10.7521	10.8006	10.8492	10.8979	10.9467	10.9956
45	11.0447	11.0938	11.1431	11.1924	11.2419	11.2915	11.3412	11.3909	11.4409	11.4909
46	11.5410	11.5912	11.6416	11.6920	11.7426	11.7932	11.8440	11.8949	11.9459	11.9970
47	12.0482	12.0996	12.1510	12.2025	12.2542	12.3059	12.3578	12.4098	12.4619	12.5141
48	12.5664	12.6188	12.6713	12.7239	12.7767	12.8295	12.8825	12.9356	12.9887	13.0420
49	13.0954	13.1489	13.2025	13.2563	13.3101	13.3640	13.4181	13.4723	13.5265	13.5809
50	13.6354	13.6900	13.7447	13.7995	13.8544	13.9095	13.9646	14.0198	14.0752	14.1307

Table of basal area in square feet by .1 inch increment of diameter breast height from 1 inch to 240 inches—Con.

	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
51	14.1863	14.2419	14.2977	14.3536	14.4097	14.4658	14.5220	14.5784	14.6348	14.6914
52	14.7480	14.8048	14.8617	14.9187	14.9758	15.0330	15.0903	15.1478	15.2053	15.2630
53	15.3207	15.3786	15.4366	15.4947	15.5528	15.6112	15.6696	15.7281	15.7867	15.8455
54	15.9043	15.9633	16.0223	16.0815	16.1408	16.2002	16.2597	16.3193	16.3790	16.4389
55	16.4988	16.5589	16.6190	16.6793	16.7397	16.8002	16.8608	16.9215	16.9823	17.0432
56	17.1042	17.1654	17.2266	17.2880	17.3494	17.4110	17.4727	17.5345	17.5964	17.6584
57	17.7205	17.7828	17.8451	17.9076	17.9701	18.0328	18.0956	18.1585	18.2215	18.2846
58	18.3478	18.4111	18.4745	18.5381	18.6017	18.6655	18.7293	18.7933	18.8574	18.9216
59	18.9859	19.0503	19.1148	19.1795	19.2442	19.3091	19.3740	19.4391	19.5043	19.5696
60	19.6350	19.7005	19.7661	19.8318	19.8976	19.9636	20.0296	20.0958	20.1620	20.2284
61	20.2949	20.3615	20.4282	20.4950	20.5619	20.6290	20.6961	20.7634	20.8307	20.8982
62	20.9658	21.0335	21.1012	21.1692	21.2372	21.3053	21.3735	21.4419	21.5103	21.5789
63	21.6475	21.7163	21.7852	21.8542	21.9233	21.9925	22.0618	22.1313	22.2008	22.2705
64	22.3402	22.4101	22.4801	22.5501	22.6203	22.6906	22.7611	22.8316	22.9022	22.9730
65	23.0438	23.1148	23.1858	23.2570	23.3283	23.3997	23.4712	23.5428	23.6145	23.6864
66	23.7583	23.8303	23.9025	23.9748	24.0471	24.1196	24.1922	24.2649	24.3377	24.4107
67	24.4837	24.5568	24.6301	24.7034	24.7769	24.8505	24.9242	24.9980	25.0719	25.1459
68	25.2200	25.2942	25.3686	25.4430	25.5176	25.5923	25.6670	25.7419	25.8169	25.8920
69	25.9672	26.0425	26.1180	26.1935	26.2692	26.3449	26.4208	26.4968	26.5729	26.6491
70	26.7254	26.8018	26.8783	26.9549	27.0317	27.1085	27.1855	27.2625	27.3397	27.4170
71	27.4944	27.5719	27.6495	27.7272	27.8051	27.8830	27.9610	28.0392	28.1175	28.1958
72	28.2743	28.3529	28.4316	28.5104	28.5894	28.6684	28.7475	28.8268	28.9061	28.9856
73	29.0652	29.1449	29.2247	29.3046	29.3846	29.4647	29.5449	29.6253	29.7057	29.7863
74	29.8669	29.9477	30.0286	30.1096	30.1907	30.2719	30.3532	30.4347	30.5162	30.5979
75	30.6796	30.7615	30.8435	30.9255	31.0077	31.0900	31.1725	31.2550	31.3376	31.4203

Table of basal area in square feet by .1 inch increment of diameter breast height from 1 inch to 240 inches—Con.

	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
76	31.5032	31.5862	31.6692	31.7524	31.8357	31.9191	32.0026	32.0862	32.1699	32.2537
77	32.3377	32.4217	32.5059	32.5902	32.6745	32.7590	32.8436	32.9283	33.0131	33.0980
78	33.1831	33.2682	33.3535	33.4388	33.5243	33.6099	33.6955	33.7813	33.8672	33.9533
79	34.0394	34.1256	34.2119	34.2984	34.3850	34.4716	34.5584	34.6453	34.7323	34.8194
80	34.9066	34.9939	35.0813	35.1689	35.2565	35.3443	35.4321	35.5201	35.6082	35.6964
81	35.7847	35.8731	35.9616	36.0503	36.1390	36.2279	36.3168	36.4059	36.4951	36.5843
82	36.6737	36.7632	36.8528	36.9426	37.0324	37.1223	37.2124	37.3025	37.3928	37.4832
83	37.5737	37.6643	37.7550	37.8458	37.9367	38.0277	38.1189	38.2101	38.3015	38.3929
84	38.4845	38.5762	38.6680	38.7599	38.8519	38.9440	39.0363	39.1286	39.2210	39.3136
85	39.4063	39.4990	39.5919	39.6849	39.7780	39.8712	39.9646	40.0580	40.1515	40.2452
86	40.3389	40.4328	40.5268	40.6208	40.7150	40.8093	40.9038	40.9983	41.0929	41.1876
87	41.2825	41.3774	41.4725	41.5677	41.6630	41.7584	41.8539	41.9495	42.0452	42.1410
88	42.2370	42.3330	42.4292	42.5254	42.6218	42.7183	42.8149	42.9116	43.0084	43.1053
89	43.2024	43.2995	43.3967	43.4941	43.5916	43.6891	43.7868	43.8846	43.9825	44.0805
90	44.1786	44.2769	44.3752	44.4737	44.5722	44.6709	44.7697	44.8685	44.9675	45.0666
91	45.1658	45.2652	45.3646	45.4641	45.5638	45.6635	45.7634	45.8634	45.9635	46.0637
92	46.1640	46.2644	46.3649	46.4655	46.5663	46.6671	46.7681	46.8691	46.9703	47.0716
93	47.1730	47.2745	47.3761	47.4778	47.5796	47.6816	47.7836	47.8858	47.9880	48.0904
94	48.1929	48.2955	48.3982	48.5010	48.6039	48.7070	48.8101	48.9133	49.0167	49.1202
95	49.2237	49.3274	49.4312	49.5351	49.6391	49.7432	49.8475	49.9518	50.0563	50.1608
96	50.2655	50.3703	50.4751	50.5801	50.6852	50.7904	50.8958	51.0012	51.1067	51.2124
97	51.3181	51.4240	51.5300	51.6361	51.7423	51.8486	51.9550	52.0615	52.1681	52.2748
98	52.3817	52.4887	52.5957	52.7029	52.8102	52.9176	53.0251	53.1327	53.2404	53.3482
99	53.4562	53.5642	53.6724	53.7806	53.8890	53.9975	54.1061	54.2148	54.3236	54.4325
100	54.5415	54.6507	54.7599	54.8693	54.9787	55.0883	55.1980	55.3078	55.4177	55.5277

Table of basal area in square feet by .1 inch increment of diameter breast height from 1 inch to 240 inches—Con.

	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
101	55.6378	55.7481	55.8584	55.9688	56.0794	56.1901	56.3008	56.4117	56.5227	56.6338
102	56.7450	56.8563	56.9678	57.0793	57.1910	57.3027	57.4146	57.5265	57.6386	57.7508
103	57.8631	57.9755	58.0880	58.2007	58.3134	58.4263	58.5392	58.6523	58.7655	58.8787
104	58.9921	59.1056	59.2192	59.3330	59.4468	59.5607	59.6748	59.7889	59.9032	60.0176
105	60.1320	60.2466	60.3613	60.4762	60.5911	60.7061	60.8212	60.9365	61.0518	61.1673
106	61.2829	61.3986	61.5143	61.6302	61.7463	61.8624	61.9786	62.0949	62.2114	62.3279
107	62.4446	62.5614	62.6783	62.7953	62.9124	63.0296	63.1469	63.2643	63.3819	63.4995
108	63.6173	63.7351	63.8531	63.9712	64.0894	64.2077	64.3261	64.4446	64.5632	64.6820
109	64.8008	64.9198	65.0388	65.1580	65.2773	65.3967	65.5162	65.6358	65.7555	65.8753
110	65.9953	66.1153	66.2355	66.3557	66.4761	66.5966	66.7172	66.8379	66.9587	67.0796
111	67.2006	67.3218	67.4430	67.5644	67.6858	67.8074	67.9291	68.0509	68.1728	68.2948
112	68.4169	68.5391	68.6615	68.7839	68.9065	69.0291	69.1519	69.2748	69.3978	69.5209
113	69.6441	69.7674	69.8908	70.0144	70.1380	70.2618	70.3856	70.5096	70.6337	70.7579
114	70.8822	71.0066	71.1311	71.2557	71.3805	71.5053	71.6303	71.7553	71.8805	72.0058
115	72.1312	72.2567	72.3823	72.5080	72.6338	72.7598	72.8858	73.0120	73.1382	73.2646
116	73.3911	73.5177	73.6444	73.7712	73.8981	74.0251	74.1523	74.2795	74.4069	74.5343
117	74.6619	74.7896	74.9174	75.0453	75.1733	75.3014	75.4296	75.5580	75.6864	75.8150
118	75.9436	76.0724	76.2013	76.3303	76.4594	76.5886	76.7179	76.8473	76.9769	77.1065
119	77.2363	77.3661	77.4961	77.6262	77.7564	77.8867	78.0171	78.1476	78.2782	78.4090
120	78.5398	78.6708	78.8018	78.9330	79.0643	79.1957	79.3272	79.4588	79.5905	79.7223
121	79.8543	79.9863	80.1185	80.2507	80.3831	80.5156	80.6482	80.7809	80.9137	81.0466
122	81.1796	81.3128	81.4460	81.5794	81.7128	81.8464	81.9801	82.1139	82.2478	82.3818
123	82.5159	82.6501	82.7845	82.9189	83.0535	83.1881	83.3229	83.4578	83.5928	83.7279
124	83.8631	83.9984	84.1338	84.2694	84.4050	84.5408	84.6766	84.8126	84.9487	85.0849
125	85.2212	85.3576	85.4941	85.6307	85.7674	85.9043	86.0412	86.1783	86.3155	86.4528

Table of basal area in square feet by .1 inch increment of diameter breast height from 1 inch to 240 inches—Con.

	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
126	86.5901	86.7276	86.8653	87.0030	87.1408	87.2787	87.4168	87.5549	87.6932	87.8316
127	87.9701	88.1086	88.2473	88.3861	88.5251	88.6641	88.8032	88.9425	89.0818	89.2213
128	89.3609	89.5005	89.6403	89.7802	89.9202	90.0604	90.2006	90.3409	90.4814	90.6219
129	90.7626	90.9033	91.0442	91.1852	91.3263	91.4675	91.6088	91.7503	91.8918	92.0334
130	92.1752	92.3171	92.4590	92.6011	92.7433	92.8856	93.0280	93.1705	93.3132	93.4559
131	93.5987	93.7417	93.8848	94.0279	94.1712	94.3146	94.4581	94.6017	94.7454	94.8892
132	95.0332	95.1772	95.3214	95.4656	95.6100	95.7545	95.8991	96.0438	96.1886	96.3335
133	96.4785	96.6237	96.7689	96.9143	97.0597	97.2053	97.3510	97.4968	97.6427	97.7887
134	97.9348	98.0810	98.2274	98.3738	98.5203	98.6670	98.8138	98.9607	99.1077	99.2547
135	99.4020	99.5493	99.6967	99.8442	99.9919	100.1396	100.2875	100.4355	100.5835	100.7317
136	100.8800	101.0284	101.1770	101.3256	101.4743	101.6232	101.7721	101.9212	102.0704	102.2196
137	102.3690	102.5185	102.6681	102.8178	102.9677	103.1176	103.2676	103.4178	103.5681	103.7184
138	103.8689	104.0195	104.1702	104.3210	104.4719	104.6230	104.7741	104.9253	105.0767	105.2281
139	105.3797	105.5314	105.6832	105.8351	105.9871	106.1392	106.2914	106.4438	106.5962	106.7488
140	106.9014	107.0542	107.2071	107.3601	107.5132	107.6664	107.8197	107.9731	108.1266	108.2803
141	108.4340	108.5879	108.7419	108.8960	109.0501	109.2044	109.3588	109.5134	109.6680	109.8227
142	109.9776	110.1325	110.2876	110.4428	110.5980	110.7534	110.9089	111.0645	111.2202	111.3761
143	111.5320	111.6880	111.8442	112.0005	112.1568	112.3133	112.4699	112.6266	112.7834	112.9403
144	113.0973	113.2545	113.4117	113.5691	113.7265	113.8841	114.0418	114.1996	114.3575	114.5155
145	114.6736	114.8318	114.9902	115.1486	115.3071	115.4658	115.6246	115.7835	115.9424	116.1015
146	116.2608	116.4201	116.5795	116.7390	116.8987	117.0584	117.2183	117.3783	117.5383	117.6985
147	117.8588	118.0192	118.1797	118.3404	118.5011	118.6619	118.8229	118.9840	119.1451	119.3064
148	119.4678	119.6293	119.7909	119.9526	120.1144	120.2764	120.4384	120.6006	120.7628	120.9252
149	121.0877	121.2503	121.4130	121.5758	121.7387	121.9017	122.0648	122.2281	122.3914	122.5549
150	122.7185	122.8821	123.0459	123.2098	123.3738	123.5380	123.7022	123.8665	124.0310	124.1955

Table of basal area in square feet by .1 inch increment of diameter breast height from 1 inch to 240 inches—Con.

	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
151	124.3602	124.5249	124.6898	124.8548	125.0199	125.1851	125.3504	125.5159	125.6814	125.8470
152	126.0128	126.1786	126.3446	126.5107	126.6769	126.8432	127.0096	127.1761	127.3427	127.5095
153	127.6763	127.8432	128.0103	128.1775	128.3448	128.5121	128.6796	128.8472	129.0150	129.1828
154	129.3507	129.5188	129.6869	129.8552	130.0235	130.1920	130.3606	130.5293	130.6981	130.8670
155	131.0361	131.2052	131.3744	131.5438	131.7132	131.8828	132.0525	132.2223	132.3922	132.5622
156	132.7323	132.9025	133.0729	133.2433	133.4138	133.5845	133.7553	133.9262	134.0971	134.2682
157	134.4394	134.6108	134.7822	134.9537	135.1254	135.2971	135.4690	135.6409	135.8130	135.9852
158	136.1575	136.3299	136.5024	136.6751	136.8478	137.0206	137.1936	137.3666	137.5398	137.7131
159	137.8865	138.0600	138.2336	138.4073	138.5811	138.7550	138.9291	139.1032	139.2775	139.4519
160	139.6263	139.8009	139.9756	140.1504	140.3254	140.5004	140.6755	140.8508	141.0261	141.2016
161	141.3771	141.5528	141.7286	141.9045	142.0805	142.2566	142.4328	142.6092	142.7856	142.9622
162	143.1388	143.3156	143.4925	143.6695	143.8466	144.0238	144.2011	144.3785	144.5560	144.7337
163	144.9114	145.0893	145.2673	145.4453	145.6235	145.8018	145.9802	146.1587	146.3374	146.5161
164	146.6949	146.8739	147.0529	147.2321	147.4114	147.5908	147.7703	147.9499	148.1296	148.3094
165	148.4893	148.6694	148.8495	149.0298	149.2102	149.3906	149.5712	149.7519	149.9327	150.1136
166	150.2947	150.4758	150.6570	150.8384	151.0199	151.2014	151.3831	151.5649	151.7468	151.9288
167	152.1109	152.2931	152.4755	152.6579	152.8405	153.0231	153.2059	153.3888	153.5717	153.7548
168	153.9380	154.1214	154.3048	154.4883	154.6720	154.8557	155.0396	155.2235	155.4076	155.5918
169	155.7761	155.9605	156.1450	156.3296	156.5144	156.6992	156.8842	157.0692	157.2544	157.4397
170	157.6251	157.8106	157.9962	158.1819	158.3677	158.5536	158.7397	158.9258	159.1121	159.2984
171	159.4849	159.6715	159.8582	160.0450	160.2319	160.4189	160.6061	160.7933	160.9807	161.1681
172	161.3557	161.5434	161.7312	161.9191	162.1071	162.2952	162.4834	162.6717	162.8602	163.0487
173	163.2374	163.4261	163.6150	163.8040	163.9931	164.1823	164.3716	164.5610	164.7506	164.9402
174	165.1300	165.3198	165.5098	165.6999	165.8901	166.0804	166.2708	166.4613	166.6519	166.8426
175	167.0335	167.2244	167.4155	167.6066	167.7979	167.9893	168.1808	168.3724	168.5641	168.7559

Table of basal area in square feet by .1 inch increment of diameter breast height from 1 inch to 240 inches—Con.

	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
176	168.9479	169.1399	169.3321	169.5243	169.7167	169.9092	170.1018	170.2945	170.4873	170.6802
177	170.8732	171.0663	171.2596	171.4529	171.6464	171.8399	172.0336	172.2274	172.4213	172.6153
178	172.8094	173.0036	173.1980	173.3924	173.5870	173.7816	173.9764	174.1713	174.3663	174.5613
179	174.7566	174.9519	175.1473	175.3428	175.5385	175.7342	175.9301	176.1260	176.3221	176.5183
180	176.7146	176.9110	177.1075	177.3041	177.5009	177.6977	177.8947	178.0917	178.2889	178.4862
181	178.6835	178.8810	179.0786	179.2764	179.4742	179.6721	179.8701	180.0683	180.2666	180.4649
182	180.6634	180.8620	181.0607	181.2595	181.4584	181.6574	181.8566	182.0558	182.2551	182.4546
183	182.6542	182.8538	183.0536	183.2535	183.4535	183.6536	183.8539	184.0542	184.2546	184.4552
184	184.6558	184.8566	185.0575	185.2585	185.4596	185.6608	185.8621	186.0635	186.2650	186.4667
185	186.6684	186.8703	187.0723	187.2743	187.4765	187.6788	187.8812	188.0837	188.2863	188.4891
186	188.6919	188.8949	189.0979	189.3011	189.5044	189.7078	189.9112	190.1149	190.3186	190.5224
187	190.7263	190.9304	191.1345	191.3388	191.5431	191.7476	191.9522	192.1569	192.3617	192.5666
188	192.7716	192.9768	193.1820	193.3873	193.5928	193.7984	194.0040	194.2098	194.4157	194.6217
189	194.8278	195.0341	195.2404	195.4468	195.6534	195.8600	196.0668	196.2737	196.4807	196.6878
190	196.8950	197.1023	197.3097	197.5172	197.7249	197.9326	198.1405	198.3484	198.5565	198.7647
191	198.9730	199.1814	199.3899	199.5985	199.8073	200.0161	200.2251	200.4341	200.6433	200.8526
192	201.0619	201.2714	201.4810	201.6907	201.9006	202.1105	202.3205	202.5307	202.7409	202.9513
193	203.1618	203.3724	203.5831	203.7939	204.0048	204.2158	204.4269	204.6382	204.8495	205.0610
194	205.2725	205.4842	205.6960	205.9079	206.1199	206.3320	206.5442	206.7566	206.9690	207.1816
195	207.3942	207.6070	207.8199	208.0328	208.2459	208.4591	208.6724	208.8859	209.0994	209.3130
196	209.5268	209.7406	209.9546	210.1687	210.3829	210.5972	210.8116	211.0261	211.2407	211.4554
197	211.6703	211.8852	212.1003	212.3154	212.5307	212.7461	212.9616	213.1772	213.3929	213.6087
198	213.8247	214.0407	214.2568	214.4731	214.6895	214.9059	215.1225	215.3392	215.5560	215.7729
199	215.9900	216.2071	216.4243	216.6417	216.8591	217.0767	217.2944	217.5122	217.7301	217.9481
200	218.1662	218.3844	218.6027	218.8212	219.0397	219.2584	219.4771	219.6960	219.9150	220.1341

Table of basal area in square feet by .1 inch increment of diameter breast height from 1 inch to 240 inches—Con.

	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
201	220.3533	220.5726	220.7920	221.0115	221.2312	221.4509	221.6708	221.8908	222.1108	222.3310
202	222.5513	222.7717	222.9922	223.2128	223.4336	223.6544	223.8754	224.0964	224.3176	224.5389
203	224.7602	224.9817	225.2033	225.4250	225.6469	225.8688	226.0908	226.3130	226.5352	226.7576
204	226.9801	227.2027	227.4254	227.6482	227.8711	228.0941	228.3172	228.5405	228.7638	228.9873
205	229.2108	229.4345	229.6583	229.8822	230.1062	230.3303	230.5545	230.7788	231.0033	231.2278
206	231.4525	231.6772	231.9021	232.1271	232.3522	232.5774	232.8027	233.0281	233.2537	233.4793
207	233.7050	233.9309	234.1569	234.3829	234.6091	234.8354	235.0618	235.2883	235.5150	235.7417
208	235.9685	236.1955	236.4225	236.6497	236.8770	237.1044	237.3318	237.5594	237.7872	238.0150
209	238.2429	238.4709	238.6991	238.9273	239.1557	239.3842	239.6128	239.8415	240.0703	240.2992
210	240.5282	240.7573	240.9866	241.2159	241.4454	241.6749	241.9046	242.1344	242.3643	242.5943
211	242.8244	243.0546	243.2849	243.5154	243.7459	243.9766	244.2074	244.4382	244.6692	244.9003
212	245.1315	245.3628	245.5942	245.8258	246.0574	246.2891	246.5210	246.7530	246.9850	247.2172
213	247.4495	247.6819	247.9144	248.1470	248.3798	248.6126	248.8456	249.0786	249.3118	249.5451
214	249.7784	250.0119	250.2455	250.4792	250.7131	250.9470	251.1810	251.4152	251.6494	251.8838
215	252.1183	252.3529	252.5875	252.8224	253.0573	253.2923	253.5274	253.7626	253.9980	254.2334
216	254.4690	254.7047	254.9405	255.1764	255.4124	255.6485	255.8847	256.1210	256.3575	256.5940
217	256.8307	257.0674	257.3043	257.5413	257.7784	258.0156	258.2529	258.4903	258.7278	258.9655
218	259.2032	259.4411	259.6790	259.9171	260.1553	260.3936	260.6320	260.8705	261.1091	261.3478
219	261.5867	261.8256	262.0647	262.3039	262.5431	262.7825	263.0220	263.2616	263.5013	263.7411
220	263.9811	264.2211	264.4612	264.7015	264.9419	265.1823	265.4229	265.6636	265.9044	266.1453
221	266.3863	266.6275	266.8687	267.1101	267.3515	267.5931	267.8347	268.0765	268.3184	268.5604
222	268.8025	269.0447	269.2871	269.5295	269.7721	270.0147	270.2575	270.5004	270.7433	270.9864
223	271.2296	271.4729	271.7164	271.9599	272.2035	272.4473	272.6911	272.9351	273.1792	273.4233
224	273.6676	273.9120	274.1565	274.4012	274.6459	274.8907	275.1357	275.3807	275.6259	275.8712
225	276.1166	276.3620	276.6076	276.8534	277.0992	277.3451	277.5911	277.8373	278.0835	278.3299

Table of basal area in square feet by .1 inch increment of diameter breast height from 1 inch to 240 inches—Con.

	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
226	278.5764	278.8230	279.0696	279.3164	279.5634	279.8104	280.0575	280.3047	280.5521	280.7995
227	281.0471	281.2948	281.5426	281.7905	282.0385	282.2866	282.5348	282.7831	283.0315	283.2801
228	283.5287	283.7775	284.0264	284.2754	284.5245	284.7737	285.0230	285.2724	285.5219	285.7715
229	286.0213	286.2711	286.5211	286.7712	287.0214	287.2717	287.5221	287.7726	288.0232	288.2739
230	288.5248	288.7757	289.0268	289.2779	289.5292	289.7806	290.0321	290.2837	290.5354	290.7872
231	291.0391	291.2912	291.5433	291.7956	292.0479	292.3004	292.5530	292.8057	293.0585	293.3114
232	293.5644	293.8175	294.0708	294.3241	294.5776	294.8311	295.0848	295.3386	295.5925	295.8465
233	296.1006	296.3548	296.6091	296.8636	297.1181	297.3728	297.6275	297.8824	298.1374	298.3925
234	298.6477	298.9030	299.1584	299.4139	299.6696	299.9253	300.1812	300.4371	300.6932	300.9494
235	301.2057	301.4621	301.7186	301.9752	302.2319	302.4887	302.7457	303.0027	303.2599	303.5172
236	303.7746	304.0321	304.2897	304.5474	304.8052	305.0631	305.3211	305.5793	305.8375	306.0959
237	306.3544	306.6130	306.8717	307.1305	307.3894	307.6484	307.9075	308.1667	308.4261	308.6855
238	308.9451	309.2048	309.4646	309.7244	309.9844	310.2446	310.5048	310.7651	311.0255	311.2861
239	311.5467	311.8075	312.0684	312.3294	312.5904	312.8516	313.1130	313.3744	313.6359	313.8975
240	314.1593	314.4211	314.6831	314.9452	315.2073	315.4696	315.7320	315.9945	316.2572	316.5199

