

THE HARDWOOD LOG DESKTOP REFERENCE BOOK



Steven Bick
Northeast Forests, LLC

The Hardwood Log Desktop Reference Book

Steven Bick



A Northeastern Loggers' Association Publication

2008

Northeastern Loggers' Association

Published in the United States of America
by the Northeastern Loggers' Association
Old Forge, NY
www.northernlogger.com

ISBN 978-0-9795792-3-3
0-9795792-3-6

Printed in the United States of America

This publication was created as part of the Forest Enterprise Resource Project (FERP).

The work upon which this publication is based was funded in whole or in part through a grant awarded by the Wood Education and Resource Center, Northeastern Area State and Private Forestry, Forest Service, U.S. Department of Agriculture.

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About NELA

The Northeastern Loggers' Association, headquartered in Old Forge, NY, is a trade group representing nearly 2,000 members of the logging and sawmilling community based in the Northeast and Lake States. Founded in 1952, the association publishes *The Northern Logger and Timber Processor* each month, along with several books on industry topics. NELA offers export assistance, produces workshops and seminars and is the operator of the Forest Industries Exhibit Hall.

Citation for this publication:

Bick, Steven. 2008. *The hardwood log desktop reference book*. Northeastern Loggers' Association. Old Forge, NY 348 p.

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Board Foot Log Rules –Even Lengths

The following section contains MBF log volume tables for Doyle, Scribner, Scribner Decimal C, International $\frac{1}{4}$ ", Maine, Vermont and Roy log rules in 8, 10, 12, 14, & 16' lengths. Additional tables show cordwood, cubic feet and cubic meter volumes for these lengths.

Doyle Log Rule

board feet by diameter & length

diameter	length				
	8'	10'	12'	14'	16'
6	2	3	3	4	4
7	5	6	7	8	9
8	8	10	12	14	16
9	12	16	19	22	25
10	18	22	27	31	36
11	24	31	37	43	49
12	32	40	48	56	64
13	40	51	61	71	81
14	50	62	75	87	100
15	60	76	91	106	121
16	72	90	108	126	144
17	84	106	127	148	169
18	98	122	147	171	196
19	112	141	169	197	225
20	128	160	192	224	256
21	144	181	217	253	289
22	162	202	243	283	324
23	180	226	271	316	361
24	200	250	300	350	400
25	220	276	331	386	441
26	242	302	363	423	484
27	264	331	397	463	529
28	288	360	432	504	576
29	312	391	469	547	625
30	338	422	507	591	676

Scribner Log Rule

board feet by diameter & length

diameter	length				
	8'	10'	12'	14'	16'
6	6	8	9	11	12
7	10	13	16	18	21
8	15	19	23	27	31
9	21	26	31	37	42
10	28	34	41	48	55
11	35	43	52	61	70
12	43	54	64	75	86
13	52	65	78	91	104
14	62	77	92	107	123
15	72	90	108	126	144
16	83	104	125	145	166
17	95	119	143	167	190
18	108	135	162	189	216
19	122	152	182	213	243
20	136	170	204	238	272
21	151	189	227	265	302
22	167	209	251	293	334
23	184	230	276	322	368
24	202	252	302	353	403
25	220	275	330	385	440
26	239	299	359	418	478
27	259	324	388	453	518
28	280	350	420	489	559
29	301	376	452	527	602
30	324	404	485	566	647

Scribner is a diagram-based rule

This table derived from Bruce & Schumacher's regression formula

$$V = (.079D^2 - 2D - 4)(L/16)$$

Scribner Decimal C Log Rule

board feet by diameter & length

diameter	length				
	8'	10'	12'	14'	16'
6	0.5	1	1	1	2
7	1	1	2	2	3
8	1	2	2	2	3
9	2	3	3	3	4
10	3	3	3	4	6
11	3	4	4	5	7
12	4	5	6	7	8
13	5	6	7	8	10
14	6	7	9	10	11
15	7	9	11	12	14
16	8	10	12	14	16
17	9	12	14	16	18
18	11	13	16	19	21
19	12	15	18	21	24
20	14	17	21	24	28
21	15	19	23	27	30
22	17	21	25	29	33
23	19	23	28	33	38
24	21	25	30	35	40
25	23	29	34	40	46
26	25	31	37	44	50
27	27	34	41	48	55
28	29	36	44	51	58
29	31	38	46	53	61
30	33	41	49	57	66

International 1/4" Log Rule

board feet by diameter & length

diameter	length				
	8'	10'	12'	14'	16'
6	10	10	15	15	20
7	10	15	20	25	30
8	15	20	25	35	40
9	20	30	35	45	50
10	30	35	45	55	65
11	35	45	55	70	80
12	45	55	70	85	95
13	55	70	85	100	115
14	65	80	100	115	135
15	75	95	115	135	160
16	85	110	130	155	180
17	95	125	150	180	205
18	110	140	170	200	230
19	125	155	190	225	260
20	135	175	210	250	290
21	155	195	235	280	320
22	170	215	260	305	355
23	185	235	285	335	390
24	205	255	310	370	425
25	220	280	340	400	460
26	240	305	370	435	500
27	260	330	400	470	540
28	280	355	430	510	585
29	305	385	465	545	630
30	325	410	495	585	675

Maine Log Rule

board feet by diameter & length

diameter	length				
	8'	10'	12'	14'	16'
6	10	12	15	18	20
7	15	19	23	27	31
8	22	27	33	39	44
9	26	32	39	46	52
10	34	42	51	59	68
11	42	51	62	72	83
12	52	65	78	92	105
13	60	75	90	105	120
14	71	89	107	124	142
15	80	101	121	141	161
16	90	110	134	157	179
17	102	128	154	179	205
18	116	145	174	203	232
19	136	169	203	237	271
20	151	189	227	265	302
21	168	210	252	294	336
22	182	227	272	318	363
23	200	250	300	351	401
24	220	274	327	384	439
25	238	298	358	417	477
26	254	317	380	444	507
27	273	341	410	478	546
28	306	383	460	537	614
29	328	410	493	575	657
30	353	441	530	618	706

Vermont Log Rule

board feet by diameter & length

diameter	length				
	8'	10'	12'	14'	16'
6	12	15	18	21	24
7	16	20	25	29	33
8	21	27	32	37	43
9	27	34	41	47	54
10	33	42	50	58	67
11	40	50	61	71	81
12	48	60	72	84	96
13	56	70	85	99	113
14	65	82	98	114	131
15	75	94	113	131	150
16	85	107	128	149	171
17	96	120	145	169	193
18	108	135	162	189	216
19	120	150	181	211	241
20	133	167	200	233	267
21	147	184	221	257	294
22	161	202	242	282	323
23	176	220	265	309	353
24	192	240	288	336	384
25	208	260	313	365	417
26	225	282	338	394	451
27	243	304	365	425	486
28	261	327	392	457	523
29	280	350	421	491	561
30	300	375	450	525	600

Roy Log Rule

board feet by diameter & length

diameter	length				
	8'	10'	12'	14'	16'
6	10	13	15	18	20
7	14	18	22	25	29
8	20	25	29	34	39
9	26	32	38	45	51
10	32	41	49	57	65
11	40	50	60	70	80
12	48	61	73	85	97
13	58	72	86	101	115
14	68	85	101	118	135
15	78	98	118	137	157
16	90	113	135	158	180
17	102	128	154	179	205
18	116	145	173	202	231
19	130	162	194	227	259
20	144	181	217	253	289
21	160	200	240	280	320
22	176	221	265	309	353
23	194	242	290	339	387
24	212	265	317	370	423
25	230	288	346	403	461
26	250	313	375	438	500
27	270	338	406	473	541
28	292	365	437	510	583
29	314	392	470	549	627
30	336	421	505	589	673

Cordwood Measure

cords by diameter & length

diameter	length				
	8'	10'	12'	14'	16'
6	0.029	0.040	0.052	0.066	0.041
7	0.039	0.054	0.070	0.089	0.056
8	0.051	0.070	0.092	0.117	0.073
9	0.065	0.089	0.116	0.148	0.092
10	0.080	0.110	0.144	0.182	0.114
11	0.097	0.133	0.174	0.221	0.138
12	0.115	0.158	0.207	0.263	0.164
13	0.135	0.186	0.243	0.308	0.192
14	0.157	0.215	0.282	0.358	0.223
15	0.180	0.247	0.323	0.410	0.256
16	0.205	0.281	0.368	0.467	0.291
17	0.231	0.317	0.415	0.527	0.329
18	0.259	0.356	0.465	0.591	0.368
19	0.289	0.396	0.519	0.659	0.410
20	0.320	0.439	0.575	0.730	0.455
21	0.353	0.484	0.634	0.804	0.501
22	0.387	0.531	0.695	0.883	0.550
23	0.423	0.581	0.760	0.965	0.601
24	0.461	0.632	0.828	1.051	0.655
25	0.500	0.686	0.898	1.140	0.710
26	0.541	0.742	0.971	1.233	0.768
27	0.583	0.800	1.047	1.330	0.829
28	0.627	0.861	1.126	1.430	0.891
29	0.672	0.923	1.208	1.534	0.956
30	0.720	0.988	1.293	1.642	1.023

these volumes assume 80 cubic feet per cord

Cubic Feet

cubic feet by diameter & length

diameter	length				
	8'	10'	12'	14'	16'
6	2.3	3.2	4.1	5.3	3.3
7	3.1	4.3	5.6	7.2	4.5
8	4.1	5.6	7.4	9.3	5.8
9	5.2	7.1	9.3	11.8	7.4
10	6.4	8.8	11.5	14.6	9.1
11	7.7	10.6	13.9	17.7	11.0
12	9.2	12.6	16.6	21.0	13.1
13	10.8	14.8	19.4	24.7	15.4
14	12.5	17.2	22.5	28.6	17.8
15	14.4	19.8	25.9	32.8	20.5
16	16.4	22.5	29.4	37.4	23.3
17	18.5	25.4	33.2	42.2	26.3
18	20.7	28.5	37.2	47.3	29.5
19	23.1	31.7	41.5	52.7	32.8
20	25.6	35.1	46.0	58.4	36.4
21	28.2	38.7	50.7	64.4	40.1
22	31.0	42.5	55.6	70.6	44.0
23	33.8	46.5	60.8	77.2	48.1
24	36.8	50.6	66.2	84.1	52.4
25	40.0	54.9	71.8	91.2	56.8
26	43.2	59.4	77.7	98.7	61.5
27	46.6	64.0	83.8	106.4	66.3
28	50.2	68.8	90.1	114.4	71.3
29	53.8	73.9	96.7	122.7	76.5
30	57.6	79.0	103.4	131.3	81.8

cubic feet volumes from the Smalian formula

Cubic Meters

cubic meters by diameter & length length

diameter	8'	10'	12'	14'	16'
6	0.07	0.09	0.12	0.15	0.09
7	0.09	0.12	0.16	0.20	0.13
8	0.12	0.16	0.21	0.26	0.16
9	0.15	0.20	0.26	0.33	0.21
10	0.18	0.25	0.33	0.41	0.26
11	0.22	0.30	0.39	0.50	0.31
12	0.26	0.36	0.47	0.60	0.37
13	0.31	0.42	0.55	0.70	0.44
14	0.36	0.49	0.64	0.81	0.50
15	0.41	0.56	0.73	0.93	0.58
16	0.46	0.64	0.83	1.06	0.66
17	0.52	0.72	0.94	1.19	0.74
18	0.59	0.81	1.05	1.34	0.83
19	0.65	0.90	1.18	1.49	0.93
20	0.72	0.99	1.30	1.65	1.03
21	0.80	1.10	1.44	1.82	1.14
22	0.88	1.20	1.58	2.00	1.25
23	0.96	1.32	1.72	2.19	1.36
24	1.04	1.43	1.87	2.38	1.48
25	1.13	1.55	2.03	2.58	1.61
26	1.22	1.68	2.20	2.79	1.74
27	1.32	1.81	2.37	3.01	1.88
28	1.42	1.95	2.55	3.24	2.02
29	1.52	2.09	2.74	3.48	2.17
30	1.63	2.24	2.93	3.72	2.32

converted from cubic feet (x 0.02832)

The Hardwood Log Desktop Reference Book

Board Foot Log Rules –Even & Odd Lengths

The following section contains MBF log volume tables for Doyle, Scribner, International ¼", and Vermont log rules in 8, 9, 10, 11, 12, 13, 14, 15 & 16' lengths.

Doyle Log Rule

board feet by diameter & length
length

diameter	8	9	10	11	12	13	14	15	16
6	2	2	3	3	3	3	4	4	4
7	5	5	6	6	7	7	8	8	9
8	8	9	10	11	12	13	14	15	16
9	12	14	16	17	19	20	22	23	25
10	18	20	22	25	27	29	31	34	36
11	24	28	31	34	37	40	43	46	49
12	32	36	40	44	48	52	56	60	64
13	40	46	51	56	61	66	71	76	81
14	50	56	62	69	75	81	87	94	100
15	60	68	76	83	91	98	106	113	121
16	72	81	90	99	108	117	126	135	144
17	84	95	106	116	127	137	148	158	169
18	98	110	122	135	147	159	171	184	196
19	112	127	141	155	169	183	197	211	225
20	128	144	160	176	192	208	224	240	256
21	144	163	181	199	217	235	253	271	289
22	162	182	202	223	243	263	283	304	324
23	180	203	226	248	271	293	316	338	361
24	200	225	250	275	300	325	350	375	400
25	220	248	276	303	331	358	386	413	441
26	242	272	302	333	363	393	423	454	484
27	264	298	331	364	397	430	463	496	529
28	288	324	360	396	432	468	504	540	576
29	312	352	391	430	469	508	547	586	625
30	338	380	422	465	507	549	591	634	676

Scribner Log Rule

board feet by diameter & length
length

diameter	8	9	10	11	12	13	14	15	16
6	6	7	8	9	9	10	11	12	12
7	10	12	13	14	16	17	18	19	21
8	15	17	19	21	23	25	27	29	31
9	21	24	26	29	31	34	37	39	42
10	28	31	34	38	41	45	48	52	55
11	35	39	43	48	52	57	61	65	70
12	43	48	54	59	64	70	75	80	86
13	52	58	65	71	78	84	91	97	104
14	62	69	77	84	92	100	107	115	123
15	72	81	90	99	108	117	126	135	144
16	83	94	104	114	125	135	145	156	166
17	95	107	119	131	143	155	167	178	190
18	108	121	135	148	162	175	189	202	216
19	122	137	152	167	182	198	213	228	243
20	136	153	170	187	204	221	238	255	272
21	151	170	189	208	227	246	265	283	302
22	167	188	209	230	251	272	293	313	334
23	184	207	230	253	276	299	322	345	368
24	202	227	252	277	302	327	353	378	403
25	220	247	275	302	330	357	385	412	440
26	239	269	299	329	359	388	418	448	478
27	259	291	324	356	388	421	453	486	518
28	280	315	350	385	420	454	489	524	559
29	301	339	376	414	452	489	527	565	602
30	324	364	404	445	485	526	566	607	647

International 1/4" Log rule

board feet by diameter & length

	length								
diameter	8	9	10	11	12	13	14	15	16
6	10	10	10	15	15	15	15	20	20
7	10	15	15	20	20	20	25	25	30
8	15	20	20	25	25	30	35	35	40
9	20	25	30	30	35	40	45	45	50
10	30	35	35	40	45	50	55	60	65
11	35	40	45	50	55	65	70	75	80
12	45	50	55	65	70	75	85	90	95
13	55	60	70	75	85	90	100	105	115
14	65	70	80	90	100	105	115	125	135
15	75	85	95	105	115	125	135	145	160
16	85	95	110	120	130	145	155	170	180
17	95	110	125	135	150	165	180	190	205
18	110	125	140	155	170	185	200	215	230
19	125	140	155	175	190	205	225	245	260
20	135	155	175	195	210	230	250	270	290
21	155	175	195	215	235	255	280	300	320
22	170	190	215	235	260	285	305	330	355
23	185	210	235	260	285	310	335	360	390
24	205	230	255	285	310	340	370	395	425
25	220	250	280	310	340	370	400	430	460
26	240	275	305	335	370	400	435	470	500
27	260	295	330	365	400	435	470	505	540
28	280	320	355	395	430	470	510	545	585
29	305	345	385	425	465	505	545	590	630
30	325	370	410	455	495	540	585	630	675

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Vermont Log Rule

board feet by diameter & length
length

DBH	8	9	10	11	12	13	14	15	16
8	21	24	27	29	32	35	37	40	43
9	27	30	34	37	41	44	47	51	54
10	33	38	42	46	50	54	58	63	67
11	40	45	50	55	61	66	71	76	81
12	48	54	60	66	72	78	84	90	96
13	56	63	70	77	85	92	99	106	113
14	65	74	82	90	98	106	114	123	131
15	75	84	94	103	113	122	131	141	150
16	85	96	107	117	128	139	149	160	171
17	96	108	120	132	145	157	169	181	193
18	108	122	135	149	162	176	189	203	216
19	120	135	150	165	181	196	211	226	241
20	133	150	167	183	200	217	233	250	267
21	147	165	184	202	221	239	257	276	294
22	161	182	202	222	242	262	282	303	323
23	176	198	220	242	265	287	309	331	353
24	192	216	240	264	288	312	336	360	384
25	208	234	260	286	313	339	365	391	417
26	225	254	282	310	338	366	394	423	451
27	243	273	304	334	365	395	425	456	486
28	261	294	327	359	392	425	457	490	523
29	280	315	350	385	421	456	491	526	561
30	300	338	375	413	450	488	525	563	600
31	320	360	400	440	481	521	561	601	641
32	341	384	427	469	512	555	597	640	683
33	363	408	454	499	545	590	635	681	726
34	385	434	482	530	578	626	674	723	771
35	408	459	510	561	613	664	715	766	817
36	432	486	540	594	648	702	756	810	864

The Hardwood Log Desktop Reference Book

MBF Log Rules – Even Lengths

The following section contains MBF log volume tables for Doyle, Scribner, International ¼", Maine, Vermont, and Roy log rules in 8, 10, 12, 14 & 16' lengths.

Doyle Log Rule

MBF by diameter & length					
diameter	length				
	8'	10'	12'	14'	16'
6	0.002	0.003	0.003	0.004	0.004
7	0.005	0.006	0.007	0.008	0.009
8	0.008	0.010	0.012	0.014	0.016
9	0.012	0.016	0.019	0.022	0.025
10	0.018	0.022	0.027	0.031	0.036
11	0.024	0.031	0.037	0.043	0.049
12	0.032	0.040	0.048	0.056	0.064
13	0.040	0.051	0.061	0.071	0.081
14	0.050	0.062	0.075	0.087	0.100
15	0.060	0.076	0.091	0.106	0.121
16	0.072	0.090	0.108	0.126	0.144
17	0.084	0.106	0.127	0.148	0.169
18	0.098	0.122	0.147	0.171	0.196
19	0.112	0.141	0.169	0.197	0.225
20	0.128	0.160	0.192	0.224	0.256
21	0.144	0.181	0.217	0.253	0.289
22	0.162	0.202	0.243	0.283	0.324
23	0.180	0.226	0.271	0.316	0.361
24	0.200	0.250	0.300	0.350	0.400
25	0.220	0.276	0.331	0.386	0.441
26	0.242	0.302	0.363	0.423	0.484
27	0.264	0.331	0.397	0.463	0.529
28	0.288	0.360	0.432	0.504	0.576
29	0.312	0.391	0.469	0.547	0.625
30	0.338	0.422	0.507	0.591	0.676

Scribner Log Rule

MBF by diameter & length					
diameter	length				
	8'	10'	12'	14'	16'
6	0.006	0.008	0.009	0.011	0.012
7	0.010	0.013	0.016	0.018	0.021
8	0.015	0.019	0.023	0.027	0.031
9	0.021	0.026	0.031	0.037	0.042
10	0.028	0.034	0.041	0.048	0.055
11	0.035	0.043	0.052	0.061	0.070
12	0.043	0.054	0.064	0.075	0.086
13	0.052	0.065	0.078	0.091	0.104
14	0.062	0.077	0.092	0.107	0.123
15	0.072	0.090	0.108	0.126	0.144
16	0.083	0.104	0.125	0.145	0.166
17	0.095	0.119	0.143	0.167	0.190
18	0.108	0.135	0.162	0.189	0.216
19	0.122	0.152	0.182	0.213	0.243
20	0.136	0.170	0.204	0.238	0.272
21	0.151	0.189	0.227	0.265	0.302
22	0.167	0.209	0.251	0.293	0.334
23	0.184	0.230	0.276	0.322	0.368
24	0.202	0.252	0.302	0.353	0.403
25	0.220	0.275	0.330	0.385	0.440
26	0.239	0.299	0.359	0.418	0.478
27	0.259	0.324	0.388	0.453	0.518
28	0.280	0.350	0.420	0.489	0.559
29	0.301	0.376	0.452	0.527	0.602
30	0.324	0.404	0.485	0.566	0.647

Scribner is a diagram-based rule

This table derived from Bruce & Schumacher's regression formula

$V = (.079D^2 - 2D - 4)(L/16)$ and then divided by 1,000

International 1/4" Log Rule

MBF by diameter & length

diameter	length				
	8'	10'	12'	14'	16'
6	0.010	0.010	0.015	0.015	0.020
7	0.010	0.015	0.020	0.025	0.030
8	0.015	0.020	0.025	0.035	0.040
9	0.020	0.030	0.035	0.045	0.050
10	0.030	0.035	0.045	0.055	0.065
11	0.035	0.045	0.055	0.070	0.080
12	0.045	0.055	0.070	0.085	0.095
13	0.055	0.070	0.085	0.100	0.115
14	0.065	0.080	0.100	0.115	0.135
15	0.075	0.095	0.115	0.135	0.160
16	0.085	0.110	0.130	0.155	0.180
17	0.095	0.125	0.150	0.180	0.205
18	0.110	0.140	0.170	0.200	0.230
19	0.125	0.155	0.190	0.225	0.260
20	0.135	0.175	0.210	0.250	0.290
21	0.155	0.195	0.235	0.280	0.320
22	0.170	0.215	0.260	0.305	0.355
23	0.185	0.235	0.285	0.335	0.390
24	0.205	0.255	0.310	0.370	0.425
25	0.220	0.280	0.340	0.400	0.460
26	0.240	0.305	0.370	0.435	0.500
27	0.260	0.330	0.400	0.470	0.540
28	0.280	0.355	0.430	0.510	0.585
29	0.305	0.385	0.465	0.545	0.630
30	0.325	0.410	0.495	0.585	0.675

Maine Log Rule

MBF by diameter & length					
diameter	length				
	8'	10'	12'	14'	16'
6	0.010	0.012	0.015	0.018	0.020
7	0.015	0.019	0.023	0.027	0.031
8	0.022	0.027	0.033	0.039	0.044
9	0.026	0.032	0.039	0.046	0.052
10	0.034	0.042	0.051	0.059	0.068
11	0.042	0.051	0.062	0.072	0.083
12	0.052	0.065	0.078	0.092	0.105
13	0.060	0.075	0.090	0.105	0.120
14	0.071	0.089	0.107	0.124	0.142
15	0.080	0.101	0.121	0.141	0.161
16	0.090	0.110	0.134	0.157	0.179
17	0.102	0.128	0.154	0.179	0.205
18	0.116	0.145	0.174	0.203	0.232
19	0.136	0.169	0.203	0.237	0.271
20	0.151	0.189	0.227	0.265	0.302
21	0.168	0.210	0.252	0.294	0.336
22	0.182	0.227	0.272	0.318	0.363
23	0.200	0.250	0.300	0.351	0.401
24	0.220	0.274	0.327	0.384	0.439
25	0.238	0.298	0.358	0.417	0.477
26	0.254	0.317	0.380	0.444	0.507
27	0.273	0.341	0.410	0.478	0.546
28	0.306	0.383	0.460	0.537	0.614
29	0.328	0.410	0.493	0.575	0.657
30	0.353	0.441	0.530	0.618	0.706

Vermont Log Rule

MBF by diameter & length					
diameter	length				
	8'	10'	12'	14'	16'
6	0.012	0.015	0.018	0.021	0.024
7	0.016	0.020	0.025	0.029	0.033
8	0.021	0.027	0.032	0.037	0.043
9	0.027	0.034	0.041	0.047	0.054
10	0.033	0.042	0.050	0.058	0.067
11	0.040	0.050	0.061	0.071	0.081
12	0.048	0.060	0.072	0.084	0.096
13	0.056	0.070	0.085	0.099	0.113
14	0.065	0.082	0.098	0.114	0.131
15	0.075	0.094	0.113	0.131	0.150
16	0.085	0.107	0.128	0.149	0.171
17	0.096	0.120	0.145	0.169	0.193
18	0.108	0.135	0.162	0.189	0.216
19	0.120	0.150	0.181	0.211	0.241
20	0.133	0.167	0.200	0.233	0.267
21	0.147	0.184	0.221	0.257	0.294
22	0.161	0.202	0.242	0.282	0.323
23	0.176	0.220	0.265	0.309	0.353
24	0.192	0.240	0.288	0.336	0.384
25	0.208	0.260	0.313	0.365	0.417
26	0.225	0.282	0.338	0.394	0.451
27	0.243	0.304	0.365	0.425	0.486
28	0.261	0.327	0.392	0.457	0.523
29	0.280	0.350	0.421	0.491	0.561
30	0.300	0.375	0.450	0.525	0.600

Roy Log Rule

MBF by diameter & length					
diameter	length				
	8'	10'	12'	14'	16'
6	0.010	0.013	0.015	0.018	0.020
7	0.014	0.018	0.022	0.025	0.029
8	0.020	0.025	0.029	0.034	0.039
9	0.026	0.032	0.038	0.045	0.051
10	0.032	0.041	0.049	0.057	0.065
11	0.040	0.050	0.060	0.070	0.080
12	0.048	0.061	0.073	0.085	0.097
13	0.058	0.072	0.086	0.101	0.115
14	0.068	0.085	0.101	0.118	0.135
15	0.078	0.098	0.118	0.137	0.157
16	0.090	0.113	0.135	0.158	0.180
17	0.102	0.128	0.154	0.179	0.205
18	0.116	0.145	0.173	0.202	0.231
19	0.130	0.162	0.194	0.227	0.259
20	0.144	0.181	0.217	0.253	0.289
21	0.160	0.200	0.240	0.280	0.320
22	0.176	0.221	0.265	0.309	0.353
23	0.194	0.242	0.290	0.339	0.387
24	0.212	0.265	0.317	0.370	0.423
25	0.230	0.288	0.346	0.403	0.461
26	0.250	0.313	0.375	0.438	0.500
27	0.270	0.338	0.406	0.473	0.541
28	0.292	0.365	0.437	0.510	0.583
29	0.314	0.392	0.470	0.549	0.627
30	0.336	0.421	0.505	0.589	0.673

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MBF Log Rules –Even & Odd Lengths

The following section contains MBF log volume tables for Doyle, Scribner, International ¼", and Vermont log rules in 8, 9, 10, 11, 12, 13, 14, 15, & 16' lengths.

Doyle Log Rule

MBF by diameter & length

diameter	length								
	8	9	10	11	12	13	14	15	16
6	0.002	0.002	0.003	0.003	0.003	0.003	0.004	0.004	0.004
7	0.005	0.005	0.006	0.006	0.007	0.007	0.008	0.008	0.009
8	0.008	0.009	0.010	0.011	0.012	0.013	0.014	0.015	0.016
9	0.012	0.014	0.016	0.017	0.019	0.020	0.022	0.023	0.025
10	0.018	0.020	0.022	0.025	0.027	0.029	0.031	0.034	0.036
11	0.024	0.028	0.031	0.034	0.037	0.040	0.043	0.046	0.049
12	0.032	0.036	0.040	0.044	0.048	0.052	0.056	0.060	0.064
13	0.040	0.046	0.051	0.056	0.061	0.066	0.071	0.076	0.081
14	0.050	0.056	0.062	0.069	0.075	0.081	0.087	0.094	0.100
15	0.060	0.068	0.076	0.083	0.091	0.098	0.106	0.113	0.121
16	0.072	0.081	0.090	0.099	0.108	0.117	0.126	0.135	0.144
17	0.084	0.095	0.106	0.116	0.127	0.137	0.148	0.158	0.169
18	0.098	0.110	0.122	0.135	0.147	0.159	0.171	0.184	0.196
19	0.112	0.127	0.141	0.155	0.169	0.183	0.197	0.211	0.225
20	0.128	0.144	0.160	0.176	0.192	0.208	0.224	0.240	0.256
21	0.144	0.163	0.181	0.199	0.217	0.235	0.253	0.271	0.289
22	0.162	0.182	0.202	0.223	0.243	0.263	0.283	0.304	0.324
23	0.180	0.203	0.226	0.248	0.271	0.293	0.316	0.338	0.361
24	0.200	0.225	0.250	0.275	0.300	0.325	0.350	0.375	0.400
25	0.220	0.248	0.276	0.303	0.331	0.358	0.386	0.413	0.441
26	0.242	0.272	0.302	0.333	0.363	0.393	0.423	0.454	0.484
27	0.264	0.298	0.331	0.364	0.397	0.430	0.463	0.496	0.529
28	0.288	0.324	0.360	0.396	0.432	0.468	0.504	0.540	0.576
29	0.312	0.352	0.391	0.430	0.469	0.508	0.547	0.586	0.625
30	0.338	0.380	0.422	0.465	0.507	0.549	0.591	0.634	0.676

Scribner Log Rule

MBF by diameter & length length

diameter	8	9	10	11	12	13	14	15	16
6	0.006	0.007	0.008	0.009	0.009	0.010	0.011	0.012	0.012
7	0.010	0.012	0.013	0.014	0.016	0.017	0.018	0.019	0.021
8	0.015	0.017	0.019	0.021	0.023	0.025	0.027	0.029	0.031
9	0.021	0.024	0.026	0.029	0.031	0.034	0.037	0.039	0.042
10	0.028	0.031	0.034	0.038	0.041	0.045	0.048	0.052	0.055
11	0.035	0.039	0.043	0.048	0.052	0.057	0.061	0.065	0.070
12	0.043	0.048	0.054	0.059	0.064	0.070	0.075	0.080	0.086
13	0.052	0.058	0.065	0.071	0.078	0.084	0.091	0.097	0.104
14	0.062	0.069	0.077	0.084	0.092	0.100	0.107	0.115	0.123
15	0.072	0.081	0.090	0.099	0.108	0.117	0.126	0.135	0.144
16	0.083	0.094	0.104	0.114	0.125	0.135	0.145	0.156	0.166
17	0.095	0.107	0.119	0.131	0.143	0.155	0.167	0.178	0.190
18	0.108	0.121	0.135	0.148	0.162	0.175	0.189	0.202	0.216
19	0.122	0.137	0.152	0.167	0.182	0.198	0.213	0.228	0.243
20	0.136	0.153	0.170	0.187	0.204	0.221	0.238	0.255	0.272
21	0.151	0.170	0.189	0.208	0.227	0.246	0.265	0.283	0.302
22	0.167	0.188	0.209	0.230	0.251	0.272	0.293	0.313	0.334
23	0.184	0.207	0.230	0.253	0.276	0.299	0.322	0.345	0.368
24	0.202	0.227	0.252	0.277	0.302	0.327	0.353	0.378	0.403
25	0.220	0.247	0.275	0.302	0.330	0.357	0.385	0.412	0.440
26	0.239	0.269	0.299	0.329	0.359	0.388	0.418	0.448	0.478
27	0.259	0.291	0.324	0.356	0.388	0.421	0.453	0.486	0.518
28	0.280	0.315	0.350	0.385	0.420	0.454	0.489	0.524	0.559
29	0.301	0.339	0.376	0.414	0.452	0.489	0.527	0.565	0.602
30	0.324	0.364	0.404	0.445	0.485	0.526	0.566	0.607	0.647

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International 1/4" Log rule

MBF by diameter & length

diameter	length								
	8	9	10	11	12	13	14	15	16
6	0.010	0.010	0.010	0.015	0.015	0.015	0.015	0.020	0.020
7	0.010	0.015	0.015	0.020	0.020	0.020	0.025	0.025	0.030
8	0.015	0.020	0.020	0.025	0.025	0.030	0.035	0.035	0.040
9	0.020	0.025	0.030	0.030	0.035	0.040	0.045	0.045	0.050
10	0.030	0.035	0.035	0.040	0.045	0.050	0.055	0.060	0.065
11	0.035	0.040	0.045	0.050	0.055	0.065	0.070	0.075	0.080
12	0.045	0.050	0.055	0.065	0.070	0.075	0.085	0.090	0.095
13	0.055	0.060	0.070	0.075	0.085	0.090	0.100	0.105	0.115
14	0.065	0.070	0.080	0.090	0.100	0.105	0.115	0.125	0.135
15	0.075	0.085	0.095	0.105	0.115	0.125	0.135	0.145	0.160
16	0.085	0.095	0.110	0.120	0.130	0.145	0.155	0.170	0.180
17	0.095	0.110	0.125	0.135	0.150	0.165	0.180	0.190	0.205
18	0.110	0.125	0.140	0.155	0.170	0.185	0.200	0.215	0.230
19	0.125	0.140	0.155	0.175	0.190	0.205	0.225	0.245	0.260
20	0.135	0.155	0.175	0.195	0.210	0.230	0.250	0.270	0.290
21	0.155	0.175	0.195	0.215	0.235	0.255	0.280	0.300	0.320
22	0.170	0.190	0.215	0.235	0.260	0.285	0.305	0.330	0.355
23	0.185	0.210	0.235	0.260	0.285	0.310	0.335	0.360	0.390
24	0.205	0.230	0.255	0.285	0.310	0.340	0.370	0.395	0.425
25	0.220	0.250	0.280	0.310	0.340	0.370	0.400	0.430	0.460
26	0.240	0.275	0.305	0.335	0.370	0.400	0.435	0.470	0.500
27	0.260	0.295	0.330	0.365	0.400	0.435	0.470	0.505	0.540
28	0.280	0.320	0.355	0.395	0.430	0.470	0.510	0.545	0.585
29	0.305	0.345	0.385	0.425	0.465	0.505	0.545	0.590	0.630
30	0.325	0.370	0.410	0.455	0.495	0.540	0.585	0.630	0.675

Vermont Log Rule

MBF by diameter & length length

DBH	8	9	10	11	12	13	14	15	16
8	0.021	0.024	0.027	0.029	0.032	0.035	0.037	0.040	0.043
9	0.027	0.030	0.034	0.037	0.041	0.044	0.047	0.051	0.054
10	0.033	0.038	0.042	0.046	0.050	0.054	0.058	0.063	0.067
11	0.040	0.045	0.050	0.055	0.061	0.066	0.071	0.076	0.081
12	0.048	0.054	0.060	0.066	0.072	0.078	0.084	0.090	0.096
13	0.056	0.063	0.070	0.077	0.085	0.092	0.099	0.106	0.113
14	0.065	0.074	0.082	0.090	0.098	0.106	0.114	0.123	0.131
15	0.075	0.084	0.094	0.103	0.113	0.122	0.131	0.141	0.150
16	0.085	0.096	0.107	0.117	0.128	0.139	0.149	0.160	0.171
17	0.096	0.108	0.120	0.132	0.145	0.157	0.169	0.181	0.193
18	0.108	0.122	0.135	0.149	0.162	0.176	0.189	0.203	0.216
19	0.120	0.135	0.150	0.165	0.181	0.196	0.211	0.226	0.241
20	0.133	0.150	0.167	0.183	0.200	0.217	0.233	0.250	0.267
21	0.147	0.165	0.184	0.202	0.221	0.239	0.257	0.276	0.294
22	0.161	0.182	0.202	0.222	0.242	0.262	0.282	0.303	0.323
23	0.176	0.198	0.220	0.242	0.265	0.287	0.309	0.331	0.353
24	0.192	0.216	0.240	0.264	0.288	0.312	0.336	0.360	0.384
25	0.208	0.234	0.260	0.286	0.313	0.339	0.365	0.391	0.417
26	0.225	0.254	0.282	0.310	0.338	0.366	0.394	0.423	0.451
27	0.243	0.273	0.304	0.334	0.365	0.395	0.425	0.456	0.486
28	0.261	0.294	0.327	0.359	0.392	0.425	0.457	0.490	0.523
29	0.280	0.315	0.350	0.385	0.421	0.456	0.491	0.526	0.561
30	0.300	0.338	0.375	0.413	0.450	0.488	0.525	0.563	0.600
31	0.320	0.360	0.400	0.440	0.481	0.521	0.561	0.601	0.641
32	0.341	0.384	0.427	0.469	0.512	0.555	0.597	0.640	0.683
33	0.363	0.408	0.454	0.499	0.545	0.590	0.635	0.681	0.726
34	0.385	0.434	0.482	0.530	0.578	0.626	0.674	0.723	0.771
35	0.408	0.459	0.510	0.561	0.613	0.664	0.715	0.766	0.817
36	0.432	0.486	0.540	0.594	0.648	0.702	0.756	0.810	0.864

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Log Rule Comparison Table
Doyle, Scribner & International 1/4" Rules

(blank spaces allow you to enter a fourth rule for comparison)

D	I
S	

diameter	length									
	8		10		12		14		16	
6	2	10	3	10	3	15	4	15	4	20
	6		8		9		11		12	
7	5	10	6	15	7	20	8	25	9	30
	10		13		16		18		21	
8	8	15	10	20	12	25	14	35	16	40
	15		19		23		27		31	
9	12	20	16	30	19	35	22	45	25	50
	21		26		31		37		42	
10	18	30	22	35	27	45	31	55	36	65
	28		34		41		48		55	
11	24	35	31	45	37	55	43	70	49	80
	35		43		52		61		70	
12	32	45	40	55	48	70	56	85	64	95
	43		54		64		75		86	
13	40	55	51	70	61	85	71	100	81	115
	52		65		78		91		104	
14	50	65	62	80	75	100	87	115	100	135
	62		77		92		107		123	
15	60	75	76	95	91	115	106	135	121	160
	72		90		108		126		144	
16	72	85	90	110	108	130	126	155	144	180
	83		104		125		145		166	
17	84	95	106	125	127	150	148	180	169	205
	95		119		143		167		190	
18	98	110	122	140	147	170	171	200	196	230
	108		135		162		189		216	
19	112	125	141	155	169	190	197	225	225	260
	122		152		182		213		243	
20	128	135	160	175	192	210	224	250	256	290
	136		170		204		238		272	
21	144	155	181	195	217	235	253	280	289	320
	151		189		227		265		302	
22	162	170	202	215	243	260	283	305	324	355
	167		209		251		293		334	
23	180	185	226	235	271	285	316	335	361	390
	184		230		276		322		368	
24	200	205	250	255	300	310	350	370	400	425
	202		252		302		353		403	
25	220	220	276	280	331	340	386	400	441	460
	220		275		330		385		440	
26	242	240	302	305	363	370	423	435	484	500
	239		299		359		418		478	
27	264	260	331	330	397	400	463	470	529	540
	259		324		388		453		518	
28	288	280	360	355	432	430	504	510	576	585
	280		350		420		489		559	
29	312	305	391	385	469	465	547	545	625	630
	301		376		452		527		602	
30	338	325	422	410	507	495	591	585	676	675
	324		404		485		566		647	

User Defined Custom Log Rule

Use the following steps to create a custom log rule.

1) Determine the kerf size (K) and board thickness (T) and substitute them into the following formula to determine the percent of volume wood lost to the kerf (A):

$$A = \% \text{ of volume lost to kerf} = K / (K + T) \times (100)$$

2) Next, figure out the amount of wood lost to slab and edging deductions (S). To put it into perspective, Doyle log rule uses 4" and International rule uses about 2".

3) After determining A and S, substitute them into the following formula, along with the log's diameter in inches (D) and length in feet (L) to arrive at volume:

$$V = (1 - A) \times 0.06545 \times (D - S) \times 2L$$

4) Repeat step 3 for every combination of diameter and length that you saw.

Calculating an entire rule for your mill will involve a lot of repetitive calculations. A spreadsheet makes this task much simpler. A Microsoft Excel spreadsheet utility that allows you to do this is included in this publication in the **Hardwood Spreadsheet Utility Collection**.

This log rule formula is taken directly from Bell and Dilworth's Log Scaling and Timber Cruising (O.S.U. Book Stores, Inc 1993).

The Hardwood Log Desktop Reference Book

Log Volume Distribution (% of volume) in each 2' Section of Log

	2	4	6	8				
8	25%	25%	25%	25%				
	2	4	6	8	10			
10	20%	20%	20%	20%	20%			
	2	4	6	8	10	12		
12	16.7%	16.7%	16.7%	16.7%	16.7%	16.7%		
	2	4	6	8	10	12	14	
14	14.3%	14.3%	14.3%	14.3%	14.3%	14.3%	14.3%	
	2	4	6	8	10	12	14	16
16	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%

Use to determine % deductions for unsound portions of logs

(note that International rule deductions vary slightly due to taper considerations)

The Hardwood Log Desktop Reference Book

Board Foot Deductions for Interior Defects

Defect Area (sq. inches)	Defect Length in Feet															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
10	1	1	2	3	3	4	5	5	6	7	7	8	9	9	10	11
15	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
20	1	3	4	5	7	8	9	11	12	13	15	16	17	19	20	21
25	2	3	5	7	8	10	12	13	15	17	18	20	22	23	25	27
30	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32
35	2	5	7	9	12	14	16	19	21	23	26	28	30	33	35	37
40	3	5	8	11	13	16	19	21	24	27	29	32	35	37	40	43
45	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48
50	3	7	10	13	17	20	23	27	30	33	37	40	43	47	50	53
55	4	7	11	15	18	22	26	29	33	37	40	44	48	51	55	59
60	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64
65	4	9	13	17	22	26	30	35	39	43	48	52	56	61	65	69
70	5	9	14	19	23	28	33	37	42	47	51	56	61	65	70	75
75	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
80	5	11	16	21	27	32	37	43	48	53	59	64	69	75	80	85
85	6	11	17	23	28	34	40	45	51	57	62	68	74	79	85	91
90	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
95	6	13	19	25	32	38	44	51	57	63	70	76	82	89	95	101
100	7	13	20	27	33	40	47	53	60	67	73	80	87	93	100	107
105	7	14	21	28	35	42	49	56	63	70	77	84	91	98	105	112
110	7	15	22	29	37	44	51	59	66	73	81	88	95	103	110	117
115	8	15	23	31	38	46	54	61	69	77	84	92	100	107	115	123
120	8	16	24	32	40	48	56	64	72	80	88	96	104	112	120	128
125	8	17	25	33	42	50	58	67	75	83	92	100	108	117	125	133
130	9	17	26	35	43	52	61	69	78	87	95	104	113	121	130	139
135	9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144
140	9	19	28	37	47	56	65	75	84	93	103	112	121	131	140	149
145	10	19	29	39	48	58	68	77	87	97	106	116	126	135	145	155
150	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160

Board foot deduction formula: $(W+1)(T+1)(L) / 15$

W = width of the defect in inches; T = thickness of the defect in inches;

L = length of defect in feet

Source: NELA. 1996. *Log Rules and other Useful Information*. Northeastern Loggers' Association, Old Forge, NY. 28 p.

The Hardwood Log Desktop Reference Book

Log Diameter Deduction Tables

Log buyers often make deductions from the gross scale of logs to account for unusable wood by reducing the scaling diameter by an inch or more. The table below shows the percentage deduction in volume, for each diameter, that results from lowering the diameter from by 1 to 4 inches for three different log rules.

<u>1" diameter deductions</u>				<u>2" diameter deductions</u>			
diameter	International	Scribner	Doyle	diameter	International	Scribner	Doyle
10	23%	24%	31%	10	42%	44%	55%
11	19%	21%	27%	11	38%	40%	49%
12	19%	19%	23%	12	34%	36%	44%
13	17%	17%	21%	13	32%	33%	39%
14	15%	16%	19%	14	29%	30%	36%
15	15%	15%	17%	15	27%	28%	33%
16	12%	13%	16%	16	26%	26%	31%
17	12%	13%	15%	17	23%	24%	28%
18	12%	12%	14%	18	22%	23%	26%
19	11%	11%	13%	19	21%	22%	25%
20	10%	11%	12%	20	20%	21%	24%
21	10%	10%	11%	21	19%	20%	22%
22	9%	10%	11%	22	19%	19%	21%
23	9%	9%	10%	23	17%	18%	20%
24	9%	9%	10%	24	17%	17%	19%
25	8%	8%	9%	25	16%	16%	18%
26	8%	8%	9%	26	15%	16%	17%
27	8%	8%	9%	27	15%	15%	17%
28	7%	7%	8%	28	14%	15%	16%
29	7%	7%	8%	29	14%	14%	15%
30	6%	7%	7%	30	13%	14%	15%

<u>3" diameter deductions</u>				<u>4" diameter deductions</u>			
diameter	International	Scribner	Doyle	diameter	International	Scribner	Doyle
10	57%	62%	75%	10	69%	77%	88%
11	53%	56%	67%	11	65%	70%	82%
12	50%	51%	61%	12	62%	64%	75%
13	45%	47%	56%	13	58%	60%	69%
14	42%	43%	51%	14	53%	55%	64%
15	40%	40%	47%	15	51%	52%	59%
16	36%	38%	44%	16	47%	48%	56%
17	35%	35%	41%	17	44%	46%	52%
18	32%	33%	38%	18	42%	43%	49%
19	31%	32%	36%	19	40%	41%	46%
20	29%	30%	34%	20	38%	39%	44%
21	28%	29%	32%	21	37%	37%	42%
22	27%	27%	30%	22	35%	35%	40%
23	26%	26%	29%	23	33%	34%	38%
24	24%	25%	28%	24	32%	33%	36%
25	23%	24%	27%	25	30%	31%	34%
26	23%	23%	25%	26	30%	30%	33%
27	22%	22%	24%	27	29%	29%	32%
28	21%	21%	23%	28	28%	28%	31%
29	21%	21%	23%	29	27%	27%	29%
30	20%	20%	22%	30	26%	26%	28%

Log Crook Deductions Table

		Deductions as a % of Volume							
diameter		length ratio							
ratio	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45	0.5
0.10	1%	2%	2%	3%	3%	4%	4%	5%	5%
0.15	2%	2%	3%	4%	5%	5%	6%	7%	8%
0.20	2%	3%	4%	5%	6%	7%	8%	9%	10%
0.25	3%	4%	5%	6%	8%	9%	10%	11%	13%
0.30	3%	5%	6%	8%	9%	11%	12%	14%	15%
0.35	4%	5%	7%	9%	11%	12%	14%	16%	18%
0.40	4%	6%	8%	10%	12%	14%	16%	18%	20%
0.45	5%	7%	9%	11%	14%	16%	18%	20%	23%
0.50	5%	8%	10%	13%	15%	18%	20%	23%	25%
0.55	6%	8%	11%	14%	17%	19%	22%	25%	28%
0.60	6%	9%	12%	15%	18%	21%	24%	27%	30%
0.65	7%	10%	13%	16%	20%	23%	26%	29%	33%
0.70	7%	11%	14%	18%	21%	25%	28%	32%	35%
0.75	8%	11%	15%	19%	23%	26%	30%	34%	38%
0.80	8%	12%	16%	20%	24%	28%	32%	36%	40%
0.85	9%	13%	17%	21%	26%	30%	34%	38%	43%
0.90	9%	14%	18%	23%	27%	32%	36%	41%	45%
0.95	10%	14%	19%	24%	29%	33%	38%	43%	48%
1.00	10%	15%	20%	25%	30%	35%	40%	45%	50%

length ratio = length of crook section / log length

diameter ratio = crook measurement / log diameter

crook deduction (%) = length ratio x diameter ratio

Sweep Deduction Tables

The following tables show board foot volume deductions for sweep. There deduction tables for International ¼", Scribner and Doyle rules, for log lengths of 8, 10, 12, 14 and 16 feet.

All of the deductions follow Grosenbaugh's empirical rule for deductions, which can be expressed as follows:

$$\text{deduction} = (\text{sweep in inches} - 1" \text{ per } 8' \text{ of length}) \div \text{diameter}$$

International Rule

Sweep Deduction in Board Feet for 8' Logs

Log		Sweep in Inches							
Diameter	2	3	4	5	6	7	8	9	10
10	3	6	9	12	15	18	21	24	27
11	3	6	10	13	16	19	22	25	29
12	4	8	11	15	19	23	26	30	34
13	4	8	13	17	21	25	30	34	38
14	5	9	14	19	23	28	33	37	42
15	5	10	15	20	25	30	35	40	45
16	5	11	16	21	27	32	37	43	48
17	6	11	17	22	28	34	39	45	50
18	6	12	18	24	31	37	43	49	55
19	7	13	20	26	33	39	46	53	59
20	7	14	20	27	34	41	47	54	61
21	7	15	22	30	37	44	52	59	66
22	8	15	23	31	39	46	54	62	70
23	8	16	24	32	40	48	56	64	72
24	9	17	26	34	43	51	60	68	77
25	9	18	26	35	44	53	62	70	79
26	9	18	28	37	46	55	65	74	83
27	10	19	29	39	48	58	67	77	87
28	10	20	30	40	50	60	70	80	90
29	11	21	32	42	53	63	74	84	95
30	11	22	33	43	54	65	76	87	98

8 Ft. Log Sweep Deductions

International Rule

Sweep Deduction in Board Feet for 10' Logs

Log Diameter	Sweep in Inches								
	2	3	4	5	6	7	8	9	10
10	3	6	10	13	17	20	24	27	31
11	3	7	11	15	19	24	28	32	36
12	3	8	13	17	22	26	31	36	40
13	4	9	15	20	26	31	36	42	47
14	4	10	16	21	27	33	39	44	50
15	5	11	17	24	30	36	43	49	55
16	5	12	19	26	33	40	46	53	60
17	6	13	20	28	35	42	50	57	64
18	6	14	21	29	37	45	53	60	68
19	6	14	22	31	39	47	55	63	71
20	7	15	24	33	42	50	59	68	77
21	7	16	26	35	44	53	63	72	81
22	7	17	27	37	46	56	66	76	86
23	8	18	28	38	49	59	69	79	89
24	8	19	29	40	50	61	72	82	93
25	8	20	31	42	53	64	76	87	98
26	9	21	32	44	56	67	79	91	103
27	9	21	34	46	58	70	83	95	107
28	10	22	35	48	60	73	86	98	111
29	10	23	37	50	63	76	90	103	116
30	10	24	38	51	65	79	92	106	120

10 Ft. Log Sweep Deductions

International Rule

Sweep Deduction in Board Feet for 12' Logs

Log Diameter	Sweep in Inches								
	2	3	4	5	6	7	8	9	10
10	2	7	11	16	20	25	29	34	38
11	3	8	13	18	23	28	33	38	43
12	3	9	15	20	26	32	38	44	50
13	3	10	16	23	29	36	43	49	56
14	4	11	18	25	32	39	46	54	61
15	4	12	19	27	35	42	50	58	65
16	4	12	20	28	37	45	53	61	69
17	4	13	22	31	40	49	57	66	75
18	5	14	24	33	43	52	61	71	80
19	5	15	25	35	45	55	65	75	85
20	5	16	26	37	47	58	68	79	89
21	6	17	28	39	50	62	73	84	95
22	6	18	30	41	53	65	77	89	100
23	6	19	31	43	56	68	81	93	105
24	6	19	32	45	58	71	84	97	110
25	7	20	34	48	61	75	88	102	116
26	7	21	36	50	64	78	93	107	121
27	7	22	37	52	67	81	96	111	126
28	8	23	38	54	69	84	100	115	131
29	8	24	40	56	72	88	104	120	136
30	8	25	41	58	74	91	107	124	140

12 Ft. Log Sweep Deductions

International Rule

Sweep Deduction in Board Feet for 14' Logs

Log Diameter	Sweep in Inches								
	2	3	4	5	6	7	8	9	10
10	1	7	12	18	23	29	34	40	45
11	2	8	14	21	27	33	40	46	53
12	2	9	16	23	30	37	44	51	58
13	2	10	17	25	33	40	48	56	63
14	2	10	18	27	35	43	51	60	68
15	2	11	20	29	38	47	56	65	74
16	2	12	22	31	41	51	61	70	80
17	3	13	24	34	45	56	66	77	87
18	3	14	25	36	47	58	69	81	92
19	3	15	27	38	50	62	74	86	98
20	3	16	28	41	53	66	78	91	103
21	3	17	30	43	57	70	83	97	110
22	3	17	31	45	59	73	87	101	114
23	4	18	33	47	62	76	91	106	120
24	4	19	35	50	66	81	96	112	127
25	4	20	36	52	68	84	100	116	132
26	4	21	38	54	71	88	105	121	138
27	4	22	39	57	74	91	109	126	144
28	5	23	41	59	77	96	114	132	150
29	5	23	42	61	80	99	117	136	155
30	5	24	44	63	83	102	122	141	161

14 Ft. Log Sweep Deductions

International Rule

Sweep Deduction in Board Feet for 16' Logs

Log Diameter	Sweep in Inches							
	2	3	4	5	6	7	8	9
10	7	13	20	26	33	39	46	52
11	7	15	22	29	36	44	51	58
12	8	16	24	32	40	48	55	63
13	9	18	27	35	44	53	62	71
14	10	19	29	39	48	58	68	77
15	11	21	32	43	53	64	75	85
16	11	23	34	45	56	68	79	90
17	12	24	36	48	60	72	84	96
18	13	26	38	51	64	77	89	102
19	14	27	41	55	68	82	96	109
20	15	29	44	58	73	87	102	116
21	15	30	46	61	76	91	107	122
22	16	32	48	65	81	97	113	129
23	17	34	51	68	85	102	119	136
24	18	35	53	71	89	106	124	142
25	18	37	55	74	92	110	129	147
26	19	38	58	77	96	115	135	154
27	20	40	60	80	100	120	140	160
28	21	42	63	84	104	125	146	167
29	22	43	65	87	109	130	152	174
30	23	45	68	90	113	135	158	180

16 Ft. Log Sweep Deductions

Scribner Rule

Sweep Deduction in Board Feet for 8' Logs

Log	Sweep in Inches								
Diameter	2	3	4	5	6	7	8	9	10
10	3	6	8	11	14	17	20	22	25
11	3	6	10	13	16	19	22	25	29
12	4	7	11	14	18	22	25	29	32
13	4	8	12	16	20	24	28	32	36
14	4	9	13	18	22	27	31	35	40
15	5	10	14	19	24	29	34	38	43
16	5	10	16	21	26	31	36	42	47
17	6	11	17	22	28	34	39	45	50
18	6	12	18	24	30	36	42	48	54
19	6	13	19	26	32	39	45	51	58
20	7	14	20	27	34	41	48	54	61
21	7	14	22	29	36	43	50	58	65
22	8	15	23	30	38	46	53	61	68
23	8	16	24	32	40	48	56	64	72
24	8	17	25	34	42	51	59	67	76
25	9	18	26	35	44	53	62	70	79
26	9	18	28	37	46	55	64	74	83
27	10	19	29	38	48	58	67	77	86
28	10	20	30	40	50	60	70	80	90
29	10	21	31	42	52	62	73	83	93
30	11	22	32	43	54	65	76	86	97

8 Ft. Log Sweep Deductions

Scribner Rule

Sweep Deduction in Board Feet for 10' Logs

Log Diameter	Sweep in Inches								
	2	3	4	5	6	7	8	9	10
10	3	6	9	13	16	20	23	26	30
11	3	7	11	15	19	22	26	30	34
12	3	8	12	17	21	26	30	35	39
13	4	9	14	19	24	29	34	39	44
14	4	10	15	21	26	32	37	43	48
15	5	11	17	23	29	35	41	47	53
16	5	11	18	24	31	37	44	50	57
17	5	12	19	26	33	40	47	54	61
18	6	13	21	28	36	43	51	58	66
19	6	14	22	30	38	46	54	62	70
20	6	15	23	32	40	49	57	66	74
21	7	16	25	34	43	52	61	70	79
22	7	17	26	36	45	55	64	74	83
23	8	18	28	38	48	58	68	78	88
24	8	18	29	39	50	60	71	81	92
25	8	19	30	41	52	63	74	85	96
26	9	20	32	43	55	66	78	89	101
27	9	21	33	45	57	69	81	93	105
28	9	22	34	47	59	72	84	97	109
29	10	23	36	49	62	75	88	100	113
30	10	24	37	51	64	77	91	104	118

10 Ft. Log Sweep Deductions

Scribner Rule

Sweep Deduction in Board Feet for 12' Logs

Log Diameter	Sweep in Inches								
	2	3	4	5	6	7	8	9	10
10	2	6	10	14	18	23	27	31	35
11	2	7	12	17	21	26	31	35	40
12	3	8	13	19	24	29	35	40	45
13	3	9	15	21	27	33	39	45	51
14	3	10	16	23	30	36	43	49	56
15	4	11	18	25	32	40	47	54	61
16	4	12	20	27	35	43	51	59	66
17	4	13	21	29	38	46	55	63	72
18	5	14	23	32	41	50	59	68	77
19	5	14	24	34	43	53	62	72	81
20	5	15	26	36	46	56	66	77	87
21	5	16	27	38	49	59	70	81	92
22	6	17	29	40	51	63	74	86	97
23	6	18	30	42	54	66	78	90	102
24	6	19	31	44	57	69	82	94	107
25	7	20	33	46	59	73	86	99	112
26	7	21	35	48	62	76	90	104	117
27	7	22	36	50	65	79	93	108	122
28	8	23	38	53	68	83	98	113	128
29	8	23	39	55	70	86	101	117	132
30	8	24	40	57	73	89	105	121	137

12 Ft. Log Sweep Deductions

Scribner Rule

Sweep Deduction in Board Feet for 14' Logs

Log Diameter	Sweep in Inches								
	2	3	4	5	6	7	8	9	10
10	1	6	11	16	20	25	30	35	40
11	1	7	12	18	24	29	35	40	46
12	2	8	14	20	27	33	39	45	52
13	2	9	16	23	30	37	44	51	58
14	2	10	17	25	32	40	48	55	63
15	2	11	19	27	36	44	53	61	69
16	2	11	20	29	39	48	57	66	75
17	2	12	22	32	42	52	61	71	81
18	3	13	24	34	45	55	66	76	87
19	3	14	25	36	48	59	70	81	92
20	3	15	27	39	51	62	74	86	98
21	3	16	28	41	54	66	79	91	104
22	3	17	30	43	57	70	83	97	110
23	4	18	32	46	60	74	88	102	116
24	4	18	33	48	63	77	92	107	121
25	4	19	35	50	65	81	96	112	127
26	4	20	36	52	68	84	100	117	133
27	4	21	38	55	71	88	105	122	138
28	4	22	39	57	74	92	109	127	144
29	5	23	41	59	77	95	114	132	150
30	5	24	42	61	80	99	118	137	156

14 Ft. Log Sweep Deductions

Scribner Rule

Sweep Deduction in Board Feet for 16' Logs

Log Diameter	Sweep in Inches							
	2	3	4	5	6	7	8	9
10	6	11	17	22	28	33	39	44
11	6	13	19	25	32	38	45	51
12	7	14	22	29	36	43	50	57
13	8	16	24	32	40	48	56	64
14	9	18	26	35	44	53	62	70
15	10	19	29	38	48	58	67	77
16	10	21	31	42	52	62	73	83
17	11	22	34	45	56	67	78	89
18	12	24	36	48	60	72	84	96
19	13	26	38	51	64	77	90	102
20	14	27	41	54	68	82	95	109
21	14	29	43	58	72	86	101	115
22	15	30	46	61	76	91	106	121
23	16	32	48	64	80	96	112	128
24	17	34	50	67	84	101	118	134
25	18	35	53	70	88	106	123	141
26	18	37	55	74	92	110	129	147
27	19	38	58	77	96	115	134	153
28	20	40	60	80	100	120	140	160
29	21	42	62	83	104	125	145	166
30	22	43	65	86	108	129	151	173

16 Ft. Log Sweep Deductions

Doyle Rule

Sweep Deduction in Board Feet for 8' Logs

Log Diameter	Sweep in Inches								
	2	3	4	5	6	7	8	9	10
10	2	4	5	7	9	11	13	14	16
11	2	4	7	9	11	13	15	17	20
12	3	5	8	11	13	16	19	21	24
13	3	6	9	12	15	18	22	25	28
14	4	7	11	14	18	21	25	29	32
15	4	8	12	16	20	24	28	32	36
16	5	9	14	18	23	27	32	36	41
17	5	10	15	20	25	30	35	40	44
18	5	11	16	22	27	33	38	44	49
19	6	12	18	24	29	35	41	47	53
20	6	13	19	26	32	38	45	51	58
21	7	14	21	27	34	41	48	55	62
22	7	15	22	29	37	44	52	59	66
23	8	16	23	31	39	47	55	63	70
24	8	17	25	33	42	50	58	67	75
25	9	18	26	35	44	53	62	70	79
26	9	19	28	37	47	56	65	74	84
27	10	20	29	39	49	59	68	78	88
28	10	21	31	41	51	62	72	82	93
29	11	22	32	43	54	65	75	86	97
30	11	23	34	45	56	68	79	90	101

8 Ft. Log Sweep Deductions

Doyle Rule

Sweep Deduction in Board Feet for 10' Logs

Log Diameter	Sweep in Inches								
	2	3	4	5	6	7	8	9	10
10	2	4	6	8	10	13	15	17	19
11	2	5	8	11	13	16	19	22	25
12	3	6	9	13	16	19	23	26	29
13	3	7	11	15	19	23	26	30	34
14	3	8	12	17	21	25	30	34	39
15	4	9	14	19	24	29	34	39	44
16	4	10	15	21	27	32	38	44	49
17	5	11	17	23	30	36	42	48	55
18	5	12	19	25	32	39	46	53	59
19	6	13	20	28	35	43	50	58	65
20	6	14	22	30	38	46	54	62	70
21	6	15	24	32	41	50	58	67	75
22	7	16	25	34	44	53	62	71	80
23	7	17	27	37	47	57	66	76	86
24	8	18	29	39	49	60	70	81	91
25	8	19	30	41	52	63	75	86	97
26	9	20	32	44	55	67	78	90	102
27	9	21	34	46	58	70	83	95	107
28	10	23	35	48	61	74	87	100	113
29	10	24	37	51	64	78	91	104	118
30	11	25	39	53	67	81	95	109	123

10 Ft. Log Sweep Deductions

Doyle Rule

Sweep Deduction in Board Feet for 12' Logs

Log Diameter	Sweep in Inches								
	2	3	4	5	6	7	8	9	10
10	1	4	7	9	12	15	18	20	23
11	2	5	8	12	15	19	22	25	29
12	2	6	10	14	18	22	26	30	34
13	2	7	12	16	21	26	31	35	40
14	3	8	13	19	24	29	35	40	46
15	3	9	15	21	27	33	39	46	52
16	3	10	17	24	30	37	44	51	57
17	4	11	19	26	34	41	49	56	64
18	4	12	20	29	37	45	53	61	69
19	4	13	22	31	40	49	58	67	76
20	5	14	24	34	43	53	62	72	82
21	5	16	26	36	47	57	67	78	88
22	6	17	28	39	50	61	72	83	94
23	6	18	29	41	53	65	77	88	100
24	6	19	31	44	56	69	81	94	106
25	7	20	33	46	60	73	86	99	113
26	7	21	35	49	63	77	91	105	119
27	7	22	37	51	66	81	96	110	125
28	8	23	39	54	69	85	100	116	131
29	8	24	40	57	73	89	105	121	137
30	8	25	42	59	76	93	110	127	144

12 Ft. Log Sweep Deductions

Doyle Rule

Sweep Deduction in Board Feet for 14' Logs

Log Diameter	Sweep in Inches								
	2	3	4	5	6	7	8	9	10
10	1	4	7	10	13	16	19	22	26
11	1	5	9	13	17	21	24	28	32
12	1	6	11	15	20	25	29	34	39
13	1	7	12	18	23	29	34	40	45
14	2	8	14	20	26	33	39	45	51
15	2	9	16	23	30	37	44	51	58
16	2	10	18	26	33	41	49	57	65
17	2	11	20	28	37	46	54	63	72
18	2	12	21	31	40	50	59	69	78
19	3	13	23	34	44	54	65	75	86
20	3	14	25	36	48	59	70	81	92
21	3	15	27	39	51	63	75	87	99
22	3	16	29	42	55	68	80	93	106
23	3	17	31	45	58	72	86	100	113
24	4	18	33	47	62	77	91	106	120
25	4	19	35	50	66	81	97	112	127
26	4	20	37	53	69	85	102	118	134
27	4	21	39	56	73	90	107	124	141
28	5	23	41	59	77	95	113	131	149
29	5	24	42	61	80	99	118	137	156
30	5	25	44	64	84	103	123	143	163

14 Ft. Log Sweep Deductions

Doyle Rule

Sweep Deduction in Board Feet for 16' Logs

Log Diameter	Sweep in Inches							
	2	3	4	5	6	7	8	9
10	4	7	11	14	18	22	25	29
11	4	9	13	18	22	27	31	36
12	5	11	16	21	27	32	37	43
13	6	12	19	25	31	37	44	50
14	7	14	21	29	36	43	50	57
15	8	16	24	32	40	48	56	65
16	9	18	27	36	45	54	63	72
17	10	20	30	40	50	60	70	80
18	11	22	33	44	54	65	76	87
19	12	24	36	47	59	71	83	95
20	13	26	38	51	64	77	90	102
21	14	28	41	55	69	83	96	110
22	15	29	44	59	74	88	103	118
23	16	31	47	63	78	94	110	126
24	17	33	50	67	83	100	117	133
25	18	35	53	71	88	106	123	141
26	19	37	56	74	93	112	130	149
27	20	39	59	78	98	118	137	157
28	21	41	62	82	103	123	144	165
29	22	43	65	86	108	129	151	172
30	23	45	68	90	113	135	158	180

16 Ft. Log Sweep Deductions

The Hardwood Log Desktop Reference Book

Hardwood Spreadsheet Desktop Utility Collection

Four Microsoft Excel spreadsheets are included with this publication. These spreadsheets include:

The **Bucking Pattern Value Utility** allows you to determine the overall log value yield from a bucking pattern by entering the size and grade of the logs you intend to produce.

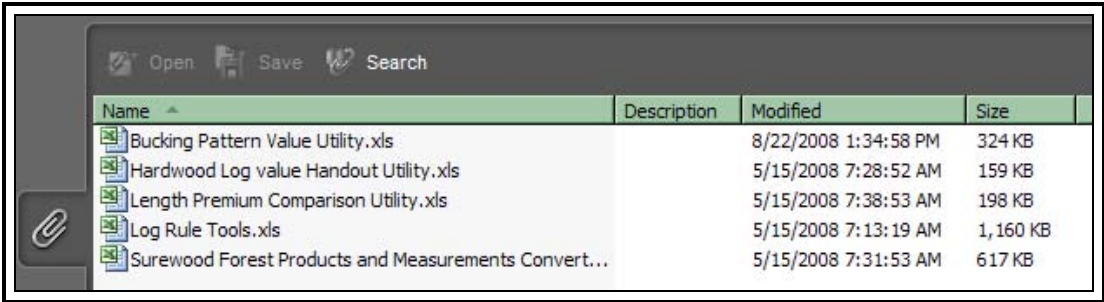
The **Hardwood Log Value Handout Utility** allows you to create a single page handout showing the values for various sizes of logs for six different grades. This is intended as an aid in making bucking decisions. Doyle, Scribner and International ¼" rule are included.

The **Length Premium Comparison Utility** allows you to analyze length premium prices to determine if they are sufficient incentive to cut longer logs.

Log Rule Tools allows you to make accurate comparisons of prices between seven different log rules.

Surewood Forest Products & Measurements Converter allows you to make a wide range of conversions among forest products and land measurements.

To access these spreadsheets, first click on the paper clip symbol  in the lower left side of this window. The following will then appear as the bottom of the page:



Name	Description	Modified	Size
Bucking Pattern Value Utility.xls		8/22/2008 1:34:58 PM	324 KB
Hardwood Log value Handout Utility.xls		5/15/2008 7:28:52 AM	159 KB
Length Premium Comparison Utility.xls		5/15/2008 7:38:53 AM	198 KB
Log Rule Tools.xls		5/15/2008 7:13:19 AM	1,160 KB
Surewood Forest Products and Measurements Convert...		5/15/2008 7:31:53 AM	617 KB

Simply double-click on the file you want to open (MS Excel is required).

The Hardwood Log Desktop Reference Book

Volume Log Rule Conversion Factors

(multiply log volumes by the factors shown to convert between log rules)

Doyle Log Rule		
diameter <u>range</u>	to <u>International</u>	to <u>Scribner</u>
8-10	1.93	1.68
8-13	1.69	1.46
10-13	1.52	1.31
14-16	1.27	1.15
14-20	1.20	1.11
14-24	1.15	1.08
20-30	1.04	1.03
30-40	0.95	0.93

Scribner Log Rule		
diameter <u>range</u>	to <u>International</u>	to <u>Doyle</u>
8-10	1.16	0.61
8-13	1.16	0.71
10-13	1.16	0.77
14-16	1.11	0.87
14-20	1.08	0.9
14-24	1.06	0.92
20-30	1.01	0.97
30-40	1.02	1.08

International 1/4" Log Rule		
diameter <u>range</u>	to <u>Scribner</u>	to <u>Doyle</u>
8-10	0.88	0.53
8-13	0.87	0.61
10-13	0.87	0.66
14-16	0.9	0.79
14-20	0.93	0.84
14-24	0.95	0.88
20-30	0.99	0.96
30-40	0.98	1.05

The Hardwood Log Desktop Reference Book

Price Log Rule Conversion Factors

(multiply price per MBF by the factors shown to convert between log rules)

Doyle Log Rule		
diameter <u>range</u>	to <u>International</u>	to <u>Scribner</u>
8-10	0.53	0.61
8-13	0.61	0.71
10-13	0.66	0.77
14-16	0.79	0.87
14-20	0.84	0.9
14-24	0.88	0.92
20-30	0.96	0.97
30-40	1.05	1.08

Scribner Log Rule		
diameter <u>range</u>	to <u>International</u>	to <u>Doyle</u>
8-10	0.88	1.68
8-13	0.87	1.46
10-13	0.87	1.31
14-16	0.9	1.15
14-20	0.93	1.11
14-24	0.95	1.08
20-30	0.99	1.03
30-40	0.98	0.93

International 1/4" Log Rule		
diameter <u>range</u>	to <u>Scribner</u>	to <u>Doyle</u>
8-10	1.16	1.93
8-13	1.16	1.69
10-13	1.16	1.52
14-16	1.11	1.27
14-20	1.08	1.2
14-24	1.06	1.15
20-30	1.01	1.04
30-40	1.02	0.95

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USDA Forest Service Standard Grades for Hardwood Factory Lumber Logs^a

Log Grades

GRADING FACTORS

		1			2				3
Position in tree (butts only, butts & uppers)		Butts	Butts & uppers		Butts & uppers				Both
Scaling diameter (inches)		13-15 ^b	16-19	20+	11+ ^c	12+			8+
Length without trim (feet)		10+			10+	8-9	10-11	12+	8+
Required clear cuttings ^d of each of 3 best faces ^e	Min. length (feet)	7	5	3	3	3	3	3	2
	Max. number	2	2	2	2	2	2	3	No limit
	Min. proportion of log length required in clear cuttings	5/6	5/6	5/6	2/3	3/4	2/3	2/3	1/2
Maximum sweep & creek allowance	For logs with less than 1/4 of end in sound defects	15%			30%				50%
	For logs with more than 1/4 of end in sound defects	10%			20%				35%
Maximum scaling deduction		40% ^f			50% ^g				50%

a. From USDA Forest Service Research Paper FPL-63.

b. Ash and basswood butts can be 12 inches if they otherwise meet requirements for small #1's.

c. Ten-inch logs of all species can be #2 if they otherwise meet requirements for small #1's.

d. A clear cutting is a portion of a face, extending the width of the face, that is free of defects.

e. A face is 1/4 of the logs as divided lengthwise.

f. Otherwise #1 logs with 41-60% deductions can be #2.

g. Otherwise #2 logs with 51-60% deductions can be #3.

NOTE: These grades for the basis of grading rules for many individual buyers, but are not commonly used in their entirety.

Rules-of-Thumb for Expert Hardwood Log Bucking

(Noble, 2008)

1. Place bucking cuts to minimize sweep and crook;
2. Look for the best log that can be cut from a stem and then work around it;
3. Cut the longest log that you can without lowering the grade (clear faces grading rules); and
4. Place bucking cuts to leave defects on the end of logs, increasing the clear cuttings (clear cuttings grading rules)

Bucking Notes and Observations

Know your markets – be aware of the required lengths, trim, minimum diameters, interpretation of defects and price changes between log grades. Up to date log specification and price sheets and communication with log buyers are essential part of market knowledge.

Measure carefully when bucking logs. A hip mounted tape measured is a great aid in log bucking. Many are graduated on one side to allow diameter measurements (though you must make an allowance for bark), enabling you to know if your log will meet an important minimum size before making a cut.

Large, well-centered holes are acceptable for many grades of sawlogs.

Cull sections should usually be bucked out of the stem. An exception might be if a log would be too short to meet market specifications with leaving a cull section attached.

Presentation counts – log buyers look more favorably upon accurate lengths and squarely cut logs, with obvious defects trimmed away. Root flair should be cut away to allow logs to be stacked and transported more efficiently. Your logs are your calling card.

Noble, Scott. 2008. *Improving Hardwood Log Values: A Manual for Training Expert Buckers*. Northeastern Loggers' Association. Old Forge, NY. 349 p.

The Hardwood Log Desktop Reference Book

Discussion and Annotations

The preceding log bucking rules were paraphrased from Scott Noble's excellent manual on how to train expert log buckers. The manual was published with USDA Forest Service funding as part of the Hardwood Value Improvement Project and a free electronic version is available from the Forest Service's Wood Education and Resource Center.

Following these bucking rules with a correct understanding of your intended markets will lead to gains in value recovery. Hardwood market specifications vary from buyer to buyer and there are significant differences between regions. Species specific knowledge of log defects is an important aspect of bucking decisions, though it can not be learned overnight. Combine your knowledge of the wood with information from your buyer about how specifications are interpreted in using these rules-of-thumb.

Minimizing sweep and crook is a good first rule because your initial assessment of a stem often comes from its' shape. Logs are often said to "buck themselves" based on their growth pattern. Know the maximum amount of sweep allowed for each grade. As a general rule, sawlogs can have up to 2" of sweep without any penalty. Veneer specifications are often stricter. In some cases sweep will not warrant a scale deduction, but will drop a log to a lower grade.

Preserving the best log in making bucking decisions is a sound practice. This log very often contains more than half the value of the entire stem, often much more. After preserving this log, reconsider the remainder of the stem, applying any of the rules of thumb that might be relevant.

Clear cuttings rules are superior to clear faces rules in terms of the suitability of the resulting logs for the sawing process. With this in mind, many buyers will be liberal in their interpretation of clear faces rules. In other words, a face that is largely free of defects, or has them well spaced, will be considered a clear face.

Many sawmills prefer longer logs. Cutting the longest log you can without changing grade is a rule designed specifically for clear faces grading rules. In general, the farther you travel up along the stem, the more likely you are to encounter defects. Literal interpretation of clear faces rules would rule out a face even for one small defect. In many cases, buyers apply the clear faces rules as if they were clear cuttings rules.

Making the longest log you can is a rule that often applies to the upper end of stems. If all of the material from a certain point on is of a particular grade, such as #3, you might as well make the longest number three possible, as shortening the log will not increase the grade.

Placing defects near the end of logs increases clear cuttings – making the sawyer's value recovery job easier. In some cases defects can be kept in the trim.

The Hardwood Log Desktop Reference Book

HVIP Bucking Tips Series

The following series of hardwood log bucking tips were created as part of the Hardwood Value Improvement Project and published in 2007 and 2008 in a number of forest industry trade publications.



Hardwood Log Bucking Tips

One in a Series Provided by the Hardwood Value Improvement Project

Value and Volume Trade-offs – When is Shorter Better?

When does it make sense to make a log shorter in order to make a step up in grade? A common assumption is that the scaled volume in a log, the better. In situations where producing the most value is the goal, it often makes sense to sacrifice volume in favor of upgrading a log into a higher paying grade. A log can be shortened by 2' (e.g. 12' log bucked back to 10') as long as the **increase in price** to the resulting grade is **at least 30%**. This is true of Doyle, Scribner and International ¼" log rules alike. This assumes no increase in the diameter of the log. If the diameter increases by one inch, a smaller increase in price is all that is needed to increase the value of the log. Specifically, increases of **18%** for **International ¼" rule**, **15%** for **Scribner rule** and **16%** for **Doyle rule** are all that is necessary.

Let's consider an example. Suppose you are considering bucking out a 12' #1 grade hardwood sawlog, that we will assume is 14" inches in diameter (100 board feet, International rule). At a #1 grade price of \$600 per MBF, this log is worth \$60 (0.100 MBF x \$600). Alternatively, you buck it into a shorter 10' *Select* grade log. Assuming that this shorter log is also 14" in diameter, it would yield 80 board feet. If the *Select* grade log sells for \$900 per MBF, this smaller log is worth \$72 (0.080 MBF x \$900) and the two feet that you didn't put on the end of this log are probably the butt end of the next log.

Are all of these calculations necessary before making the bucking decision? Not really. All you needed to know is that the \$900 price is 50% more than the \$600 price. It is often possible to jump more than one grade in price by shortening a log, resulting in more dramatic value increases.

Communication with log buyers is important. Some would prefer buy the log in a longer length, but are willing to pay you for the shorter, higher value log.

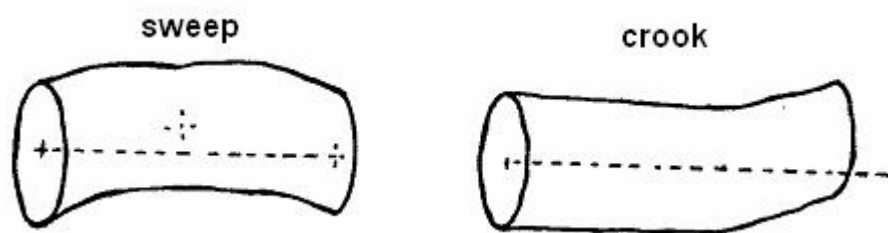
When a logger is working on a production-based contract, the focus is going to be on providing the highest volume of logs, negating the whole question of volume versus value. Mills and buyers who contract out production should take a close look at their price incentives to ensure that maximizing log value is logical course of action for the contractor.



Hardwood Log Bucking Tips

One in a Series Provided by the Hardwood Value Improvement Project

Make them Straight – Minimize Sweep and Crook



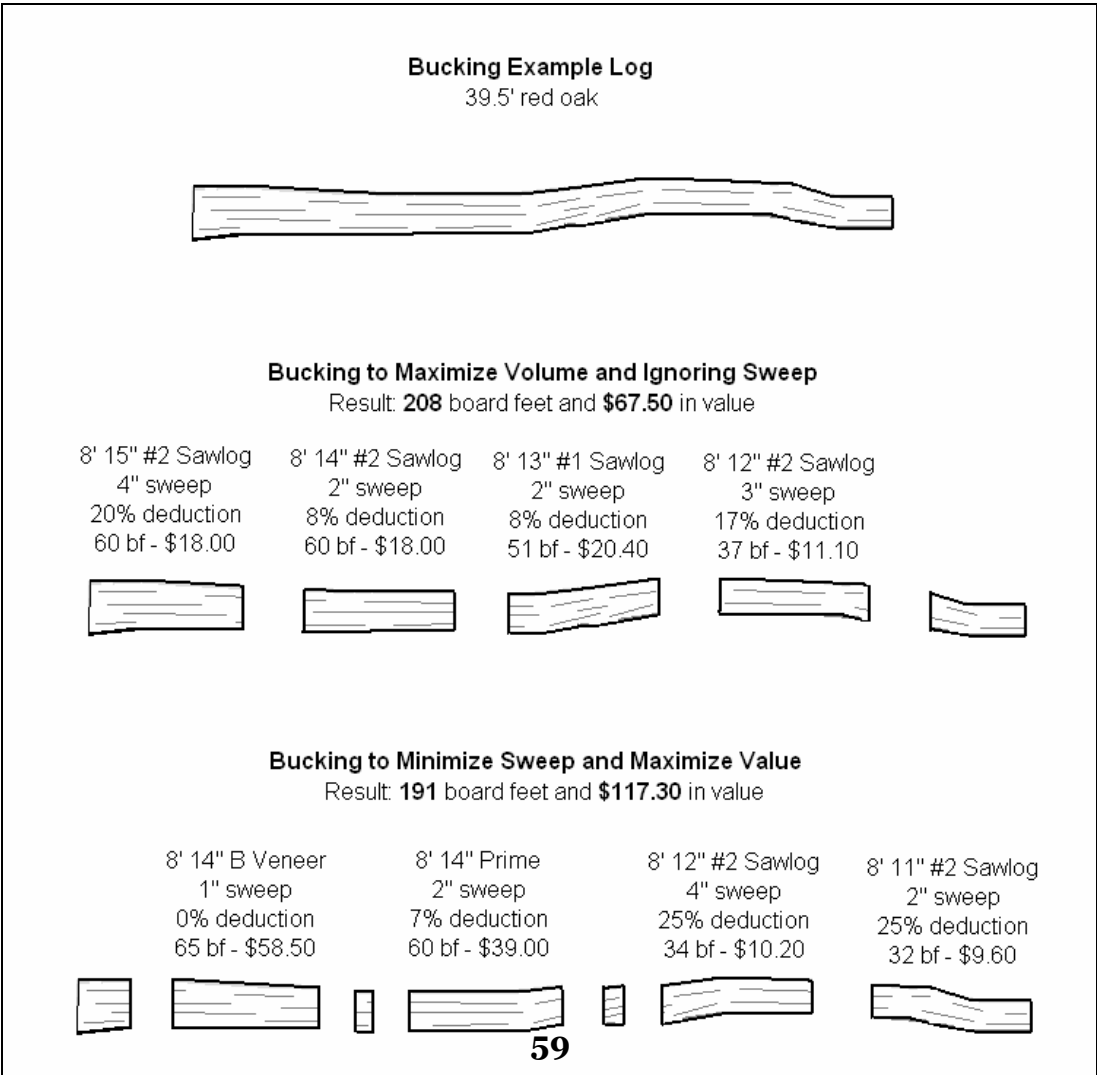
It is important to understand the impact of sweep and crook on the volume that can be sawn from a log. Sweep and Crook will lower the scaled volume of a log. Excessive sweep or crook will result in a lower price grade for the log.

Some sweep is unavoidable, based on the shape of the tree. In most cases, one or two potential logs close to the butt end of the tree will contain the greatest share of the potential value of the tree. Minimizing the sweep on these logs is most critical in ensuring the highest possible grade, even if this means cutting out otherwise useful sections of the stem.

Consider the challenge in bucking the red oak stem in the following diagram. This stem is 39.5’ long and there are 6 potential log grades available (A Veneer, B Veneer, Prime, #1, #2, & #3). The first bucking approach emphasizes volume and expediency. Four 8’ sawlogs are cut from the stem in successive order. The butt log has the highest potential value, but this bucking pattern leaves 4” of sweep in it, creating a log worth only \$18. Overall, this bucking pattern produced 208 board feet and just \$67.50 in value.

The second bucking pattern focuses on minimizing sweep in the most valuable logs and maximizing the total value of the stem. By butting off a section of the tree to eliminate most of the sweep, the butt log is now has only 1” of sweep, enabling it to grade out as a B Veneer worth \$58.50. Overall, this bucking pattern produced 191 board feet and \$117.30 in value, a 74% increase in value over the other bucking pattern. Not that this approach resulted in three short sections cut out of various locations on the stem, rather than one long one at the top.

This bucking comparison was accomplished with HW Buck software used in HVIP log bucker training. For a public version of this eye-opening software, visit Michigan Tech’s Hardwood Research Group’s website (forest.mtu.edu/research/hwbuck/).



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HARDWOOD Value Improvement Project

www.hardwoodvip.org

Hardwood Log Bucking Tips

One in a Series Provided by the Hardwood Value Improvement Project

Look for the Best Log

One of the rules-of-thumb for optimal bucking of hardwood logs developed at Michigan Tech for HVIP by Jim Pickens and Scott Noble is to look for the best log that can be cut from the stem and then work around it. For most of our valuable hardwood species, there are significant price differences between grades. Most often, there is one potential log in the stem that will contain the majority of that tree's value. Comparisons made with the HW Buck software used as a training tool in the Hardwood Value Improvement Project bear this out.

To test this rule-of-thumb, 25 five hard maple stems were bucked using the optimization process in the HW Buck software. In this process, HW Buck compares every possible combination of log bucking options for each stem, using pre-defined grading rules and prices. The bucking pattern that results in the highest value is presented, showing the value of each log created. For each of the 25 trees used in our example, the value and volume of each log was recorded. In this small sample, optimal bucking patterns resulted in production of 1 to 4 logs from each tree. On average, the **best log** from each tree represented **68%** of that tree's **value**. Taking this a step further, for trees where 3 or more logs were created, the **best two** of these logs, on average, represented **91%** of that tree's **value**.

This example used International ¼" log rule and seven grades of logs, ranging from veneer to scragwood in price and quality. Note that similar results could be expected regardless of the price schedule, log rule and species, as long as the relative differences in prices from one log grade to the next that are commonly reflected in the market are used. Historically, percent differences among prices by log grade have remained similar.

Look for the best log in a tree that can be made and work around it in making your bucking decisions. Capturing the value of this best log goes a long way toward realizing the full potential value of each tree.

Hardwood Log Bucking Tips

One in a Series Provided by the Hardwood Value Improvement Project

Give HW Buck Software a Try

The Hardwood Value Improvement Project uses HW Buck log bucking software as a training tool in log bucking workshops. This software was first developed by Dr. Jim Pickens and others at Michigan Tech and then more recently enhanced by both Pickens and Scott Noble to provide a more realistic and user-friendly experience. This Windows program allows you to look at 150 different tree stems, rolling them around on screen to see the shape of each one, along with its defects. The user can then place accurate cuts to decide how each stem should be bucked. The program gives you the result of your bucking decisions, including the board foot volume of each log and its value, as well as the overall value created in bucking the stem. One popular option allows you to compare your result against the optimal bucking pattern for the stem.

HW Buck software is a great way to practice log bucking techniques without expensive mistakes, safety hazards or sawdust. Users will find that patterns of sound bucking decisions become evident after using the program for a while. Comparing individual results to the optimal results provided by the software reinforces how much profit could be gained by making better bucking decisions. HW Buck isn't a perfect representation of the real world, but it is a very good way to practice cutting up logs and see immediate results. Like any software, a little bit of time must be spent in learning how it works. Many of us have a younger and more computer-friendly person around the house to lead us through it.

To download a **FREE** public version of HW Buck Software, visit Michigan Tech's Hardwood Research Group's web page (<http://forest.mtu.edu/research/hwbuck/downloads.htm>). This version has a limited number of log market options, but does include all of the log bucking options. For a more enhanced version of this software, along with several other important hardwood log bucking resources, please attend an HVIP log bucking workshop.



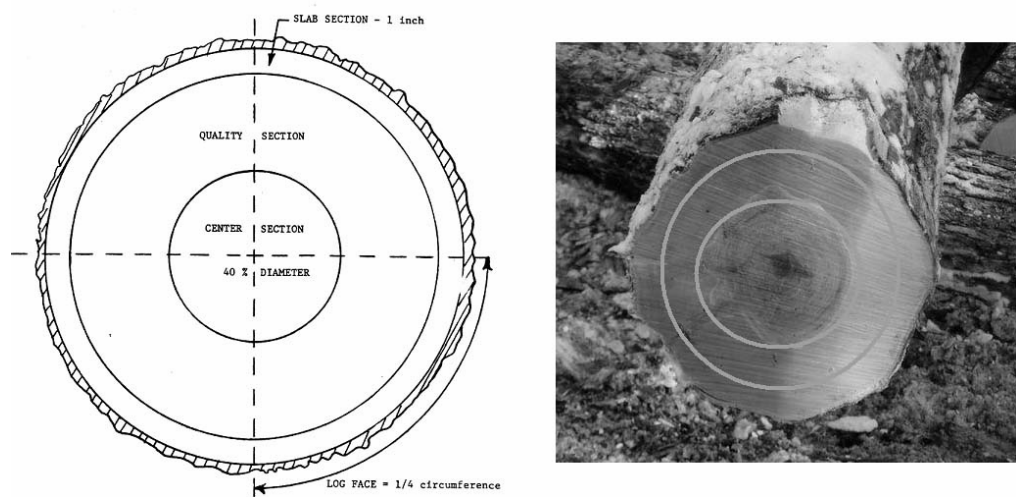


Hardwood Log Bucking Tips

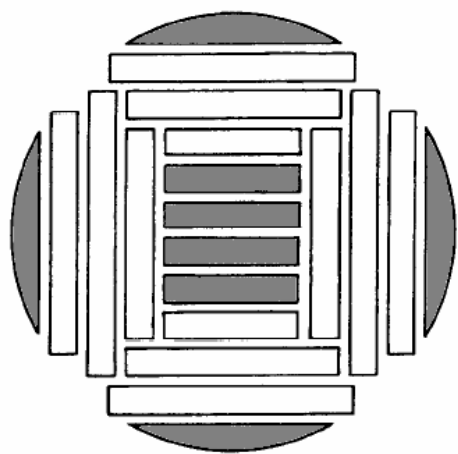
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Know the Quality Zone

In producing valuable hardwood logs from tree stems, it is important to understand the potential of logs to produce lumber and other valuable products. Producing square items like boards from the naturally irregular shape of logs is challenging enough. When this combined with common defects such as knots, holes and seams, the sawyer will need considerable skill to produce the most valuable lumber. Removing slabs from the log and squaring them up for further sawing leaves us with a portion of the log known as the “quality zone”, shown below.



sawing diagram of quality zone



The quality zone has been defined as the portion of the log between the heart zone (the center 40% of the log’s diameter) and the slab wood (the outer inch of the log’s diameter). This quality zone is where the high-quality boards are sawn from. These “jacket boards” tend to have large defect-free areas. **Defects that impact the quality zone will lower the yield of the higher grades of lumber.** The various grading systems that mills and other buyers use reward logs with fewer defects and penalize those with more of them. The differences in prices between grades represent the greatest potential gains and losses during the bucking process.

The Hardwood Log Desktop Reference Book



Hardwood Log Bucking Tips

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Making a Good First Impression



Hardwood logs may better or worse than they look at first glance. A little extra care in cutting out logs can ensure that they make the best possible impression upon the buyer or scaler. The red oak log in the photo above on the left has the root flair left on it. In this case it gives the log an exaggerated appearance of sweep and tends to make the heart look off-center, which might rule out a veneer grade. From a practical standpoint, it makes it difficult to load this log on a truck or in a container. Trimming off the root flair in this case would reveal that the heart is indeed centered. The red oak log on the right came into a sawmill yard with a significant amount of root flair. Yard workers trimmed away this flair in preparation for showing it to a veneer buyer.

Buyers prefer logs that are squarely cut to accurate lengths. This attention to details signals to the buyer that you have taken the time to carefully buck out your logs. This positive impression can have a strong beneficial effect over the course of scaling and grading an entire load of logs.



Hardwood Log Bucking Tips

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Recognizing Veneer-Only Defects



Some defects that are generally ignored in sawlogs are serious enough to prevent an otherwise acceptable log from making a veneer grade. The gum shown in the growth ring of the cherry log on the left can seriously devalue the appearance of the veneer, shown on the right. Veneer-only defects tend to include items like single adventitious buds, mineral streaks, curl, defoliant rings, slight ingrown bark, and tension streaks. Some defects are species specific.

The presence of defects that immediately rule out veneer grades will often change the ideal bucking pattern for a particular stem. For instance, when a clear 10' butt log has its veneer log potential ruled out by an interior defect visible on the end, such as gum, a 12' sawlog may be the next best alternative. Making a careful appraisal of external defect indicators is a good first step in judging the best potential logs that may be cut from a stem. Knowing how to recognize these defects is an important skill in making bucking decisions.

The images above came from *Defining Hardwood Veneer Log Quality Attributes* (Wiedenbeck et al, 2004). This free US Forest Service publication contains many high quality color images of veneer defects, supplementing a very good description of the hardwood veneer industry in North America. You can download a copy at www.fs.fed.us/ne/princeton/publications/index.html.



Hardwood Log Bucking Tips

One in a Series Provided by the Hardwood Value Improvement Project

Know Your Markets



What are the rules and how are they applied?

The golden rule used throughout training by the Hardwood Value Improvement Project is “know your markets”. Hardwood log markets can be expected to vary considerably by species, buyer and region. A quick glance through publications such as *The Sawlog Bulletin* bears this out. While a particular mill or buyer may have a general set of specifications for the grades of logs they purchase, there are often species specific requirements as well. Knowing these specifications is essential in bucking hardwood logs for grade.

Knowing your markets means knowing the physical size requirements for the logs you are producing, the quality requirements, price differentials for various grades and how all of these specifications will be applied and interpreted by the scaler or buyer.

Physical requirements include minimum diameters (e.g. 14” minimum for veneer logs), acceptable lengths (e.g. 8’, 9’ & 10’ only or 8, 10, 12, 14, 16’) and trim lengths (e.g. 4”, 6”, etc.). Quality requirements refer the number, type and position of defects that are allowed. Quality requirements tend to specify the number of clear faces (or length and number of clear cuttings), and the amount of sweep, heart, holes, etc. The differences in prices between grades are readily available and knowing the change in percent from one grade to the next helps you to understand when to it makes sense to sacrifice volume for grade.

Communication and interactions with buyers is an essential aspect of knowing your markets. Mills have demonstrated that they want better logs by assigning progressively higher prices for better grades. Ask questions of buyers to understand how they grade logs and make deductions for various defects. In the end, the market will reward you for this effort.



Hardwood Log Bucking Tips

One in a Series Provided by the Hardwood Value Improvement Project

Understanding Hardwood Defects

Hardwood Defect: "An imperfection in the slab zone, quality zone, or heart center resulting in the reduction of sound wood volume and quality."



One of the most important aspects of the Hardwood Value Improvement Project's training package is an emphasis on understanding hardwood defects. Workshop participants learn to recognize log surface indicators of internal defects and understand their impact on value and bucking patterns. The *Hardwood Defect Trainer* is an important resource that participants take home with them. The self-contained web page includes a step by step tutorial that explains many types of defects, along with an extensive photo gallery and defect index. An online version of the *Hardwood Defect Trainer* can be found on Michigan Tech's Hardwood Research Group website:

(http://forest.mtu.edu/research/hwbuck/hardwood_defects/index.html).



Hardwood Log Bucking Tips

One in a Series Provided by the Hardwood Value Improvement Project

Cut the Longest Log Possible Without dropping a Grade

Cutting the longest, straightest log possible without having it drop to a lower price grade is a sound bucking practice. Another way of thinking about this rule of thumb is that you want to put the maximum amount of the tree possible into its highest eligible grade. In following this rule it's important to know the specifications for each grade, including the minimum diameter, the maximum number of allowable defects or the number of clear faces required.

Clear face log grading rules dominate the eastern hardwood region. In general, log grades drop each time an otherwise clear face contains a defect. The farther you go up the stem, the more likely you are to encounter additional defects, often ruling out a clear grading face.



The 12' long black cherry log shown here meets the standard for a #1 grade sawlog. If the log had been cut 14' long, it would have included additional defects and dropped in diameter below the stated minimum for the #1 grade. While a 14' log could be bucked off after the fact, getting it right the first time means that 2' of length was included in the next log.

This rule-of-thumb is sometimes perceived as encouraging the cutting of shorter logs, though this is not the case. If using this practice does result in shorter logs, it is only because the market specifications reward them.

Application of this rule-of-thumb becomes difficult if a price schedule includes length premiums within a grade. Under these price arrangements, longer logs included within a higher grade even if they contain fewer clear grading faces. Providing the proper financial incentives in length premiums will be addressed in detail in another installment of the *HVIP Bucking Tips* series.

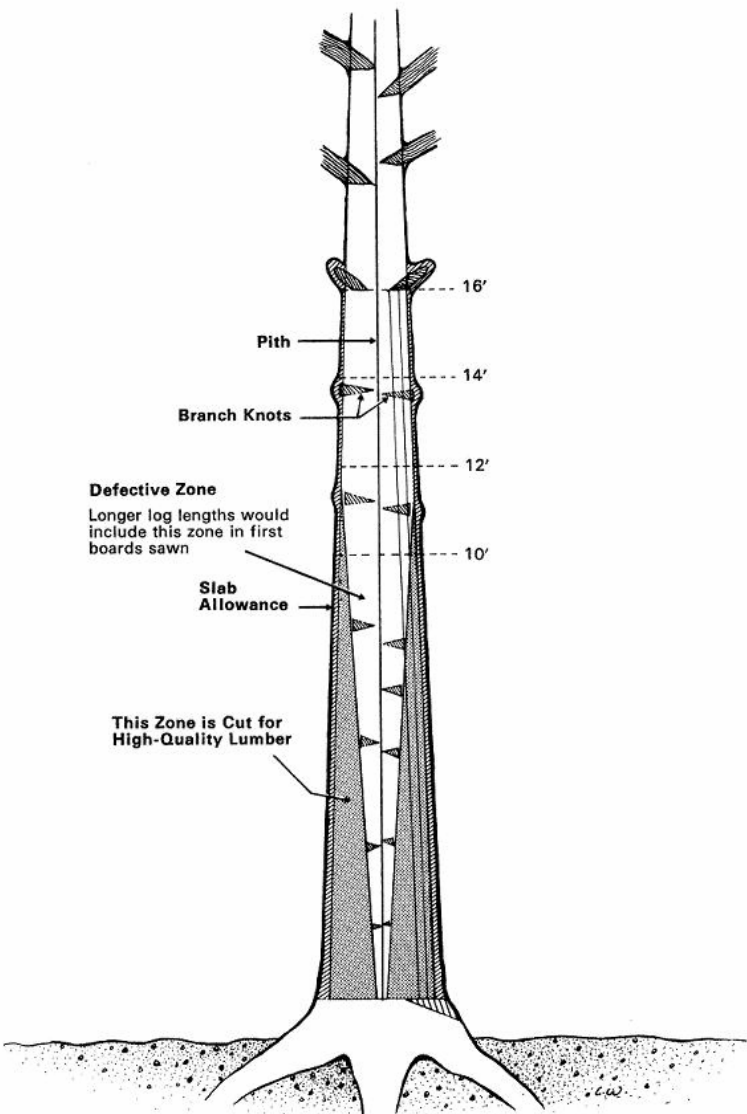


Hardwood Log Bucking Tips

One in a Series Provided by the Hardwood Value Improvement Project

Tree Growth Patterns and Log Production Potential

A new layer of growth is added to a tree each year – shoot upon shoot and layer upon layer. Growth in height is an extension of the existing stem and branches, rather than an advancement of the stem from the ground up. Branches remain in the same position on the stem throughout its life, rather than advancing up the stem as the trees grow in height. Understanding these growth patterns can help you make better log bucking decisions.



This diagram is commonly used to relate tree growth patterns to log production potential. The butt log has the largest diameter and most of the defects from branching are buried in the heart, rather than in the quality zone that yields the best lumber or veneer. This is the reason why some grading specifications for high value logs call for “butts only”. Good bucking decisions give you the greatest payback in this portion of the stem. As you advance up the stem, diameter decreases, and branching is more common, extending from the surface and all the way through the log’s quality zone to the heart. Upper logs are usually viewed with a critical eye by buyers, even when minimal surface defects are apparent, because of the likelihood that defects exist somewhere in the quality zone.

This tree growth diagram is taken from F.J. Petro’s insightful book, *Felling and Bucking Hardwoods - How to Improve Your Profit*. You can obtain an electronic copy by attending an HVIP bucking workshop.

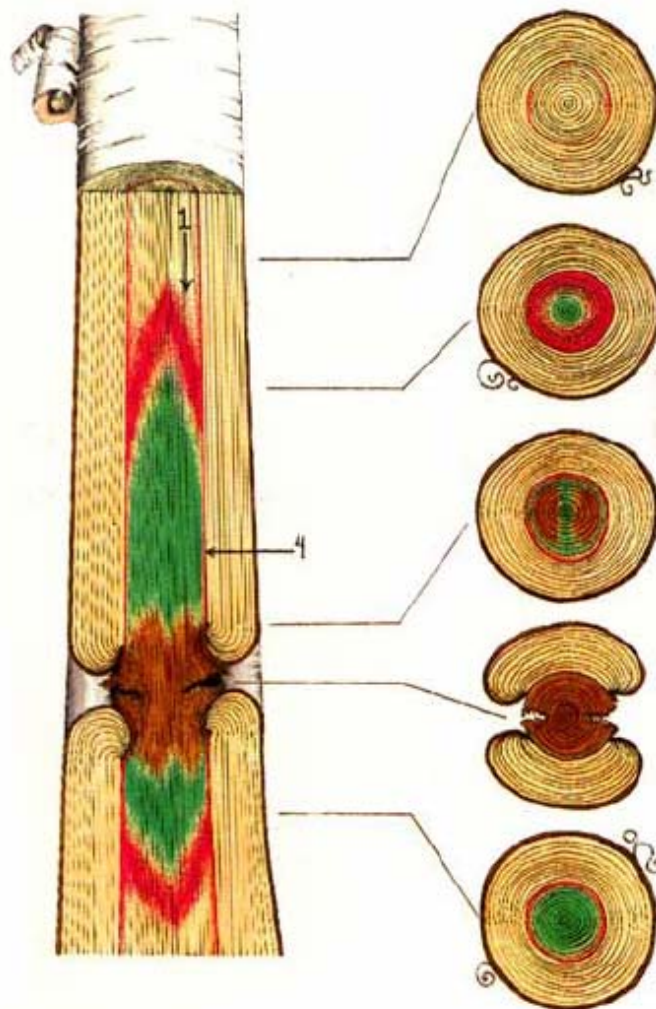


Hardwood Log Bucking Tips

One in a Series Provided by the Hardwood Value Improvement Project

Recognize Tree Decay in Your Bucking Decisions

Tree decay poses a challenge in bucking hardwood logs. A log bucker may be naturally inclined toward using as much of the stem as possible, but including significant portions of rotten or unsound wood in a log makes it difficult to produce lumber. Decay is often by fungi that enter the tree through various wounds. Decay travels inward from the wound, as well as up and down the stem. Trees attempt to compartmentalize decay, sealing it off with sound wood. Some species do a better job of this than others. Compartmentalization is a slow process accomplished by cumulative layers of growth over many years.



In bucking logs, you must judge how far decay extends in the stem and know how much is acceptable in the marketplace. The most common indicators of non-visible decay are low tree vigor and abnormal swelling of the stem. There is no substitute for experience in working with various species and communication with log buyers.

The diagram shows the decay caused over time by infection through a surface wound to the stem. It was taken from Alex Shigo's *Tree Decay: An Expanded Concept*. This Forest Service publication does an excellent job of explaining all aspects of tree decay, with dozens of **691** color illustrations. You can obtain a free copy from an HVIP certified local trainer or download one from www.treesearch.fs.fed.us.



Hardwood Log Bucking Tips

One in a Series Provided by the Hardwood Value Improvement Project

Understanding Length Premiums

Sawmills often prefer longer sawlogs. Clear face grading rules tend to encourage shorter logs – cutting a shorter log often results in another clear face, raising the grade (and value) of the log. Sawing practices are based on clear cuttings – the clear sections between defects. Longer logs give the sawyer more options in recovering clear cuttings. This reality creates a dilemma for both log buckers and log buyers.

Some pricing and grading schedules attempt to counter this log shortening tendency with length premiums. The premiums are somewhat higher price for the longer logs (14' & 16' for example), than for the shorter ones (8', 10', 12') within the same grades. One of the tested and true rules of thumb for bucking logs is to cut the longest log you can without dropping in grade. When is a price premium sufficient incentive to abandon this rule? Not very often, as it turns out.

Let's examine the potential trade-offs faced by a log bucker when price premiums are part of the market. Following the "cut the longest log rule", suppose that a 12' **prime** sawlog is could be cut, but cutting it into a 14' log would rule out a grading face and result in a **#1** grade. How much of a price premium would be needed to entice you to cut the longer log? What do you compare? Here are the options:

14' #1 Long grade

or

12' Prime grade

and

2' of length towards the next #1 log.

The Hardwood Value Improvement Project created a spreadsheet utility to answer this question. As it turns out, the length premium price would have to be at least 97% of the prime grade price before it makes financial sense to cut the longer log. This is true for Doyle, Scribner, and International rule markets alike. This also holds true for odd length logs, where the trade-off might only involve 1' in length.

Length premium prices tend to be somewhere in between the two grades in question and seldom or never are they 97% of the next highest grade. If you are bucking logs, the easy answer is to ignore most length premiums, though this does nothing to solve the buyer's problem of wanting longer logs. The buyer's solution is to alter the specifications in each grade, accepting more defects on the longer logs. A long #1 Long, for example, would simply be incorporated into the Prime grade. Note that the names of the grade is irrelevant, it is the differences between each grade that matters.

The Hardwood Log Desktop Reference Book

USEFUL REFERENCES

(note that many of these publication are available online for free in PDF format from the USDA Forest Service and various state extension agencies)

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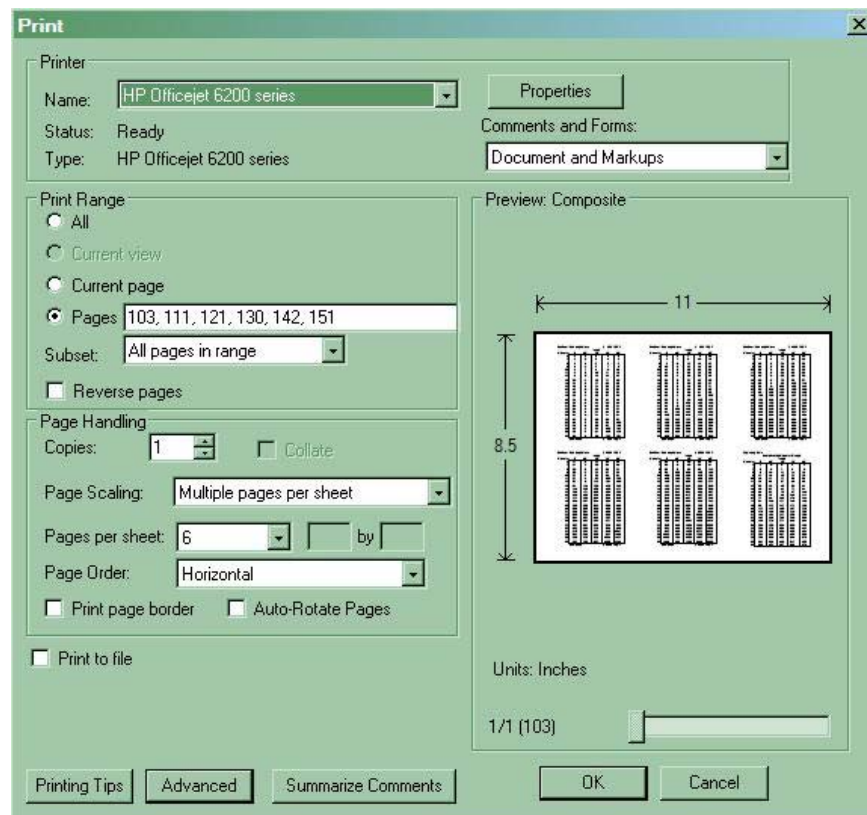
How to Guide for Log Value Tables

The pages that follow contain log value tables for International ¼”, Scribner and Doyle log rules (in both even and odd & even log lengths). Tables have been created for a wide range of prices per MBF. In each case, the MBF volume for every diameter and length combination in the volume table was multiplied by a specific price. The purpose of these tables is to allow comparisons of log values that might arise from various bucking and market possibilities. This allows the user to answer such questions as “Is \$500/MBF Doyle rule better for 14” logs than \$375/MBF International rule?” or “Is a 10’ 14” log priced at \$600 per MBF better than an 8’ 15” log priced at \$800 per MBF?”

To be useful as a field reference, it may be convenient to print a single page containing value tables for six to nine different prices. Fortunately, Adobe Acrobat reader allows you to do this.

Select “Print” from the File menu to call up the print window. In the *Print Range* section of this window, specify the page numbers of the tables you wish to print. In the *Page Handling* section, specify “Multiple pages per sheet” in the *page scaling* option and then select the number of pages from the *pages per sheet* option. The *Preview* section will show you a sample of the sheet before you click OK to send it to the printer.

The following image shows an example of a print window set up to print multiple tables on a single page:



International 1/4" Rule

LOG VALUE

REFERENCE TABLES

International 1/4" Log Rule

board feet by diameter & length

diameter	length				
	8'	10'	12'	14'	16'
6	10	10	15	15	20
7	10	15	20	25	30
8	15	20	25	35	40
9	20	30	35	45	50
10	30	35	45	55	65
11	35	45	55	70	80
12	45	55	70	85	95
13	55	70	85	100	115
14	65	80	100	115	135
15	75	95	115	135	160
16	85	110	130	155	180
17	95	125	150	180	205
18	110	140	170	200	230
19	125	155	190	225	260
20	135	175	210	250	290
21	155	195	235	280	320
22	170	215	260	305	355
23	185	235	285	335	390
24	205	255	310	370	425
25	220	280	340	400	460
26	240	305	370	435	500
27	260	330	400	470	540
28	280	355	430	510	585
29	305	385	465	545	630
30	325	410	495	585	675

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 100 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	1	1	2	2	2
7	1	2	2	3	3
8	2	2	3	4	4
9	2	3	4	5	5
10	3	4	5	6	7
11	4	5	6	7	8
12	5	6	7	9	10
13	6	7	9	10	12
14	7	8	10	12	14
15	8	10	12	14	16
16	9	11	13	16	18
17	10	13	15	18	21
18	11	14	17	20	23
19	13	16	19	23	26
20	14	18	21	25	29
21	16	20	24	28	32
22	17	22	26	31	36
23	19	24	29	34	39
24	21	26	31	37	43
25	22	28	34	40	46
26	24	31	37	44	50
27	26	33	40	47	54
28	28	36	43	51	59
29	31	39	47	55	63
30	33	41	50	59	68

INTERNATIONAL

\$ 100 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 125 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	1	1	2	2	3
7	1	2	3	3	4
8	2	3	3	4	5
9	3	4	4	6	6
10	4	4	6	7	8
11	4	6	7	9	10
12	6	7	9	11	12
13	7	9	11	13	14
14	8	10	13	14	17
15	9	12	14	17	20
16	11	14	16	19	23
17	12	16	19	23	26
18	14	18	21	25	29
19	16	19	24	28	33
20	17	22	26	31	36
21	19	24	29	35	40
22	21	27	33	38	44
23	23	29	36	42	49
24	26	32	39	46	53
25	28	35	43	50	58
26	30	38	46	54	63
27	33	41	50	59	68
28	35	44	54	64	73
29	38	48	58	68	79
30	41	51	62	73	84

INTERNATIONAL

\$ 125 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 150 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	2	2	2	2	3
7	2	2	3	4	5
8	2	3	4	5	6
9	3	5	5	7	8
10	5	5	7	8	10
11	5	7	8	11	12
12	7	8	11	13	14
13	8	11	13	15	17
14	10	12	15	17	20
15	11	14	17	20	24
16	13	17	20	23	27
17	14	19	23	27	31
18	17	21	26	30	35
19	19	23	29	34	39
20	20	26	32	38	44
21	23	29	35	42	48
22	26	32	39	46	53
23	28	35	43	50	59
24	31	38	47	56	64
25	33	42	51	60	69
26	36	46	56	65	75
27	39	50	60	71	81
28	42	53	65	77	88
29	46	58	70	82	95
30	49	62	74	88	101

INTERNATIONAL

\$ 150 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 175 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	2	2	3	3	4
7	2	3	4	4	5
8	3	4	4	6	7
9	4	5	6	8	9
10	5	6	8	10	11
11	6	8	10	12	14
12	8	10	12	15	17
13	10	12	15	18	20
14	11	14	18	20	24
15	13	17	20	24	28
16	15	19	23	27	32
17	17	22	26	32	36
18	19	25	30	35	40
19	22	27	33	39	46
20	24	31	37	44	51
21	27	34	41	49	56
22	30	38	46	53	62
23	32	41	50	59	68
24	36	45	54	65	74
25	39	49	60	70	81
26	42	53	65	76	88
27	46	58	70	82	95
28	49	62	75	89	102
29	53	67	81	95	110
30	57	72	87	102	118

INTERNATIONAL

\$ 175 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 200 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	2	2	3	3	4
7	2	3	4	5	6
8	3	4	5	7	8
9	4	6	7	9	10
10	6	7	9	11	13
11	7	9	11	14	16
12	9	11	14	17	19
13	11	14	17	20	23
14	13	16	20	23	27
15	15	19	23	27	32
16	17	22	26	31	36
17	19	25	30	36	41
18	22	28	34	40	46
19	25	31	38	45	52
20	27	35	42	50	58
21	31	39	47	56	64
22	34	43	52	61	71
23	37	47	57	67	78
24	41	51	62	74	85
25	44	56	68	80	92
26	48	61	74	87	100
27	52	66	80	94	108
28	56	71	86	102	117
29	61	77	93	109	126
30	65	82	99	117	135

INTERNATIONAL

\$ 200 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 225 / MBF

	length				
diameter	8'	10'	12'	14'	16'
6	2	2	3	3	5
7	2	3	5	6	7
8	3	5	6	8	9
9	5	7	8	10	11
10	7	8	10	12	15
11	8	10	12	16	18
12	10	12	16	19	21
13	12	16	19	23	26
14	15	18	23	26	30
15	17	21	26	30	36
16	19	25	29	35	41
17	21	28	34	41	46
18	25	32	38	45	52
19	28	35	43	51	59
20	30	39	47	56	65
21	35	44	53	63	72
22	38	48	59	69	80
23	42	53	64	75	88
24	46	57	70	83	96
25	50	63	77	90	104
26	54	69	83	98	113
27	59	74	90	106	122
28	63	80	97	115	132
29	69	87	105	123	142
30	73	92	111	132	152

INTERNATIONAL

\$ 225 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 250 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	3	3	4	4	5
7	3	4	5	6	8
8	4	5	6	9	10
9	5	8	9	11	13
10	8	9	11	14	16
11	9	11	14	18	20
12	11	14	18	21	24
13	14	18	21	25	29
14	16	20	25	29	34
15	19	24	29	34	40
16	21	28	33	39	45
17	24	31	38	45	51
18	28	35	43	50	58
19	31	39	48	56	65
20	34	44	53	63	73
21	39	49	59	70	80
22	43	54	65	76	89
23	46	59	71	84	98
24	51	64	78	93	106
25	55	70	85	100	115
26	60	76	93	109	125
27	65	83	100	118	135
28	70	89	108	128	146
29	76	96	116	136	158
30	81	103	124	146	169

INTERNATIONAL

\$ 250 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 275 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	3	3	4	4	6
7	3	4	6	7	8
8	4	6	7	10	11
9	6	8	10	12	14
10	8	10	12	15	18
11	10	12	15	19	22
12	12	15	19	23	26
13	15	19	23	28	32
14	18	22	28	32	37
15	21	26	32	37	44
16	23	30	36	43	50
17	26	34	41	50	56
18	30	39	47	55	63
19	34	43	52	62	72
20	37	48	58	69	80
21	43	54	65	77	88
22	47	59	72	84	98
23	51	65	78	92	107
24	56	70	85	102	117
25	61	77	94	110	127
26	66	84	102	120	138
27	72	91	110	129	149
28	77	98	118	140	161
29	84	106	128	150	173
30	89	113	136	161	186

INTERNATIONAL

\$ 275 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 300 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	3	3	5	5	6
7	3	5	6	8	9
8	5	6	8	11	12
9	6	9	11	14	15
10	9	11	14	17	20
11	11	14	17	21	24
12	14	17	21	26	29
13	17	21	26	30	35
14	20	24	30	35	41
15	23	29	35	41	48
16	26	33	39	47	54
17	29	38	45	54	62
18	33	42	51	60	69
19	38	47	57	68	78
20	41	53	63	75	87
21	47	59	71	84	96
22	51	65	78	92	107
23	56	71	86	101	117
24	62	77	93	111	128
25	66	84	102	120	138
26	72	92	111	131	150
27	78	99	120	141	162
28	84	107	129	153	176
29	92	116	140	164	189
30	98	123	149	176	203

INTERNATIONAL

\$ 300 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 350 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	4	4	5	5	7
7	4	5	7	9	11
8	5	7	9	12	14
9	7	11	12	16	18
10	11	12	16	19	23
11	12	16	19	25	28
12	16	19	25	30	33
13	19	25	30	35	40
14	23	28	35	40	47
15	26	33	40	47	56
16	30	39	46	54	63
17	33	44	53	63	72
18	39	49	60	70	81
19	44	54	67	79	91
20	47	61	74	88	102
21	54	68	82	98	112
22	60	75	91	107	124
23	65	82	100	117	137
24	72	89	109	130	149
25	77	98	119	140	161
26	84	107	130	152	175
27	91	116	140	165	189
28	98	124	151	179	205
29	107	135	163	191	221
30	114	144	173	205	236

INTERNATIONAL

\$ 350 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 400 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	4	4	6	6	8
7	4	6	8	10	12
8	6	8	10	14	16
9	8	12	14	18	20
10	12	14	18	22	26
11	14	18	22	28	32
12	18	22	28	34	38
13	22	28	34	40	46
14	26	32	40	46	54
15	30	38	46	54	64
16	34	44	52	62	72
17	38	50	60	72	82
18	44	56	68	80	92
19	50	62	76	90	104
20	54	70	84	100	116
21	62	78	94	112	128
22	68	86	104	122	142
23	74	94	114	134	156
24	82	102	124	148	170
25	88	112	136	160	184
26	96	122	148	174	200
27	104	132	160	188	216
28	112	142	172	204	234
29	122	154	186	218	252
30	130	164	198	234	270

INTERNATIONAL

\$ 400 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 450 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	5	5	7	7	9
7	5	7	9	11	14
8	7	9	11	16	18
9	9	14	16	20	23
10	14	16	20	25	29
11	16	20	25	32	36
12	20	25	32	38	43
13	25	32	38	45	52
14	29	36	45	52	61
15	34	43	52	61	72
16	38	50	59	70	81
17	43	56	68	81	92
18	50	63	77	90	104
19	56	70	86	101	117
20	61	79	95	113	131
21	70	88	106	126	144
22	77	97	117	137	160
23	83	106	128	151	176
24	92	115	140	167	191
25	99	126	153	180	207
26	108	137	167	196	225
27	117	149	180	212	243
28	126	160	194	230	263
29	137	173	209	245	284
30	146	185	223	263	304

INTERNATIONAL

\$ 450 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 500 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	5	5	8	8	10
7	5	8	10	13	15
8	8	10	13	18	20
9	10	15	18	23	25
10	15	18	23	28	33
11	18	23	28	35	40
12	23	28	35	43	48
13	28	35	43	50	58
14	33	40	50	58	68
15	38	48	58	68	80
16	43	55	65	78	90
17	48	63	75	90	103
18	55	70	85	100	115
19	63	78	95	113	130
20	68	88	105	125	145
21	78	98	118	140	160
22	85	108	130	153	178
23	93	118	143	168	195
24	103	128	155	185	213
25	110	140	170	200	230
26	120	153	185	218	250
27	130	165	200	235	270
28	140	178	215	255	293
29	153	193	233	273	315
30	163	205	248	293	338

INTERNATIONAL

\$ 500 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 550 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	6	6	8	8	11
7	6	8	11	14	17
8	8	11	14	19	22
9	11	17	19	25	28
10	17	19	25	30	36
11	19	25	30	39	44
12	25	30	39	47	52
13	30	39	47	55	63
14	36	44	55	63	74
15	41	52	63	74	88
16	47	61	72	85	99
17	52	69	83	99	113
18	61	77	94	110	127
19	69	85	105	124	143
20	74	96	116	138	160
21	85	107	129	154	176
22	94	118	143	168	195
23	102	129	157	184	215
24	113	140	171	204	234
25	121	154	187	220	253
26	132	168	204	239	275
27	143	182	220	259	297
28	154	195	237	281	322
29	168	212	256	300	347
30	179	226	272	322	371

INTERNATIONAL

\$ 550 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 600 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	6	6	9	9	12
7	6	9	12	15	18
8	9	12	15	21	24
9	12	18	21	27	30
10	18	21	27	33	39
11	21	27	33	42	48
12	27	33	42	51	57
13	33	42	51	60	69
14	39	48	60	69	81
15	45	57	69	81	96
16	51	66	78	93	108
17	57	75	90	108	123
18	66	84	102	120	138
19	75	93	114	135	156
20	81	105	126	150	174
21	93	117	141	168	192
22	102	129	156	183	213
23	111	141	171	201	234
24	123	153	186	222	255
25	132	168	204	240	276
26	144	183	222	261	300
27	156	198	240	282	324
28	168	213	258	306	351
29	183	231	279	327	378
30	195	246	297	351	405

INTERNATIONAL

\$ 600 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 650 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	7	7	10	10	13
7	7	10	13	16	20
8	10	13	16	23	26
9	13	20	23	29	33
10	20	23	29	36	42
11	23	29	36	46	52
12	29	36	46	55	62
13	36	46	55	65	75
14	42	52	65	75	88
15	49	62	75	88	104
16	55	72	85	101	117
17	62	81	98	117	133
18	72	91	111	130	150
19	81	101	124	146	169
20	88	114	137	163	189
21	101	127	153	182	208
22	111	140	169	198	231
23	120	153	185	218	254
24	133	166	202	241	276
25	143	182	221	260	299
26	156	198	241	283	325
27	169	215	260	306	351
28	182	231	280	332	380
29	198	250	302	354	410
30	211	267	322	380	439

INTERNATIONAL

\$ 650 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 700 / MBF

	length				
diameter	8'	10'	12'	14'	16'
6	7	7	11	11	14
7	7	11	14	18	21
8	11	14	18	25	28
9	14	21	25	32	35
10	21	25	32	39	46
11	25	32	39	49	56
12	32	39	49	60	67
13	39	49	60	70	81
14	46	56	70	81	95
15	53	67	81	95	112
16	60	77	91	109	126
17	67	88	105	126	144
18	77	98	119	140	161
19	88	109	133	158	182
20	95	123	147	175	203
21	109	137	165	196	224
22	119	151	182	214	249
23	130	165	200	235	273
24	144	179	217	259	298
25	154	196	238	280	322
26	168	214	259	305	350
27	182	231	280	329	378
28	196	249	301	357	410
29	214	270	326	382	441
30	228	287	347	410	473

INTERNATIONAL

\$ 700 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 750 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	8	8	11	11	15
7	8	11	15	19	23
8	11	15	19	26	30
9	15	23	26	34	38
10	23	26	34	41	49
11	26	34	41	53	60
12	34	41	53	64	71
13	41	53	64	75	86
14	49	60	75	86	101
15	56	71	86	101	120
16	64	83	98	116	135
17	71	94	113	135	154
18	83	105	128	150	173
19	94	116	143	169	195
20	101	131	158	188	218
21	116	146	176	210	240
22	128	161	195	229	266
23	139	176	214	251	293
24	154	191	233	278	319
25	165	210	255	300	345
26	180	229	278	326	375
27	195	248	300	353	405
28	210	266	323	383	439
29	229	289	349	409	473
30	244	308	371	439	506

INTERNATIONAL

\$ 750 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 800 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	8	8	12	12	16
7	8	12	16	20	24
8	12	16	20	28	32
9	16	24	28	36	40
10	24	28	36	44	52
11	28	36	44	56	64
12	36	44	56	68	76
13	44	56	68	80	92
14	52	64	80	92	108
15	60	76	92	108	128
16	68	88	104	124	144
17	76	100	120	144	164
18	88	112	136	160	184
19	100	124	152	180	208
20	108	140	168	200	232
21	124	156	188	224	256
22	136	172	208	244	284
23	148	188	228	268	312
24	164	204	248	296	340
25	176	224	272	320	368
26	192	244	296	348	400
27	208	264	320	376	432
28	224	284	344	408	468
29	244	308	372	436	504
30	260	328	396	468	540

INTERNATIONAL

\$ 800 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 850 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	9	9	13	13	17
7	9	13	17	21	26
8	13	17	21	30	34
9	17	26	30	38	43
10	26	30	38	47	55
11	30	38	47	60	68
12	38	47	60	72	81
13	47	60	72	85	98
14	55	68	85	98	115
15	64	81	98	115	136
16	72	94	111	132	153
17	81	106	128	153	174
18	94	119	145	170	196
19	106	132	162	191	221
20	115	149	179	213	247
21	132	166	200	238	272
22	145	183	221	259	302
23	157	200	242	285	332
24	174	217	264	315	361
25	187	238	289	340	391
26	204	259	315	370	425
27	221	281	340	400	459
28	238	302	366	434	497
29	259	327	395	463	536
30	276	349	421	497	574

INTERNATIONAL

\$ 850 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 900 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	9	9	14	14	18
7	9	14	18	23	27
8	14	18	23	32	36
9	18	27	32	41	45
10	27	32	41	50	59
11	32	41	50	63	72
12	41	50	63	77	86
13	50	63	77	90	104
14	59	72	90	104	122
15	68	86	104	122	144
16	77	99	117	140	162
17	86	113	135	162	185
18	99	126	153	180	207
19	113	140	171	203	234
20	122	158	189	225	261
21	140	176	212	252	288
22	153	194	234	275	320
23	167	212	257	302	351
24	185	230	279	333	383
25	198	252	306	360	414
26	216	275	333	392	450
27	234	297	360	423	486
28	252	320	387	459	527
29	275	347	419	491	567
30	293	369	446	527	608

INTERNATIONAL

\$ 900 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 950 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	10	10	14	14	19
7	10	14	19	24	29
8	14	19	24	33	38
9	19	29	33	43	48
10	29	33	43	52	62
11	33	43	52	67	76
12	43	52	67	81	90
13	52	67	81	95	109
14	62	76	95	109	128
15	71	90	109	128	152
16	81	105	124	147	171
17	90	119	143	171	195
18	105	133	162	190	219
19	119	147	181	214	247
20	128	166	200	238	276
21	147	185	223	266	304
22	162	204	247	290	337
23	176	223	271	318	371
24	195	242	295	352	404
25	209	266	323	380	437
26	228	290	352	413	475
27	247	314	380	447	513
28	266	337	409	485	556
29	290	366	442	518	599
30	309	390	470	556	641

INTERNATIONAL

\$ 950 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 1,000 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	10	10	15	15	20
7	10	15	20	25	30
8	15	20	25	35	40
9	20	30	35	45	50
10	30	35	45	55	65
11	35	45	55	70	80
12	45	55	70	85	95
13	55	70	85	100	115
14	65	80	100	115	135
15	75	95	115	135	160
16	85	110	130	155	180
17	95	125	150	180	205
18	110	140	170	200	230
19	125	155	190	225	260
20	135	175	210	250	290
21	155	195	235	280	320
22	170	215	260	305	355
23	185	235	285	335	390
24	205	255	310	370	425
25	220	280	340	400	460
26	240	305	370	435	500
27	260	330	400	470	540
28	280	355	430	510	585
29	305	385	465	545	630
30	325	410	495	585	675

INTERNATIONAL

\$ 1,000 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values

\$ 1,100 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	11	11	17	17	22
7	11	17	22	28	33
8	17	22	28	39	44
9	22	33	39	50	55
10	33	39	50	61	72
11	39	50	61	77	88
12	50	61	77	94	105
13	61	77	94	110	127
14	72	88	110	127	149
15	83	105	127	149	176
16	94	121	143	171	198
17	105	138	165	198	226
18	121	154	187	220	253
19	138	171	209	248	286
20	149	193	231	275	319
21	171	215	259	308	352
22	187	237	286	336	391
23	204	259	314	369	429
24	226	281	341	407	468
25	242	308	374	440	506
26	264	336	407	479	550
27	286	363	440	517	594
28	308	391	473	561	644
29	336	424	512	600	693
30	358	451	545	644	743

INTERNATIONAL

\$ 1,100 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 1,200 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	12	12	18	18	24
7	12	18	24	30	36
8	18	24	30	42	48
9	24	36	42	54	60
10	36	42	54	66	78
11	42	54	66	84	96
12	54	66	84	102	114
13	66	84	102	120	138
14	78	96	120	138	162
15	90	114	138	162	192
16	102	132	156	186	216
17	114	150	180	216	246
18	132	168	204	240	276
19	150	186	228	270	312
20	162	210	252	300	348
21	186	234	282	336	384
22	204	258	312	366	426
23	222	282	342	402	468
24	246	306	372	444	510
25	264	336	408	480	552
26	288	366	444	522	600
27	312	396	480	564	648
28	336	426	516	612	702
29	366	462	558	654	756
30	390	492	594	702	810

INTERNATIONAL

\$ 1,200 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 1,300 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	13	13	20	20	26
7	13	20	26	33	39
8	20	26	33	46	52
9	26	39	46	59	65
10	39	46	59	72	85
11	46	59	72	91	104
12	59	72	91	111	124
13	72	91	111	130	150
14	85	104	130	150	176
15	98	124	150	176	208
16	111	143	169	202	234
17	124	163	195	234	267
18	143	182	221	260	299
19	163	202	247	293	338
20	176	228	273	325	377
21	202	254	306	364	416
22	221	280	338	397	462
23	241	306	371	436	507
24	267	332	403	481	553
25	286	364	442	520	598
26	312	397	481	566	650
27	338	429	520	611	702
28	364	462	559	663	761
29	397	501	605	709	819
30	423	533	644	761	878

INTERNATIONAL

\$ 1,300 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 1,400 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	14	14	21	21	28
7	14	21	28	35	42
8	21	28	35	49	56
9	28	42	49	63	70
10	42	49	63	77	91
11	49	63	77	98	112
12	63	77	98	119	133
13	77	98	119	140	161
14	91	112	140	161	189
15	105	133	161	189	224
16	119	154	182	217	252
17	133	175	210	252	287
18	154	196	238	280	322
19	175	217	266	315	364
20	189	245	294	350	406
21	217	273	329	392	448
22	238	301	364	427	497
23	259	329	399	469	546
24	287	357	434	518	595
25	308	392	476	560	644
26	336	427	518	609	700
27	364	462	560	658	756
28	392	497	602	714	819
29	427	539	651	763	882
30	455	574	693	819	945

INTERNATIONAL

\$ 1,400 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 1,500 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	15	15	23	23	30
7	15	23	30	38	45
8	23	30	38	53	60
9	30	45	53	68	75
10	45	53	68	83	98
11	53	68	83	105	120
12	68	83	105	128	143
13	83	105	128	150	173
14	98	120	150	173	203
15	113	143	173	203	240
16	128	165	195	233	270
17	143	188	225	270	308
18	165	210	255	300	345
19	188	233	285	338	390
20	203	263	315	375	435
21	233	293	353	420	480
22	255	323	390	458	533
23	278	353	428	503	585
24	308	383	465	555	638
25	330	420	510	600	690
26	360	458	555	653	750
27	390	495	600	705	810
28	420	533	645	765	878
29	458	578	698	818	945
30	488	615	743	878	1013

INTERNATIONAL

\$ 1,500 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 1,600 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	16	16	24	24	32
7	16	24	32	40	48
8	24	32	40	56	64
9	32	48	56	72	80
10	48	56	72	88	104
11	56	72	88	112	128
12	72	88	112	136	152
13	88	112	136	160	184
14	104	128	160	184	216
15	120	152	184	216	256
16	136	176	208	248	288
17	152	200	240	288	328
18	176	224	272	320	368
19	200	248	304	360	416
20	216	280	336	400	464
21	248	312	376	448	512
22	272	344	416	488	568
23	296	376	456	536	624
24	328	408	496	592	680
25	352	448	544	640	736
26	384	488	592	696	800
27	416	528	640	752	864
28	448	568	688	816	936
29	488	616	744	872	1008
30	520	656	792	936	1080

INTERNATIONAL

\$ 1,600 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 1,700 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	17	17	26	26	34
7	17	26	34	43	51
8	26	34	43	60	68
9	34	51	60	77	85
10	51	60	77	94	111
11	60	77	94	119	136
12	77	94	119	145	162
13	94	119	145	170	196
14	111	136	170	196	230
15	128	162	196	230	272
16	145	187	221	264	306
17	162	213	255	306	349
18	187	238	289	340	391
19	213	264	323	383	442
20	230	298	357	425	493
21	264	332	400	476	544
22	289	366	442	519	604
23	315	400	485	570	663
24	349	434	527	629	723
25	374	476	578	680	782
26	408	519	629	740	850
27	442	561	680	799	918
28	476	604	731	867	995
29	519	655	791	927	1071
30	553	697	842	995	1148

INTERNATIONAL

\$ 1,700 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 1,800 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	18	18	27	27	36
7	18	27	36	45	54
8	27	36	45	63	72
9	36	54	63	81	90
10	54	63	81	99	117
11	63	81	99	126	144
12	81	99	126	153	171
13	99	126	153	180	207
14	117	144	180	207	243
15	135	171	207	243	288
16	153	198	234	279	324
17	171	225	270	324	369
18	198	252	306	360	414
19	225	279	342	405	468
20	243	315	378	450	522
21	279	351	423	504	576
22	306	387	468	549	639
23	333	423	513	603	702
24	369	459	558	666	765
25	396	504	612	720	828
26	432	549	666	783	900
27	468	594	720	846	972
28	504	639	774	918	1053
29	549	693	837	981	1134
30	585	738	891	1053	1215

INTERNATIONAL

\$ 1,800 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 1,900 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	19	19	29	29	38
7	19	29	38	48	57
8	29	38	48	67	76
9	38	57	67	86	95
10	57	67	86	105	124
11	67	86	105	133	152
12	86	105	133	162	181
13	105	133	162	190	219
14	124	152	190	219	257
15	143	181	219	257	304
16	162	209	247	295	342
17	181	238	285	342	390
18	209	266	323	380	437
19	238	295	361	428	494
20	257	333	399	475	551
21	295	371	447	532	608
22	323	409	494	580	675
23	352	447	542	637	741
24	390	485	589	703	808
25	418	532	646	760	874
26	456	580	703	827	950
27	494	627	760	893	1026
28	532	675	817	969	1112
29	580	732	884	1036	1197
30	618	779	941	1112	1283

INTERNATIONAL

\$ 1,900 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 2,000 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	20	20	30	30	40
7	20	30	40	50	60
8	30	40	50	70	80
9	40	60	70	90	100
10	60	70	90	110	130
11	70	90	110	140	160
12	90	110	140	170	190
13	110	140	170	200	230
14	130	160	200	230	270
15	150	190	230	270	320
16	170	220	260	310	360
17	190	250	300	360	410
18	220	280	340	400	460
19	250	310	380	450	520
20	270	350	420	500	580
21	310	390	470	560	640
22	340	430	520	610	710
23	370	470	570	670	780
24	410	510	620	740	850
25	440	560	680	800	920
26	480	610	740	870	1000
27	520	660	800	940	1080
28	560	710	860	1020	1170
29	610	770	930	1090	1260
30	650	820	990	1170	1350

INTERNATIONAL

\$ 2,000 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 2,100 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	21	21	32	32	42
7	21	32	42	53	63
8	32	42	53	74	84
9	42	63	74	95	105
10	63	74	95	116	137
11	74	95	116	147	168
12	95	116	147	179	200
13	116	147	179	210	242
14	137	168	210	242	284
15	158	200	242	284	336
16	179	231	273	326	378
17	200	263	315	378	431
18	231	294	357	420	483
19	263	326	399	473	546
20	284	368	441	525	609
21	326	410	494	588	672
22	357	452	546	641	746
23	389	494	599	704	819
24	431	536	651	777	893
25	462	588	714	840	966
26	504	641	777	914	1050
27	546	693	840	987	1134
28	588	746	903	1071	1229
29	641	809	977	1145	1323
30	683	861	1040	1229	1418

INTERNATIONAL

\$ 2,100 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 2,200 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	22	22	33	33	44
7	22	33	44	55	66
8	33	44	55	77	88
9	44	66	77	99	110
10	66	77	99	121	143
11	77	99	121	154	176
12	99	121	154	187	209
13	121	154	187	220	253
14	143	176	220	253	297
15	165	209	253	297	352
16	187	242	286	341	396
17	209	275	330	396	451
18	242	308	374	440	506
19	275	341	418	495	572
20	297	385	462	550	638
21	341	429	517	616	704
22	374	473	572	671	781
23	407	517	627	737	858
24	451	561	682	814	935
25	484	616	748	880	1012
26	528	671	814	957	1100
27	572	726	880	1034	1188
28	616	781	946	1122	1287
29	671	847	1023	1199	1386
30	715	902	1089	1287	1485

INTERNATIONAL

\$ 2,200 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 2,300 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	23	23	35	35	46
7	23	35	46	58	69
8	35	46	58	81	92
9	46	69	81	104	115
10	69	81	104	127	150
11	81	104	127	161	184
12	104	127	161	196	219
13	127	161	196	230	265
14	150	184	230	265	311
15	173	219	265	311	368
16	196	253	299	357	414
17	219	288	345	414	472
18	253	322	391	460	529
19	288	357	437	518	598
20	311	403	483	575	667
21	357	449	541	644	736
22	391	495	598	702	817
23	426	541	656	771	897
24	472	587	713	851	978
25	506	644	782	920	1058
26	552	702	851	1001	1150
27	598	759	920	1081	1242
28	644	817	989	1173	1346
29	702	886	1070	1254	1449
30	748	943	1139	1346	1553

INTERNATIONAL

\$ 2,300 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 2,400 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	24	24	36	36	48
7	24	36	48	60	72
8	36	48	60	84	96
9	48	72	84	108	120
10	72	84	108	132	156
11	84	108	132	168	192
12	108	132	168	204	228
13	132	168	204	240	276
14	156	192	240	276	324
15	180	228	276	324	384
16	204	264	312	372	432
17	228	300	360	432	492
18	264	336	408	480	552
19	300	372	456	540	624
20	324	420	504	600	696
21	372	468	564	672	768
22	408	516	624	732	852
23	444	564	684	804	936
24	492	612	744	888	1020
25	528	672	816	960	1104
26	576	732	888	1044	1200
27	624	792	960	1128	1296
28	672	852	1032	1224	1404
29	732	924	1116	1308	1512
30	780	984	1188	1404	1620

INTERNATIONAL

\$ 2,400 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values

\$ 2,500 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	25	25	38	38	50
7	25	38	50	63	75
8	38	50	63	88	100
9	50	75	88	113	125
10	75	88	113	138	163
11	88	113	138	175	200
12	113	138	175	213	238
13	138	175	213	250	288
14	163	200	250	288	338
15	188	238	288	338	400
16	213	275	325	388	450
17	238	313	375	450	513
18	275	350	425	500	575
19	313	388	475	563	650
20	338	438	525	625	725
21	388	488	588	700	800
22	425	538	650	763	888
23	463	588	713	838	975
24	513	638	775	925	1063
25	550	700	850	1000	1150
26	600	763	925	1088	1250
27	650	825	1000	1175	1350
28	700	888	1075	1275	1463
29	763	963	1163	1363	1575
30	813	1025	1238	1463	1688

INTERNATIONAL

\$ 2,500 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 2,600 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	26	26	39	39	52
7	26	39	52	65	78
8	39	52	65	91	104
9	52	78	91	117	130
10	78	91	117	143	169
11	91	117	143	182	208
12	117	143	182	221	247
13	143	182	221	260	299
14	169	208	260	299	351
15	195	247	299	351	416
16	221	286	338	403	468
17	247	325	390	468	533
18	286	364	442	520	598
19	325	403	494	585	676
20	351	455	546	650	754
21	403	507	611	728	832
22	442	559	676	793	923
23	481	611	741	871	1014
24	533	663	806	962	1105
25	572	728	884	1040	1196
26	624	793	962	1131	1300
27	676	858	1040	1222	1404
28	728	923	1118	1326	1521
29	793	1001	1209	1417	1638
30	845	1066	1287	1521	1755

INTERNATIONAL

\$ 2,600 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values

\$ 2,700 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	27	27	41	41	54
7	27	41	54	68	81
8	41	54	68	95	108
9	54	81	95	122	135
10	81	95	122	149	176
11	95	122	149	189	216
12	122	149	189	230	257
13	149	189	230	270	311
14	176	216	270	311	365
15	203	257	311	365	432
16	230	297	351	419	486
17	257	338	405	486	554
18	297	378	459	540	621
19	338	419	513	608	702
20	365	473	567	675	783
21	419	527	635	756	864
22	459	581	702	824	959
23	500	635	770	905	1053
24	554	689	837	999	1148
25	594	756	918	1080	1242
26	648	824	999	1175	1350
27	702	891	1080	1269	1458
28	756	959	1161	1377	1580
29	824	1040	1256	1472	1701
30	878	1107	1337	1580	1823

INTERNATIONAL

\$ 2,700 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 2,800 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	28	28	42	42	56
7	28	42	56	70	84
8	42	56	70	98	112
9	56	84	98	126	140
10	84	98	126	154	182
11	98	126	154	196	224
12	126	154	196	238	266
13	154	196	238	280	322
14	182	224	280	322	378
15	210	266	322	378	448
16	238	308	364	434	504
17	266	350	420	504	574
18	308	392	476	560	644
19	350	434	532	630	728
20	378	490	588	700	812
21	434	546	658	784	896
22	476	602	728	854	994
23	518	658	798	938	1092
24	574	714	868	1036	1190
25	616	784	952	1120	1288
26	672	854	1036	1218	1400
27	728	924	1120	1316	1512
28	784	994	1204	1428	1638
29	854	1078	1302	1526	1764
30	910	1148	1386	1638	1890

INTERNATIONAL

\$ 2,800 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 2,900 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	29	29	44	44	58
7	29	44	58	73	87
8	44	58	73	102	116
9	58	87	102	131	145
10	87	102	131	160	189
11	102	131	160	203	232
12	131	160	203	247	276
13	160	203	247	290	334
14	189	232	290	334	392
15	218	276	334	392	464
16	247	319	377	450	522
17	276	363	435	522	595
18	319	406	493	580	667
19	363	450	551	653	754
20	392	508	609	725	841
21	450	566	682	812	928
22	493	624	754	885	1030
23	537	682	827	972	1131
24	595	740	899	1073	1233
25	638	812	986	1160	1334
26	696	885	1073	1262	1450
27	754	957	1160	1363	1566
28	812	1030	1247	1479	1697
29	885	1117	1349	1581	1827
30	943	1189	1436	1697	1958

INTERNATIONAL

\$ 2,900 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 3,000 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	30	30	45	45	60
7	30	45	60	75	90
8	45	60	75	105	120
9	60	90	105	135	150
10	90	105	135	165	195
11	105	135	165	210	240
12	135	165	210	255	285
13	165	210	255	300	345
14	195	240	300	345	405
15	225	285	345	405	480
16	255	330	390	465	540
17	285	375	450	540	615
18	330	420	510	600	690
19	375	465	570	675	780
20	405	525	630	750	870
21	465	585	705	840	960
22	510	645	780	915	1065
23	555	705	855	1005	1170
24	615	765	930	1110	1275
25	660	840	1020	1200	1380
26	720	915	1110	1305	1500
27	780	990	1200	1410	1620
28	840	1065	1290	1530	1755
29	915	1155	1395	1635	1890
30	975	1230	1485	1755	2025

INTERNATIONAL

\$ 3,000 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 3,500 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	35	35	53	53	70
7	35	53	70	88	105
8	53	70	88	123	140
9	70	105	123	158	175
10	105	123	158	193	228
11	123	158	193	245	280
12	158	193	245	298	333
13	193	245	298	350	403
14	228	280	350	403	473
15	263	333	403	473	560
16	298	385	455	543	630
17	333	438	525	630	718
18	385	490	595	700	805
19	438	543	665	788	910
20	473	613	735	875	1015
21	543	683	823	980	1120
22	595	753	910	1068	1243
23	648	823	998	1173	1365
24	718	893	1085	1295	1488
25	770	980	1190	1400	1610
26	840	1068	1295	1523	1750
27	910	1155	1400	1645	1890
28	980	1243	1505	1785	2048
29	1068	1348	1628	1908	2205
30	1138	1435	1733	2048	2363

INTERNATIONAL

\$ 3,500 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 4,000 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	40	40	60	60	80
7	40	60	80	100	120
8	60	80	100	140	160
9	80	120	140	180	200
10	120	140	180	220	260
11	140	180	220	280	320
12	180	220	280	340	380
13	220	280	340	400	460
14	260	320	400	460	540
15	300	380	460	540	640
16	340	440	520	620	720
17	380	500	600	720	820
18	440	560	680	800	920
19	500	620	760	900	1040
20	540	700	840	1000	1160
21	620	780	940	1120	1280
22	680	860	1040	1220	1420
23	740	940	1140	1340	1560
24	820	1020	1240	1480	1700
25	880	1120	1360	1600	1840
26	960	1220	1480	1740	2000
27	1040	1320	1600	1880	2160
28	1120	1420	1720	2040	2340
29	1220	1540	1860	2180	2520
30	1300	1640	1980	2340	2700

INTERNATIONAL

\$ 4,000 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 4,500 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	45	45	68	68	90
7	45	68	90	113	135
8	68	90	113	158	180
9	90	135	158	203	225
10	135	158	203	248	293
11	158	203	248	315	360
12	203	248	315	383	428
13	248	315	383	450	518
14	293	360	450	518	608
15	338	428	518	608	720
16	383	495	585	698	810
17	428	563	675	810	923
18	495	630	765	900	1035
19	563	698	855	1013	1170
20	608	788	945	1125	1305
21	698	878	1058	1260	1440
22	765	968	1170	1373	1598
23	833	1058	1283	1508	1755
24	923	1148	1395	1665	1913
25	990	1260	1530	1800	2070
26	1080	1373	1665	1958	2250
27	1170	1485	1800	2115	2430
28	1260	1598	1935	2295	2633
29	1373	1733	2093	2453	2835
30	1463	1845	2228	2633	3038

INTERNATIONAL

\$ 4,500 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 5,000 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	50	50	75	75	100
7	50	75	100	125	150
8	75	100	125	175	200
9	100	150	175	225	250
10	150	175	225	275	325
11	175	225	275	350	400
12	225	275	350	425	475
13	275	350	425	500	575
14	325	400	500	575	675
15	375	475	575	675	800
16	425	550	650	775	900
17	475	625	750	900	1025
18	550	700	850	1000	1150
19	625	775	950	1125	1300
20	675	875	1050	1250	1450
21	775	975	1175	1400	1600
22	850	1075	1300	1525	1775
23	925	1175	1425	1675	1950
24	1025	1275	1550	1850	2125
25	1100	1400	1700	2000	2300
26	1200	1525	1850	2175	2500
27	1300	1650	2000	2350	2700
28	1400	1775	2150	2550	2925
29	1525	1925	2325	2725	3150
30	1625	2050	2475	2925	3375

INTERNATIONAL

\$ 5,000 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values

\$ 6,500 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	65	65	98	98	130
7	65	98	130	163	195
8	98	130	163	228	260
9	130	195	228	293	325
10	195	228	293	358	423
11	228	293	358	455	520
12	293	358	455	553	618
13	358	455	553	650	748
14	423	520	650	748	878
15	488	618	748	878	1040
16	553	715	845	1008	1170
17	618	813	975	1170	1333
18	715	910	1105	1300	1495
19	813	1008	1235	1463	1690
20	878	1138	1365	1625	1885
21	1008	1268	1528	1820	2080
22	1105	1398	1690	1983	2308
23	1203	1528	1853	2178	2535
24	1333	1658	2015	2405	2763
25	1430	1820	2210	2600	2990
26	1560	1983	2405	2828	3250
27	1690	2145	2600	3055	3510
28	1820	2308	2795	3315	3803
29	1983	2503	3023	3543	4095
30	2113	2665	3218	3803	4388

INTERNATIONAL

\$ 6,500 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 7,000 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	70	70	105	105	140
7	70	105	140	175	210
8	105	140	175	245	280
9	140	210	245	315	350
10	210	245	315	385	455
11	245	315	385	490	560
12	315	385	490	595	665
13	385	490	595	700	805
14	455	560	700	805	945
15	525	665	805	945	1120
16	595	770	910	1085	1260
17	665	875	1050	1260	1435
18	770	980	1190	1400	1610
19	875	1085	1330	1575	1820
20	945	1225	1470	1750	2030
21	1085	1365	1645	1960	2240
22	1190	1505	1820	2135	2485
23	1295	1645	1995	2345	2730
24	1435	1785	2170	2590	2975
25	1540	1960	2380	2800	3220
26	1680	2135	2590	3045	3500
27	1820	2310	2800	3290	3780
28	1960	2485	3010	3570	4095
29	2135	2695	3255	3815	4410
30	2275	2870	3465	4095	4725

INTERNATIONAL

\$ 7,000 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 7,500 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	75	75	113	113	150
7	75	113	150	188	225
8	113	150	188	263	300
9	150	225	263	338	375
10	225	263	338	413	488
11	263	338	413	525	600
12	338	413	525	638	713
13	413	525	638	750	863
14	488	600	750	863	1013
15	563	713	863	1013	1200
16	638	825	975	1163	1350
17	713	938	1125	1350	1538
18	825	1050	1275	1500	1725
19	938	1163	1425	1688	1950
20	1013	1313	1575	1875	2175
21	1163	1463	1763	2100	2400
22	1275	1613	1950	2288	2663
23	1388	1763	2138	2513	2925
24	1538	1913	2325	2775	3188
25	1650	2100	2550	3000	3450
26	1800	2288	2775	3263	3750
27	1950	2475	3000	3525	4050
28	2100	2663	3225	3825	4388
29	2288	2888	3488	4088	4725
30	2438	3075	3713	4388	5063

INTERNATIONAL

\$ 7,500 / MBF

The Hardwood Log Desktop Reference Book

International Rule Log Values \$ 8,000 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	80	80	120	120	160
7	80	120	160	200	240
8	120	160	200	280	320
9	160	240	280	360	400
10	240	280	360	440	520
11	280	360	440	560	640
12	360	440	560	680	760
13	440	560	680	800	920
14	520	640	800	920	1080
15	600	760	920	1080	1280
16	680	880	1040	1240	1440
17	760	1000	1200	1440	1640
18	880	1120	1360	1600	1840
19	1000	1240	1520	1800	2080
20	1080	1400	1680	2000	2320
21	1240	1560	1880	2240	2560
22	1360	1720	2080	2440	2840
23	1480	1880	2280	2680	3120
24	1640	2040	2480	2960	3400
25	1760	2240	2720	3200	3680
26	1920	2440	2960	3480	4000
27	2080	2640	3200	3760	4320
28	2240	2840	3440	4080	4680
29	2440	3080	3720	4360	5040
30	2600	3280	3960	4680	5400

INTERNATIONAL

\$ 8,000 / MBF

Scribner Rule

LOG VALUE

REFERENCE TABLES

Scribner Log Rule

board feet by diameter & length

diameter	length				
	8'	10'	12'	14'	16'
6	6	8	9	11	12
7	10	13	16	18	21
8	15	19	23	27	31
9	21	26	31	37	42
10	28	34	41	48	55
11	35	43	52	61	70
12	43	54	64	75	86
13	52	65	78	91	104
14	62	77	92	107	123
15	72	90	108	126	144
16	83	104	125	145	166
17	95	119	143	167	190
18	108	135	162	189	216
19	122	152	182	213	243
20	136	170	204	238	272
21	151	189	227	265	302
22	167	209	251	293	334
23	184	230	276	322	368
24	202	252	302	353	403
25	220	275	330	385	440
26	239	299	359	418	478
27	259	324	388	453	518
28	280	350	420	489	559
29	301	376	452	527	602
30	324	404	485	566	647

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 100 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	1	1	1	1	1
7	1	1	2	2	2
8	2	2	2	3	3
9	2	3	3	4	4
10	3	3	4	5	6
11	4	4	5	6	7
12	4	5	6	8	9
13	5	7	8	9	10
14	6	8	9	11	12
15	7	9	11	13	14
16	8	10	13	15	17
17	10	12	14	17	19
18	11	14	16	19	22
19	12	15	18	21	24
20	14	17	20	24	27
21	15	19	23	27	30
22	17	21	25	29	33
23	18	23	28	32	37
24	20	25	30	35	40
25	22	28	33	39	44
26	24	30	36	42	48
27	26	32	39	45	52
28	28	35	42	49	56
29	30	38	45	53	60
30	32	40	49	57	65

SCRIBNER

\$ 100 / MBF

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 125 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	1	1	1	1	2
7	1	2	2	2	3
8	2	2	3	3	4
9	3	3	4	5	5
10	4	4	5	6	7
11	4	5	7	8	9
12	5	7	8	9	11
13	7	8	10	11	13
14	8	10	12	13	15
15	9	11	14	16	18
16	10	13	16	18	21
17	12	15	18	21	24
18	14	17	20	24	27
19	15	19	23	27	30
20	17	21	26	30	34
21	19	24	28	33	38
22	21	26	31	37	42
23	23	29	35	40	46
24	25	32	38	44	50
25	28	34	41	48	55
26	30	37	45	52	60
27	32	41	49	57	65
28	35	44	53	61	70
29	38	47	57	66	75
30	41	51	61	71	81
SCRIBNER					\$ 125 / MBF

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 150 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	1	1	1	2	2
7	2	2	2	3	3
8	2	3	3	4	5
9	3	4	5	6	6
10	4	5	6	7	8
11	5	6	8	9	11
12	6	8	10	11	13
13	8	10	12	14	16
14	9	12	14	16	18
15	11	14	16	19	22
16	12	16	19	22	25
17	14	18	21	25	29
18	16	20	24	28	32
19	18	23	27	32	36
20	20	26	31	36	41
21	23	28	34	40	45
22	25	31	38	44	50
23	28	35	41	48	55
24	30	38	45	53	60
25	33	41	50	58	66
26	36	45	54	63	72
27	39	49	58	68	78
28	42	53	63	73	84
29	45	56	68	79	90
30	49	61	73	85	97
SCRIBNER					\$ 150 / MBF

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 175 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	1	1	2	2	2
7	2	2	3	3	4
8	3	3	4	5	5
9	4	5	5	6	7
10	5	6	7	8	10
11	6	8	9	11	12
12	8	9	11	13	15
13	9	11	14	16	18
14	11	13	16	19	22
15	13	16	19	22	25
16	15	18	22	25	29
17	17	21	25	29	33
18	19	24	28	33	38
19	21	27	32	37	43
20	24	30	36	42	48
21	26	33	40	46	53
22	29	37	44	51	58
23	32	40	48	56	64
24	35	44	53	62	71
25	39	48	58	67	77
26	42	52	63	73	84
27	45	57	68	79	91
28	49	61	74	86	98
29	53	66	79	92	105
30	57	71	85	99	113
SCRIBNER					\$ 175 / MBF

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 200 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	1	2	2	2	2
7	2	3	3	4	4
8	3	4	5	5	6
9	4	5	6	7	8
10	6	7	8	10	11
11	7	9	10	12	14
12	9	11	13	15	17
13	10	13	16	18	21
14	12	15	18	21	25
15	14	18	22	25	29
16	17	21	25	29	33
17	19	24	29	33	38
18	22	27	32	38	43
19	24	30	36	43	49
20	27	34	41	48	54
21	30	38	45	53	60
22	33	42	50	59	67
23	37	46	55	64	74
24	40	50	60	71	81
25	44	55	66	77	88
26	48	60	72	84	96
27	52	65	78	91	104
28	56	70	84	98	112
29	60	75	90	105	120
30	65	81	97	113	129
SCRIBNER					\$ 200 / MBF

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 225 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	1	2	2	2	3
7	2	3	4	4	5
8	3	4	5	6	7
9	5	6	7	8	9
10	6	8	9	11	12
11	8	10	12	14	16
12	10	12	14	17	19
13	12	15	18	20	23
14	14	17	21	24	28
15	16	20	24	28	32
16	19	23	28	33	37
17	21	27	32	38	43
18	24	30	36	43	49
19	27	34	41	48	55
20	31	38	46	54	61
21	34	43	51	60	68
22	38	47	56	66	75
23	41	52	62	72	83
24	45	57	68	79	91
25	50	62	74	87	99
26	54	67	81	94	108
27	58	73	87	102	117
28	63	79	95	110	126
29	68	85	102	119	135
30	73	91	109	127	146
SCRIBNER			\$ 225 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 250 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	2	2	2	3	3
7	3	3	4	5	5
8	4	5	6	7	8
9	5	7	8	9	11
10	7	9	10	12	14
11	9	11	13	15	18
12	11	14	16	19	22
13	13	16	20	23	26
14	16	19	23	27	31
15	18	23	27	32	36
16	21	26	31	36	42
17	24	30	36	42	48
18	27	34	41	47	54
19	31	38	46	53	61
20	34	43	51	60	68
21	38	47	57	66	76
22	42	52	63	73	84
23	46	58	69	81	92
24	51	63	76	88	101
25	55	69	83	96	110
26	60	75	90	105	120
27	65	81	97	113	130
28	70	88	105	122	140
29	75	94	113	132	151
30	81	101	121	142	162
SCRIBNER		\$ 250 / MBF			

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 275 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	2	2	2	3	3
7	3	4	4	5	6
8	4	5	6	7	9
9	6	7	9	10	12
10	8	9	11	13	15
11	10	12	14	17	19
12	12	15	18	21	24
13	14	18	21	25	29
14	17	21	25	29	34
15	20	25	30	35	40
16	23	29	34	40	46
17	26	33	39	46	52
18	30	37	45	52	59
19	34	42	50	59	67
20	37	47	56	65	75
21	42	52	62	73	83
22	46	57	69	81	92
23	51	63	76	89	101
24	56	69	83	97	111
25	61	76	91	106	121
26	66	82	99	115	131
27	71	89	107	125	142
28	77	96	116	134	154
29	83	103	124	145	166
30	89	111	133	156	178
SCRIBNER					\$ 275 / MBF

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 300 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	2	2	3	3	4
7	3	4	5	5	6
8	5	6	7	8	9
9	6	8	9	11	13
10	8	10	12	14	17
11	11	13	16	18	21
12	13	16	19	23	26
13	16	20	23	27	31
14	19	23	28	32	37
15	22	27	32	38	43
16	25	31	38	44	50
17	29	36	43	50	57
18	32	41	49	57	65
19	37	46	55	64	73
20	41	51	61	71	82
21	45	57	68	80	91
22	50	63	75	88	100
23	55	69	83	97	110
24	61	76	91	106	121
25	66	83	99	116	132
26	72	90	108	125	143
27	78	97	116	136	155
28	84	105	126	147	168
29	90	113	136	158	181
30	97	121	146	170	194
SCRIBNER			\$ 300 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 350 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	2	3	3	4	4
7	4	5	6	6	7
8	5	7	8	9	11
9	7	9	11	13	15
10	10	12	14	17	19
11	12	15	18	21	25
12	15	19	22	26	30
13	18	23	27	32	36
14	22	27	32	37	43
15	25	32	38	44	50
16	29	36	44	51	58
17	33	42	50	58	67
18	38	47	57	66	76
19	43	53	64	75	85
20	48	60	71	83	95
21	53	66	79	93	106
22	58	73	88	103	117
23	64	81	97	113	129
24	71	88	106	124	141
25	77	96	116	135	154
26	84	105	126	146	167
27	91	113	136	159	181
28	98	123	147	171	196
29	105	132	158	184	211
30	113	141	170	198	226
SCRIBNER			\$ 350 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 400 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	2	3	4	4	5
7	4	5	6	7	8
8	6	8	9	11	12
9	8	10	12	15	17
10	11	14	16	19	22
11	14	17	21	24	28
12	17	22	26	30	34
13	21	26	31	36	42
14	25	31	37	43	49
15	29	36	43	50	58
16	33	42	50	58	66
17	38	48	57	67	76
18	43	54	65	76	86
19	49	61	73	85	97
20	54	68	82	95	109
21	60	76	91	106	121
22	67	84	100	117	134
23	74	92	110	129	147
24	81	101	121	141	161
25	88	110	132	154	176
26	96	120	144	167	191
27	104	130	155	181	207
28	112	140	168	196	224
29	120	150	181	211	241
30	130	162	194	226	259
SCRIBNER			\$ 400 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 450 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	3	4	4	5	5
7	5	6	7	8	9
8	7	9	10	12	14
9	9	12	14	17	19
10	13	15	18	22	25
11	16	19	23	27	32
12	19	24	29	34	39
13	23	29	35	41	47
14	28	35	41	48	55
15	32	41	49	57	65
16	37	47	56	65	75
17	43	54	64	75	86
18	49	61	73	85	97
19	55	68	82	96	109
20	61	77	92	107	122
21	68	85	102	119	136
22	75	94	113	132	150
23	83	104	124	145	166
24	91	113	136	159	181
25	99	124	149	173	198
26	108	135	162	188	215
27	117	146	175	204	233
28	126	158	189	220	252
29	135	169	203	237	271
30	146	182	218	255	291
SCRIBNER			\$ 450 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 500 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	3	4	5	6	6
7	5	7	8	9	11
8	8	10	12	14	16
9	11	13	16	19	21
10	14	17	21	24	28
11	18	22	26	31	35
12	22	27	32	38	43
13	26	33	39	46	52
14	31	39	46	54	62
15	36	45	54	63	72
16	42	52	63	73	83
17	48	60	72	84	95
18	54	68	81	95	108
19	61	76	91	107	122
20	68	85	102	119	136
21	76	95	114	133	151
22	84	105	126	147	167
23	92	115	138	161	184
24	101	126	151	177	202
25	110	138	165	193	220
26	120	150	180	209	239
27	130	162	194	227	259
28	140	175	210	245	280
29	151	188	226	264	301
30	162	202	243	283	324

SCRIBNER

\$ 500 / MBF

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 550 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	3	4	5	6	7
7	6	7	9	10	12
8	8	10	13	15	17
9	12	14	17	20	23
10	15	19	23	26	30
11	19	24	29	34	39
12	24	30	35	41	47
13	29	36	43	50	57
14	34	42	51	59	68
15	40	50	59	69	79
16	46	57	69	80	91
17	52	65	79	92	105
18	59	74	89	104	119
19	67	84	100	117	134
20	75	94	112	131	150
21	83	104	125	146	166
22	92	115	138	161	184
23	101	127	152	177	202
24	111	139	166	194	222
25	121	151	182	212	242
26	131	164	197	230	263
27	142	178	213	249	285
28	154	193	231	269	307
29	166	207	249	290	331
30	178	222	267	311	356
SCRIBNER			\$ 550 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 600 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	4	5	5	7	7
7	6	8	10	11	13
8	9	11	14	16	19
9	13	16	19	22	25
10	17	20	25	29	33
11	21	26	31	37	42
12	26	32	38	45	52
13	31	39	47	55	62
14	37	46	55	64	74
15	43	54	65	76	86
16	50	62	75	87	100
17	57	71	86	100	114
18	65	81	97	113	130
19	73	91	109	128	146
20	82	102	122	143	163
21	91	113	136	159	181
22	100	125	151	176	200
23	110	138	166	193	221
24	121	151	181	212	242
25	132	165	198	231	264
26	143	179	215	251	287
27	155	194	233	272	311
28	168	210	252	293	335
29	181	226	271	316	361
30	194	242	291	340	388
SCRIBNER			\$ 600 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 650 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	4	5	6	7	8
7	7	8	10	12	14
8	10	12	15	18	20
9	14	17	20	24	27
10	18	22	27	31	36
11	23	28	34	40	46
12	28	35	42	49	56
13	34	42	51	59	68
14	40	50	60	70	80
15	47	59	70	82	94
16	54	68	81	94	108
17	62	77	93	109	124
18	70	88	105	123	140
19	79	99	118	138	158
20	88	111	133	155	177
21	98	123	148	172	196
22	109	136	163	190	217
23	120	150	179	209	239
24	131	164	196	229	262
25	143	179	215	250	286
26	155	194	233	272	311
27	168	211	252	294	337
28	182	228	273	318	363
29	196	244	294	343	391
30	211	263	315	368	421
SCRIBNER			\$ 650 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 700 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	4	6	6	8	8
7	7	9	11	13	15
8	11	13	16	19	22
9	15	18	22	26	29
10	20	24	29	34	39
11	25	30	36	43	49
12	30	38	45	53	60
13	36	46	55	64	73
14	43	54	64	75	86
15	50	63	76	88	101
16	58	73	88	102	116
17	67	83	100	117	133
18	76	95	113	132	151
19	85	106	127	149	170
20	95	119	143	167	190
21	106	132	159	186	211
22	117	146	176	205	234
23	129	161	193	225	258
24	141	176	211	247	282
25	154	193	231	270	308
26	167	209	251	293	335
27	181	227	272	317	363
28	196	245	294	342	391
29	211	263	316	369	421
30	227	283	340	396	453
SCRIBNER			\$ 700 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 750 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	5	6	7	8	9
7	8	10	12	14	16
8	11	14	17	20	23
9	16	20	23	28	32
10	21	26	31	36	41
11	26	32	39	46	53
12	32	41	48	56	65
13	39	49	59	68	78
14	47	58	69	80	92
15	54	68	81	95	108
16	62	78	94	109	125
17	71	89	107	125	143
18	81	101	122	142	162
19	92	114	137	160	182
20	102	128	153	179	204
21	113	142	170	199	227
22	125	157	188	220	251
23	138	173	207	242	276
24	152	189	227	265	302
25	165	206	248	289	330
26	179	224	269	314	359
27	194	243	291	340	389
28	210	263	315	367	419
29	226	282	339	395	452
30	243	303	364	425	485

SCRIBNER

\$ 750 / MBF

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 800 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	5	6	7	9	10
7	8	10	13	14	17
8	12	15	18	22	25
9	17	21	25	30	34
10	22	27	33	38	44
11	28	34	42	49	56
12	34	43	51	60	69
13	42	52	62	73	83
14	50	62	74	86	98
15	58	72	86	101	115
16	66	83	100	116	133
17	76	95	114	134	152
18	86	108	130	151	173
19	98	122	146	170	194
20	109	136	163	190	218
21	121	151	182	212	242
22	134	167	201	234	267
23	147	184	221	258	294
24	162	202	242	282	322
25	176	220	264	308	352
26	191	239	287	334	382
27	207	259	310	362	414
28	224	280	336	391	447
29	241	301	362	422	482
30	259	323	388	453	518
SCRIBNER			\$ 800 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 850 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	5	7	8	9	10
7	9	11	14	15	18
8	13	16	20	23	26
9	18	22	26	31	36
10	24	29	35	41	47
11	30	37	44	52	60
12	37	46	54	64	73
13	44	55	66	77	88
14	53	65	78	91	105
15	61	77	92	107	122
16	71	88	106	123	141
17	81	101	122	142	162
18	92	115	138	161	184
19	104	129	155	181	207
20	116	145	173	202	231
21	128	161	193	225	257
22	142	178	213	249	284
23	156	196	235	274	313
24	172	214	257	300	343
25	187	234	281	327	374
26	203	254	305	355	406
27	220	275	330	385	440
28	238	298	357	416	475
29	256	320	384	448	512
30	275	343	412	481	550
SCRIBNER			\$ 850 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 900 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	5	7	8	10	11
7	9	12	14	16	19
8	14	17	21	24	28
9	19	23	28	33	38
10	25	31	37	43	50
11	32	39	47	55	63
12	39	49	58	68	77
13	47	59	70	82	94
14	56	69	83	96	111
15	65	81	97	113	130
16	75	94	113	131	149
17	86	107	129	150	171
18	97	122	146	170	194
19	110	137	164	192	219
20	122	153	184	214	245
21	136	170	204	239	272
22	150	188	226	264	301
23	166	207	248	290	331
24	182	227	272	318	363
25	198	248	297	347	396
26	215	269	323	376	430
27	233	292	349	408	466
28	252	315	378	440	503
29	271	338	407	474	542
30	292	364	437	509	582
SCRIBNER			\$ 900 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 950 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	6	8	9	10	11
7	10	12	15	17	20
8	14	18	22	26	29
9	20	25	29	35	40
10	27	32	39	46	52
11	33	41	49	58	67
12	41	51	61	71	82
13	49	62	74	86	99
14	59	73	87	102	117
15	68	86	103	120	137
16	79	99	119	138	158
17	90	113	136	159	181
18	103	128	154	180	205
19	116	144	173	202	231
20	129	162	194	226	258
21	143	180	216	252	287
22	159	199	238	278	317
23	175	219	262	306	350
24	192	239	287	335	383
25	209	261	314	366	418
26	227	284	341	397	454
27	246	308	369	430	492
28	266	333	399	465	531
29	286	357	429	501	572
30	308	384	461	538	615
SCRIBNER			\$ 950 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 1,000 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	6	8	9	11	12
7	10	13	16	18	21
8	15	19	23	27	31
9	21	26	31	37	42
10	28	34	41	48	55
11	35	43	52	61	70
12	43	54	64	75	86
13	52	65	78	91	104
14	62	77	92	107	123
15	72	90	108	126	144
16	83	104	125	145	166
17	95	119	143	167	190
18	108	135	162	189	216
19	122	152	182	213	243
20	136	170	204	238	272
21	151	189	227	265	302
22	167	209	251	293	334
23	184	230	276	322	368
24	202	252	302	353	403
25	220	275	330	385	440
26	239	299	359	418	478
27	259	324	388	453	518
28	280	350	420	489	559
29	301	376	452	527	602
30	324	404	485	566	647
SCRIBNER			\$ 1,000 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 1,100 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	7	9	10	12	13
7	11	14	18	20	23
8	17	21	25	30	34
9	23	29	34	41	46
10	31	37	45	53	61
11	39	47	57	67	77
12	47	59	70	83	95
13	57	72	86	100	114
14	68	85	101	118	135
15	79	99	119	139	158
16	91	114	138	160	183
17	105	131	157	184	209
18	119	149	178	208	238
19	134	167	200	234	267
20	150	187	224	262	299
21	166	208	250	292	332
22	184	230	276	322	367
23	202	253	304	354	405
24	222	277	332	388	443
25	242	303	363	424	484
26	263	329	395	460	526
27	285	356	427	498	570
28	308	385	462	538	615
29	331	414	497	580	662
30	356	444	534	623	712
SCRIBNER			\$ 1,100 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 1,200 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	7	10	11	13	14
7	12	16	19	22	25
8	18	23	28	32	37
9	25	31	37	44	50
10	34	41	49	58	66
11	42	52	62	73	84
12	52	65	77	90	103
13	62	78	94	109	125
14	74	92	110	128	148
15	86	108	130	151	173
16	100	125	150	174	199
17	114	143	172	200	228
18	130	162	194	227	259
19	146	182	218	256	292
20	163	204	245	286	326
21	181	227	272	318	362
22	200	251	301	352	401
23	221	276	331	386	442
24	242	302	362	424	484
25	264	330	396	462	528
26	287	359	431	502	574
27	311	389	466	544	622
28	336	420	504	587	671
29	361	451	542	632	722
30	389	485	582	679	776
SCRIBNER			\$ 1,200 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 1,300 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	8	10	12	14	16
7	13	17	21	23	27
8	20	25	30	35	40
9	27	34	40	48	55
10	36	44	53	62	72
11	46	56	68	79	91
12	56	70	83	98	112
13	68	85	101	118	135
14	81	100	120	139	160
15	94	117	140	164	187
16	108	135	163	189	216
17	124	155	186	217	247
18	140	176	211	246	281
19	159	198	237	277	316
20	177	221	265	309	354
21	196	246	295	345	393
22	217	272	326	381	434
23	239	299	359	419	478
24	263	328	393	459	524
25	286	358	429	501	572
26	311	389	467	543	621
27	337	421	504	589	673
28	364	455	546	636	727
29	391	489	588	685	783
30	421	525	631	736	841
SCRIBNER			\$ 1,300 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 1,400 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	8	11	13	15	17
7	14	18	22	25	29
8	21	27	32	38	43
9	29	36	43	52	59
10	39	48	57	67	77
11	49	60	73	85	98
12	60	76	90	105	120
13	73	91	109	127	146
14	87	108	129	150	172
15	101	126	151	176	202
16	116	146	175	203	232
17	133	167	200	234	266
18	151	189	227	265	302
19	171	213	255	298	340
20	190	238	286	333	381
21	211	265	318	371	423
22	234	293	351	410	468
23	258	322	386	451	515
24	283	353	423	494	564
25	308	385	462	539	616
26	335	419	503	585	669
27	363	454	543	634	725
28	392	490	588	685	783
29	421	526	633	738	843
30	454	566	679	792	906
SCRIBNER			\$ 1,400 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 1,500 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	9	12	14	17	18
7	15	20	24	27	32
8	23	29	35	41	47
9	32	39	47	56	63
10	42	51	62	72	83
11	53	65	78	92	105
12	65	81	96	113	129
13	78	98	117	137	156
14	93	116	138	161	185
15	108	135	162	189	216
16	125	156	188	218	249
17	143	179	215	251	285
18	162	203	243	284	324
19	183	228	273	320	365
20	204	255	306	357	408
21	227	284	341	398	453
22	251	314	377	440	501
23	276	345	414	483	552
24	303	378	453	530	605
25	330	413	495	578	660
26	359	449	539	627	717
27	389	486	582	680	777
28	420	525	630	734	839
29	452	564	678	791	903
30	486	606	728	849	971
SCRIBNER			\$ 1,500 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 1,600 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	10	13	14	18	19
7	16	21	26	29	34
8	24	30	37	43	50
9	34	42	50	59	67
10	45	54	66	77	88
11	56	69	83	98	112
12	69	86	102	120	138
13	83	104	125	146	166
14	99	123	147	171	197
15	115	144	173	202	230
16	133	166	200	232	266
17	152	190	229	267	304
18	173	216	259	302	346
19	195	243	291	341	389
20	218	272	326	381	435
21	242	302	363	424	483
22	267	334	402	469	534
23	294	368	442	515	589
24	323	403	483	565	645
25	352	440	528	616	704
26	382	478	574	669	765
27	414	518	621	725	829
28	448	560	672	782	894
29	482	602	723	843	963
30	518	646	776	906	1035
SCRIBNER			\$ 1,600 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 1,700 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	10	14	15	19	20
7	17	22	27	31	36
8	26	32	39	46	53
9	36	44	53	63	71
10	48	58	70	82	94
11	60	73	88	104	119
12	73	92	109	128	146
13	88	111	133	155	177
14	105	131	156	182	209
15	122	153	184	214	245
16	141	177	213	247	282
17	162	202	243	284	323
18	184	230	275	321	367
19	207	258	309	362	413
20	231	289	347	405	462
21	257	321	386	451	513
22	284	355	427	498	568
23	313	391	469	547	626
24	343	428	513	600	685
25	374	468	561	655	748
26	406	508	610	711	813
27	440	551	660	770	881
28	476	595	714	831	950
29	512	639	768	896	1023
30	551	687	825	962	1100
SCRIBNER			\$ 1,700 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 1,800 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	11	14	16	20	22
7	18	23	29	32	38
8	27	34	41	49	56
9	38	47	56	67	76
10	50	61	74	86	99
11	63	77	94	110	126
12	77	97	115	135	155
13	94	117	140	164	187
14	112	139	166	193	221
15	130	162	194	227	259
16	149	187	225	261	299
17	171	214	257	301	342
18	194	243	292	340	389
19	220	274	328	383	437
20	245	306	367	428	490
21	272	340	409	477	544
22	301	376	452	527	601
23	331	414	497	580	662
24	364	454	544	635	725
25	396	495	594	693	792
26	430	538	646	752	860
27	466	583	698	815	932
28	504	630	756	880	1006
29	542	677	814	949	1084
30	583	727	873	1019	1165
SCRIBNER			\$ 1,800 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 1,900 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	11	15	17	21	23
7	19	25	30	34	40
8	29	36	44	51	59
9	40	49	59	70	80
10	53	65	78	91	105
11	67	82	99	116	133
12	82	103	122	143	163
13	99	124	148	173	198
14	118	146	175	203	234
15	137	171	205	239	274
16	158	198	238	276	315
17	181	226	272	317	361
18	205	257	308	359	410
19	232	289	346	405	462
20	258	323	388	452	517
21	287	359	431	504	574
22	317	397	477	557	635
23	350	437	524	612	699
24	384	479	574	671	766
25	418	523	627	732	836
26	454	568	682	794	908
27	492	616	737	861	984
28	532	665	798	929	1062
29	572	714	859	1001	1144
30	616	768	922	1075	1229
SCRIBNER			\$ 1,900 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 2,000 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	12	16	18	22	24
7	20	26	32	36	42
8	30	38	46	54	62
9	42	52	62	74	84
10	56	68	82	96	110
11	70	86	104	122	140
12	86	108	128	150	172
13	104	130	156	182	208
14	124	154	184	214	246
15	144	180	216	252	288
16	166	208	250	290	332
17	190	238	286	334	380
18	216	270	324	378	432
19	244	304	364	426	486
20	272	340	408	476	544
21	302	378	454	530	604
22	334	418	502	586	668
23	368	460	552	644	736
24	404	504	604	706	806
25	440	550	660	770	880
26	478	598	718	836	956
27	518	648	776	906	1036
28	560	700	840	978	1118
29	602	752	904	1054	1204
30	648	808	970	1132	1294
SCRIBNER			\$ 2,000 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 2,100 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	13	17	19	23	25
7	21	27	34	38	44
8	32	40	48	57	65
9	44	55	65	78	88
10	59	71	86	101	116
11	74	90	109	128	147
12	90	113	134	158	181
13	109	137	164	191	218
14	130	162	193	225	258
15	151	189	227	265	302
16	174	218	263	305	349
17	200	250	300	351	399
18	227	284	340	397	454
19	256	319	382	447	510
20	286	357	428	500	571
21	317	397	477	557	634
22	351	439	527	615	701
23	386	483	580	676	773
24	424	529	634	741	846
25	462	578	693	809	924
26	502	628	754	878	1004
27	544	680	815	951	1088
28	588	735	882	1027	1174
29	632	790	949	1107	1264
30	680	848	1019	1189	1359
SCRIBNER			\$ 2,100 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 2,200 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	13	18	20	24	26
7	22	29	35	40	46
8	33	42	51	59	68
9	46	57	68	81	92
10	62	75	90	106	121
11	77	95	114	134	154
12	95	119	141	165	189
13	114	143	172	200	229
14	136	169	202	235	271
15	158	198	238	277	317
16	183	229	275	319	365
17	209	262	315	367	418
18	238	297	356	416	475
19	268	334	400	469	535
20	299	374	449	524	598
21	332	416	499	583	664
22	367	460	552	645	735
23	405	506	607	708	810
24	444	554	664	777	887
25	484	605	726	847	968
26	526	658	790	920	1052
27	570	713	854	997	1140
28	616	770	924	1076	1230
29	662	827	994	1159	1324
30	713	889	1067	1245	1423
SCRIBNER			\$ 2,200 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 2,300 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	14	18	21	25	28
7	23	30	37	41	48
8	35	44	53	62	71
9	48	60	71	85	97
10	64	78	94	110	127
11	81	99	120	140	161
12	99	124	147	173	198
13	120	150	179	209	239
14	143	177	212	246	283
15	166	207	248	290	331
16	191	239	288	334	382
17	219	274	329	384	437
18	248	311	373	435	497
19	281	350	419	490	559
20	313	391	469	547	626
21	347	435	522	610	695
22	384	481	577	674	768
23	423	529	635	741	846
24	465	580	695	812	927
25	506	633	759	886	1012
26	550	688	826	961	1099
27	596	745	892	1042	1191
28	644	805	966	1125	1286
29	692	865	1040	1212	1385
30	745	929	1116	1302	1488

SCRIBNER

\$ 2,300 / MBF

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 2,400 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	14	19	22	26	29
7	24	31	38	43	50
8	36	46	55	65	74
9	50	62	74	89	101
10	67	82	98	115	132
11	84	103	125	146	168
12	103	130	154	180	206
13	125	156	187	218	250
14	149	185	221	257	295
15	173	216	259	302	346
16	199	250	300	348	398
17	228	286	343	401	456
18	259	324	389	454	518
19	293	365	437	511	583
20	326	408	490	571	653
21	362	454	545	636	725
22	401	502	602	703	802
23	442	552	662	773	883
24	485	605	725	847	967
25	528	660	792	924	1056
26	574	718	862	1003	1147
27	622	778	931	1087	1243
28	672	840	1008	1174	1342
29	722	902	1085	1265	1445
30	778	970	1164	1358	1553
SCRIBNER			\$ 2,400 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 2,500 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	15	20	23	28	30
7	25	33	40	45	53
8	38	48	58	68	78
9	53	65	78	93	105
10	70	85	103	120	138
11	88	108	130	153	175
12	108	135	160	188	215
13	130	163	195	228	260
14	155	193	230	268	308
15	180	225	270	315	360
16	208	260	313	363	415
17	238	298	358	418	475
18	270	338	405	473	540
19	305	380	455	533	608
20	340	425	510	595	680
21	378	473	568	663	755
22	418	523	628	733	835
23	460	575	690	805	920
24	505	630	755	883	1008
25	550	688	825	963	1100
26	598	748	898	1045	1195
27	648	810	970	1133	1295
28	700	875	1050	1223	1398
29	753	940	1130	1318	1505
30	810	1010	1213	1415	1618
SCRIBNER			\$ 2,500 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 2,600 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	16	21	23	29	31
7	26	34	42	47	55
8	39	49	60	70	81
9	55	68	81	96	109
10	73	88	107	125	143
11	91	112	135	159	182
12	112	140	166	195	224
13	135	169	203	237	270
14	161	200	239	278	320
15	187	234	281	328	374
16	216	270	325	377	432
17	247	309	372	434	494
18	281	351	421	491	562
19	317	395	473	554	632
20	354	442	530	619	707
21	393	491	590	689	785
22	434	543	653	762	868
23	478	598	718	837	957
24	525	655	785	918	1048
25	572	715	858	1001	1144
26	621	777	933	1087	1243
27	673	842	1009	1178	1347
28	728	910	1092	1271	1453
29	783	978	1175	1370	1565
30	842	1050	1261	1472	1682

SCRIBNER

\$ 2,600 / MBF

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 2,700 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	16	22	24	30	32
7	27	35	43	49	57
8	41	51	62	73	84
9	57	70	84	100	113
10	76	92	111	130	149
11	95	116	140	165	189
12	116	146	173	203	232
13	140	176	211	246	281
14	167	208	248	289	332
15	194	243	292	340	389
16	224	281	338	392	448
17	257	321	386	451	513
18	292	365	437	510	583
19	329	410	491	575	656
20	367	459	551	643	734
21	408	510	613	716	815
22	451	564	678	791	902
23	497	621	745	869	994
24	545	680	815	953	1088
25	594	743	891	1040	1188
26	645	807	969	1129	1291
27	699	875	1048	1223	1399
28	756	945	1134	1320	1509
29	813	1015	1220	1423	1625
30	875	1091	1310	1528	1747
SCRIBNER			\$ 2,700 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 2,800 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	17	22	25	31	34
7	28	36	45	50	59
8	42	53	64	76	87
9	59	73	87	104	118
10	78	95	115	134	154
11	98	120	146	171	196
12	120	151	179	210	241
13	146	182	218	255	291
14	174	216	258	300	344
15	202	252	302	353	403
16	232	291	350	406	465
17	266	333	400	468	532
18	302	378	454	529	605
19	342	426	510	596	680
20	381	476	571	666	762
21	423	529	636	742	846
22	468	585	703	820	935
23	515	644	773	902	1030
24	566	706	846	988	1128
25	616	770	924	1078	1232
26	669	837	1005	1170	1338
27	725	907	1086	1268	1450
28	784	980	1176	1369	1565
29	843	1053	1266	1476	1686
30	907	1131	1358	1585	1812
SCRIBNER			\$ 2,800 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 2,900 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	17	23	26	32	35
7	29	38	46	52	61
8	44	55	67	78	90
9	61	75	90	107	122
10	81	99	119	139	160
11	102	125	151	177	203
12	125	157	186	218	249
13	151	189	226	264	302
14	180	223	267	310	357
15	209	261	313	365	418
16	241	302	363	421	481
17	276	345	415	484	551
18	313	392	470	548	626
19	354	441	528	618	705
20	394	493	592	690	789
21	438	548	658	769	876
22	484	606	728	850	969
23	534	667	800	934	1067
24	586	731	876	1024	1169
25	638	798	957	1117	1276
26	693	867	1041	1212	1386
27	751	940	1125	1314	1502
28	812	1015	1218	1418	1621
29	873	1090	1311	1528	1746
30	940	1172	1407	1641	1876
SCRIBNER			\$ 2,900 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 3,000 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	18	24	27	33	36
7	30	39	48	54	63
8	45	57	69	81	93
9	63	78	93	111	126
10	84	102	123	144	165
11	105	129	156	183	210
12	129	162	192	225	258
13	156	195	234	273	312
14	186	231	276	321	369
15	216	270	324	378	432
16	249	312	375	435	498
17	285	357	429	501	570
18	324	405	486	567	648
19	366	456	546	639	729
20	408	510	612	714	816
21	453	567	681	795	906
22	501	627	753	879	1002
23	552	690	828	966	1104
24	606	756	906	1059	1209
25	660	825	990	1155	1320
26	717	897	1077	1254	1434
27	777	972	1164	1359	1554
28	840	1050	1260	1467	1677
29	903	1128	1356	1581	1806
30	972	1212	1455	1698	1941

SCRIBNER

\$ 3,000 / MBF

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 3,500 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	21	28	32	39	42
7	35	46	56	63	74
8	53	67	81	95	109
9	74	91	109	130	147
10	98	119	144	168	193
11	123	151	182	214	245
12	151	189	224	263	301
13	182	228	273	319	364
14	217	270	322	375	431
15	252	315	378	441	504
16	291	364	438	508	581
17	333	417	501	585	665
18	378	473	567	662	756
19	427	532	637	746	851
20	476	595	714	833	952
21	529	662	795	928	1057
22	585	732	879	1026	1169
23	644	805	966	1127	1288
24	707	882	1057	1236	1411
25	770	963	1155	1348	1540
26	837	1047	1257	1463	1673
27	907	1134	1358	1586	1813
28	980	1225	1470	1712	1957
29	1054	1316	1582	1845	2107
30	1134	1414	1698	1981	2265
SCRIBNER			\$ 3,500 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 4,000 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	24	32	36	44	48
7	40	52	64	72	84
8	60	76	92	108	124
9	84	104	124	148	168
10	112	136	164	192	220
11	140	172	208	244	280
12	172	216	256	300	344
13	208	260	312	364	416
14	248	308	368	428	492
15	288	360	432	504	576
16	332	416	500	580	664
17	380	476	572	668	760
18	432	540	648	756	864
19	488	608	728	852	972
20	544	680	816	952	1088
21	604	756	908	1060	1208
22	668	836	1004	1172	1336
23	736	920	1104	1288	1472
24	808	1008	1208	1412	1612
25	880	1100	1320	1540	1760
26	956	1196	1436	1672	1912
27	1036	1296	1552	1812	2072
28	1120	1400	1680	1956	2236
29	1204	1504	1808	2108	2408
30	1296	1616	1940	2264	2588
SCRIBNER			\$ 4,000 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 4,500 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	27	36	41	50	54
7	45	59	72	81	95
8	68	86	104	122	140
9	95	117	140	167	189
10	126	153	185	216	248
11	158	194	234	275	315
12	194	243	288	338	387
13	234	293	351	410	468
14	279	347	414	482	554
15	324	405	486	567	648
16	374	468	563	653	747
17	428	536	644	752	855
18	486	608	729	851	972
19	549	684	819	959	1094
20	612	765	918	1071	1224
21	680	851	1022	1193	1359
22	752	941	1130	1319	1503
23	828	1035	1242	1449	1656
24	909	1134	1359	1589	1814
25	990	1238	1485	1733	1980
26	1076	1346	1616	1881	2151
27	1166	1458	1746	2039	2331
28	1260	1575	1890	2201	2516
29	1355	1692	2034	2372	2709
30	1458	1818	2183	2547	2912
SCRIBNER			\$ 4,500 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 5,000 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	30	40	45	55	60
7	50	65	80	90	105
8	75	95	115	135	155
9	105	130	155	185	210
10	140	170	205	240	275
11	175	215	260	305	350
12	215	270	320	375	430
13	260	325	390	455	520
14	310	385	460	535	615
15	360	450	540	630	720
16	415	520	625	725	830
17	475	595	715	835	950
18	540	675	810	945	1080
19	610	760	910	1065	1215
20	680	850	1020	1190	1360
21	755	945	1135	1325	1510
22	835	1045	1255	1465	1670
23	920	1150	1380	1610	1840
24	1010	1260	1510	1765	2015
25	1100	1375	1650	1925	2200
26	1195	1495	1795	2090	2390
27	1295	1620	1940	2265	2590
28	1400	1750	2100	2445	2795
29	1505	1880	2260	2635	3010
30	1620	2020	2425	2830	3235
SCRIBNER			\$ 5,000 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 6,500 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	39	52	59	72	78
7	65	85	104	117	137
8	98	124	150	176	202
9	137	169	202	241	273
10	182	221	267	312	358
11	228	280	338	397	455
12	280	351	416	488	559
13	338	423	507	592	676
14	403	501	598	696	800
15	468	585	702	819	936
16	540	676	813	943	1079
17	618	774	930	1086	1235
18	702	878	1053	1229	1404
19	793	988	1183	1385	1580
20	884	1105	1326	1547	1768
21	982	1229	1476	1723	1963
22	1086	1359	1632	1905	2171
23	1196	1495	1794	2093	2392
24	1313	1638	1963	2295	2620
25	1430	1788	2145	2503	2860
26	1554	1944	2334	2717	3107
27	1684	2106	2522	2945	3367
28	1820	2275	2730	3179	3634
29	1957	2444	2938	3426	3913
30	2106	2626	3153	3679	4206

SCRIBNER

\$ 6,500 / MBF

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 7,000 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	42	56	63	77	84
7	70	91	112	126	147
8	105	133	161	189	217
9	147	182	217	259	294
10	196	238	287	336	385
11	245	301	364	427	490
12	301	378	448	525	602
13	364	455	546	637	728
14	434	539	644	749	861
15	504	630	756	882	1008
16	581	728	875	1015	1162
17	665	833	1001	1169	1330
18	756	945	1134	1323	1512
19	854	1064	1274	1491	1701
20	952	1190	1428	1666	1904
21	1057	1323	1589	1855	2114
22	1169	1463	1757	2051	2338
23	1288	1610	1932	2254	2576
24	1414	1764	2114	2471	2821
25	1540	1925	2310	2695	3080
26	1673	2093	2513	2926	3346
27	1813	2268	2716	3171	3626
28	1960	2450	2940	3423	3913
29	2107	2632	3164	3689	4214
30	2268	2828	3395	3962	4529
SCRIBNER			\$ 7,000 / MBF		

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 7,500 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	45	60	68	83	90
7	75	98	120	135	158
8	113	143	173	203	233
9	158	195	233	278	315
10	210	255	308	360	413
11	263	323	390	458	525
12	323	405	480	563	645
13	390	488	585	683	780
14	465	578	690	803	923
15	540	675	810	945	1080
16	623	780	938	1088	1245
17	713	893	1073	1253	1425
18	810	1013	1215	1418	1620
19	915	1140	1365	1598	1823
20	1020	1275	1530	1785	2040
21	1133	1418	1703	1988	2265
22	1253	1568	1883	2198	2505
23	1380	1725	2070	2415	2760
24	1515	1890	2265	2648	3023
25	1650	2063	2475	2888	3300
26	1793	2243	2693	3135	3585
27	1943	2430	2910	3398	3885
28	2100	2625	3150	3668	4193
29	2258	2820	3390	3953	4515
30	2430	3030	3638	4245	4853

SCRIBNER

\$ 7,500 / MBF

The Hardwood Log Desktop Reference Book

Scribner Rule Log Values

\$ 8,000 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	48	64	72	88	96
7	80	104	128	144	168
8	120	152	184	216	248
9	168	208	248	296	336
10	224	272	328	384	440
11	280	344	416	488	560
12	344	432	512	600	688
13	416	520	624	728	832
14	496	616	736	856	984
15	576	720	864	1008	1152
16	664	832	1000	1160	1328
17	760	952	1144	1336	1520
18	864	1080	1296	1512	1728
19	976	1216	1456	1704	1944
20	1088	1360	1632	1904	2176
21	1208	1512	1816	2120	2416
22	1336	1672	2008	2344	2672
23	1472	1840	2208	2576	2944
24	1616	2016	2416	2824	3224
25	1760	2200	2640	3080	3520
26	1912	2392	2872	3344	3824
27	2072	2592	3104	3624	4144
28	2240	2800	3360	3912	4472
29	2408	3008	3616	4216	4816
30	2592	3232	3880	4528	5176
SCRIBNER			\$ 8,000 / MBF		

Doyle Rule

LOG VALUE

REFERENCE TABLES

Doyle Rule

board feet by diameter & length

diameter	length				
	8'	10'	12'	14'	16'
6	2	3	3	4	4
7	5	6	7	8	9
8	8	10	12	14	16
9	12	16	19	22	25
10	18	22	27	31	36
11	24	31	37	43	49
12	32	40	48	56	64
13	40	51	61	71	81
14	50	62	75	87	100
15	60	76	91	106	121
16	72	90	108	126	144
17	84	106	127	148	169
18	98	122	147	171	196
19	112	141	169	197	225
20	128	160	192	224	256
21	144	181	217	253	289
22	162	202	243	283	324
23	180	226	271	316	361
24	200	250	300	350	400
25	220	276	331	386	441
26	242	302	363	423	484
27	264	331	397	463	529
28	288	360	432	504	576
29	312	391	469	547	625
30	338	422	507	591	676

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 100 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	0	0	0	0	0
7	0	1	1	1	1
8	1	1	1	1	2
9	1	2	2	2	3
10	2	2	3	3	4
11	2	3	4	4	5
12	3	4	5	6	6
13	4	5	6	7	8
14	5	6	8	9	10
15	6	8	9	11	12
16	7	9	11	13	14
17	8	11	13	15	17
18	10	12	15	17	20
19	11	14	17	20	23
20	13	16	19	22	26
21	14	18	22	25	29
22	16	20	24	28	32
23	18	23	27	32	36
24	20	25	30	35	40
25	22	28	33	39	44
26	24	30	36	42	48
27	26	33	40	46	53
28	29	36	43	50	58
29	31	39	47	55	63
30	34	42	51	59	68

DOYLE

\$ 100 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 125 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	0	0	0	0	1
7	1	1	1	1	1
8	1	1	2	2	2
9	2	2	2	3	3
10	2	3	3	4	5
11	3	4	5	5	6
12	4	5	6	7	8
13	5	6	8	9	10
14	6	8	9	11	13
15	8	10	11	13	15
16	9	11	14	16	18
17	11	13	16	19	21
18	12	15	18	21	25
19	14	18	21	25	28
20	16	20	24	28	32
21	18	23	27	32	36
22	20	25	30	35	41
23	23	28	34	40	45
24	25	31	38	44	50
25	28	35	41	48	55
26	30	38	45	53	61
27	33	41	50	58	66
28	36	45	54	63	72
29	39	49	59	68	78
30	42	53	63	74	85

DOYLE

\$ 125 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 150 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	0	0	0	1	1
7	1	1	1	1	1
8	1	2	2	2	2
9	2	2	3	3	4
10	3	3	4	5	5
11	4	5	6	6	7
12	5	6	7	8	10
13	6	8	9	11	12
14	8	9	11	13	15
15	9	11	14	16	18
16	11	14	16	19	22
17	13	16	19	22	25
18	15	18	22	26	29
19	17	21	25	30	34
20	19	24	29	34	38
21	22	27	33	38	43
22	24	30	36	42	49
23	27	34	41	47	54
24	30	38	45	53	60
25	33	41	50	58	66
26	36	45	54	63	73
27	40	50	60	69	79
28	43	54	65	76	86
29	47	59	70	82	94
30	51	63	76	89	101

DOYLE

\$ 150 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 175 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	0	0	1	1	1
7	1	1	1	1	2
8	1	2	2	2	3
9	2	3	3	4	4
10	3	4	5	5	6
11	4	5	6	8	9
12	6	7	8	10	11
13	7	9	11	12	14
14	9	11	13	15	18
15	11	13	16	19	21
16	13	16	19	22	25
17	15	19	22	26	30
18	17	21	26	30	34
19	20	25	30	34	39
20	22	28	34	39	45
21	25	32	38	44	51
22	28	35	43	50	57
23	32	40	47	55	63
24	35	44	53	61	70
25	39	48	58	68	77
26	42	53	64	74	85
27	46	58	69	81	93
28	50	63	76	88	101
29	55	68	82	96	109
30	59	74	89	103	118

DOYLE

\$ 175 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 200 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	0	1	1	1	1
7	1	1	1	2	2
8	2	2	2	3	3
9	2	3	4	4	5
10	4	4	5	6	7
11	5	6	7	9	10
12	6	8	10	11	13
13	8	10	12	14	16
14	10	12	15	17	20
15	12	15	18	21	24
16	14	18	22	25	29
17	17	21	25	30	34
18	20	24	29	34	39
19	22	28	34	39	45
20	26	32	38	45	51
21	29	36	43	51	58
22	32	40	49	57	65
23	36	45	54	63	72
24	40	50	60	70	80
25	44	55	66	77	88
26	48	60	73	85	97
27	53	66	79	93	106
28	58	72	86	101	115
29	62	78	94	109	125
30	68	84	101	118	135

DOYLE

\$ 200 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 225 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	0	1	1	1	1
7	1	1	2	2	2
8	2	2	3	3	4
9	3	4	4	5	6
10	4	5	6	7	8
11	5	7	8	10	11
12	7	9	11	13	14
13	9	11	14	16	18
14	11	14	17	20	23
15	14	17	20	24	27
16	16	20	24	28	32
17	19	24	29	33	38
18	22	27	33	38	44
19	25	32	38	44	51
20	29	36	43	50	58
21	32	41	49	57	65
22	36	45	55	64	73
23	41	51	61	71	81
24	45	56	68	79	90
25	50	62	74	87	99
26	54	68	82	95	109
27	59	74	89	104	119
28	65	81	97	113	130
29	70	88	106	123	141
30	76	95	114	133	152

DOYLE

\$ 225 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 250 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	1	1	1	1	1
7	1	1	2	2	2
8	2	3	3	4	4
9	3	4	5	6	6
10	5	6	7	8	9
11	6	8	9	11	12
12	8	10	12	14	16
13	10	13	15	18	20
14	13	16	19	22	25
15	15	19	23	27	30
16	18	23	27	32	36
17	21	27	32	37	42
18	25	31	37	43	49
19	28	35	42	49	56
20	32	40	48	56	64
21	36	45	54	63	72
22	41	51	61	71	81
23	45	57	68	79	90
24	50	63	75	88	100
25	55	69	83	97	110
26	61	76	91	106	121
27	66	83	99	116	132
28	72	90	108	126	144
29	78	98	117	137	156
30	85	106	127	148	169

DOYLE

\$ 250 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 275 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	1	1	1	1	1
7	1	2	2	2	2
8	2	3	3	4	4
9	3	4	5	6	7
10	5	6	7	9	10
11	7	9	10	12	13
12	9	11	13	15	18
13	11	14	17	20	22
14	14	17	21	24	28
15	17	21	25	29	33
16	20	25	30	35	40
17	23	29	35	41	46
18	27	34	40	47	54
19	31	39	46	54	62
20	35	44	53	62	70
21	40	50	60	70	79
22	45	56	67	78	89
23	50	62	75	87	99
24	55	69	83	96	110
25	61	76	91	106	121
26	67	83	100	116	133
27	73	91	109	127	145
28	79	99	119	139	158
29	86	108	129	150	172
30	93	116	139	163	186

DOYLE

\$ 275 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 300 / MBF

	length				
diameter	8'	10'	12'	14'	16'
6	1	1	1	1	1
7	1	2	2	2	3
8	2	3	4	4	5
9	4	5	6	7	8
10	5	7	8	9	11
11	7	9	11	13	15
12	10	12	14	17	19
13	12	15	18	21	24
14	15	19	23	26	30
15	18	23	27	32	36
16	22	27	32	38	43
17	25	32	38	44	51
18	29	37	44	51	59
19	34	42	51	59	68
20	38	48	58	67	77
21	43	54	65	76	87
22	49	61	73	85	97
23	54	68	81	95	108
24	60	75	90	105	120
25	66	83	99	116	132
26	73	91	109	127	145
27	79	99	119	139	159
28	86	108	130	151	173
29	94	117	141	164	188
30	101	127	152	177	203

DOYLE

\$ 300 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 350 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	1	1	1	1	1
7	2	2	2	3	3
8	3	4	4	5	6
9	4	6	7	8	9
10	6	8	9	11	13
11	8	11	13	15	17
12	11	14	17	20	22
13	14	18	21	25	28
14	18	22	26	30	35
15	21	27	32	37	42
16	25	32	38	44	50
17	29	37	44	52	59
18	34	43	51	60	69
19	39	49	59	69	79
20	45	56	67	78	90
21	50	63	76	89	101
22	57	71	85	99	113
23	63	79	95	111	126
24	70	88	105	123	140
25	77	97	116	135	154
26	85	106	127	148	169
27	92	116	139	162	185
28	101	126	151	176	202
29	109	137	164	191	219
30	118	148	177	207	237

DOYLE

\$ 350 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 400 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	1	1	1	1	2
7	2	2	3	3	4
8	3	4	5	6	6
9	5	6	8	9	10
10	7	9	11	12	14
11	10	12	15	17	20
12	13	16	19	22	26
13	16	20	24	28	32
14	20	25	30	35	40
15	24	30	36	42	48
16	29	36	43	50	58
17	34	42	51	59	68
18	39	49	59	68	78
19	45	56	68	79	90
20	51	64	77	90	102
21	58	72	87	101	116
22	65	81	97	113	130
23	72	90	108	126	144
24	80	100	120	140	160
25	88	110	132	154	176
26	97	121	145	169	194
27	106	132	159	185	212
28	115	144	173	202	230
29	125	156	188	219	250
30	135	169	203	236	270

DOYLE

\$ 400 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 450 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	1	1	1	2	2
7	2	3	3	4	4
8	4	5	5	6	7
9	5	7	9	10	11
10	8	10	12	14	16
11	11	14	17	19	22
12	14	18	22	25	29
13	18	23	27	32	36
14	23	28	34	39	45
15	27	34	41	48	54
16	32	41	49	57	65
17	38	48	57	67	76
18	44	55	66	77	88
19	50	63	76	89	101
20	58	72	86	101	115
21	65	81	98	114	130
22	73	91	109	127	146
23	81	102	122	142	162
24	90	113	135	158	180
25	99	124	149	174	198
26	109	136	163	190	218
27	119	149	179	208	238
28	130	162	194	227	259
29	140	176	211	246	281
30	152	190	228	266	304

DOYLE

\$ 450 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 500 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	1	1	2	2	2
7	2	3	3	4	5
8	4	5	6	7	8
9	6	8	10	11	13
10	9	11	14	16	18
11	12	16	19	22	25
12	16	20	24	28	32
13	20	26	31	36	41
14	25	31	38	44	50
15	30	38	46	53	61
16	36	45	54	63	72
17	42	53	64	74	85
18	49	61	74	86	98
19	56	71	85	99	113
20	64	80	96	112	128
21	72	91	109	127	145
22	81	101	122	142	162
23	90	113	136	158	181
24	100	125	150	175	200
25	110	138	166	193	221
26	121	151	182	212	242
27	132	166	199	232	265
28	144	180	216	252	288
29	156	196	235	274	313
30	169	211	254	296	338

DOYLE

\$ 500 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 550 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	1	1	2	2	2
7	2	3	4	4	5
8	4	6	7	8	9
9	7	9	10	12	14
10	10	12	15	17	20
11	13	17	20	24	27
12	18	22	26	31	35
13	22	28	34	39	45
14	28	34	41	48	55
15	33	42	50	58	67
16	40	50	59	69	79
17	46	58	70	81	93
18	54	67	81	94	108
19	62	78	93	108	124
20	70	88	106	123	141
21	79	100	119	139	159
22	89	111	134	156	178
23	99	124	149	174	199
24	110	138	165	193	220
25	121	152	182	212	243
26	133	166	200	233	266
27	145	182	218	255	291
28	158	198	238	277	317
29	172	215	258	301	344
30	186	232	279	325	372

DOYLE

\$ 550 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 600 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	1	2	2	2	2
7	3	3	4	5	5
8	5	6	7	8	10
9	7	10	11	13	15
10	11	13	16	19	22
11	14	19	22	26	29
12	19	24	29	34	38
13	24	31	37	43	49
14	30	37	45	52	60
15	36	46	55	64	73
16	43	54	65	76	86
17	50	64	76	89	101
18	59	73	88	103	118
19	67	85	101	118	135
20	77	96	115	134	154
21	86	109	130	152	173
22	97	121	146	170	194
23	108	136	163	190	217
24	120	150	180	210	240
25	132	166	199	232	265
26	145	181	218	254	290
27	158	199	238	278	317
28	173	216	259	302	346
29	187	235	281	328	375
30	203	253	304	355	406

DOYLE

\$ 600 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 650 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	1	2	2	2	3
7	3	4	4	5	6
8	5	7	8	9	10
9	8	10	12	14	16
10	12	14	18	20	23
11	16	20	24	28	32
12	21	26	31	36	42
13	26	33	40	46	53
14	33	40	49	57	65
15	39	49	59	69	79
16	47	59	70	82	94
17	55	69	83	96	110
18	64	79	96	111	127
19	73	92	110	128	146
20	83	104	125	146	166
21	94	118	141	164	188
22	105	131	158	184	211
23	117	147	176	205	235
24	130	163	195	228	260
25	143	179	215	251	287
26	157	196	236	275	315
27	172	215	258	301	344
28	187	234	281	328	374
29	203	254	305	356	406
30	220	274	330	384	439

DOYLE

\$ 650 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 700 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	1	2	2	2	3
7	3	4	5	6	6
8	6	7	8	10	11
9	8	11	13	15	18
10	13	15	19	22	25
11	17	22	26	30	34
12	22	28	34	39	45
13	28	36	43	50	57
14	35	43	53	61	70
15	42	53	64	74	85
16	50	63	76	88	101
17	59	74	89	104	118
18	69	85	103	120	137
19	78	99	118	138	158
20	90	112	134	157	179
21	101	127	152	177	202
22	113	141	170	198	227
23	126	158	190	221	253
24	140	175	210	245	280
25	154	193	232	270	309
26	169	211	254	296	339
27	185	232	278	324	370
28	202	252	302	353	403
29	218	274	328	383	438
30	237	295	355	414	473

DOYLE

\$ 700 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 750 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	2	2	2	3	3
7	3	4	5	6	7
8	6	8	9	11	12
9	9	12	14	17	19
10	14	17	20	23	27
11	18	23	28	32	37
12	24	30	36	42	48
13	30	38	46	53	61
14	38	47	56	65	75
15	45	57	68	80	91
16	54	68	81	95	108
17	63	80	95	111	127
18	74	92	110	128	147
19	84	106	127	148	169
20	96	120	144	168	192
21	108	136	163	190	217
22	122	152	182	212	243
23	135	170	203	237	271
24	150	188	225	263	300
25	165	207	248	290	331
26	182	227	272	317	363
27	198	248	298	347	397
28	216	270	324	378	432
29	234	293	352	410	469
30	254	317	380	443	507

DOYLE

\$ 750 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 800 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	2	2	2	3	3
7	4	5	5	6	7
8	6	8	10	11	13
9	10	13	15	18	20
10	14	18	22	25	29
11	19	25	30	34	39
12	26	32	38	45	51
13	32	41	49	57	65
14	40	50	60	70	80
15	48	61	73	85	97
16	58	72	86	101	115
17	67	85	102	118	135
18	78	98	118	137	157
19	90	113	135	158	180
20	102	128	154	179	205
21	115	145	174	202	231
22	130	162	194	226	259
23	144	181	217	253	289
24	160	200	240	280	320
25	176	221	265	309	353
26	194	242	290	338	387
27	211	265	318	370	423
28	230	288	346	403	461
29	250	313	375	438	500
30	270	338	406	473	541

DOYLE

\$ 800 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 850 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	2	2	3	3	3
7	4	5	6	7	8
8	7	9	10	12	14
9	10	14	16	19	21
10	15	19	23	26	31
11	20	26	31	37	42
12	27	34	41	48	54
13	34	43	52	60	69
14	43	53	64	74	85
15	51	65	77	90	103
16	61	77	92	107	122
17	71	90	108	126	144
18	83	104	125	145	167
19	95	120	144	167	191
20	109	136	163	190	218
21	122	154	184	215	246
22	138	172	207	241	275
23	153	192	230	269	307
24	170	213	255	298	340
25	187	235	281	328	375
26	206	257	309	360	411
27	224	281	337	394	450
28	245	306	367	428	490
29	265	332	399	465	531
30	287	359	431	502	575

DOYLE

\$ 850 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 900 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	2	2	3	3	4
7	4	5	6	7	8
8	7	9	11	13	14
9	11	14	17	20	23
10	16	20	24	28	32
11	22	28	33	39	44
12	29	36	43	50	58
13	36	46	55	64	73
14	45	56	68	78	90
15	54	68	82	95	109
16	65	81	97	113	130
17	76	95	114	133	152
18	88	110	132	154	176
19	101	127	152	177	203
20	115	144	173	202	230
21	130	163	195	228	260
22	146	182	219	255	292
23	162	203	244	284	325
24	180	225	270	315	360
25	198	248	298	347	397
26	218	272	327	381	436
27	238	298	357	417	476
28	259	324	389	454	518
29	281	352	422	492	563
30	304	380	456	532	608

DOYLE

\$ 900 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 950 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	2	2	3	3	4
7	4	5	6	7	9
8	8	10	11	13	15
9	11	15	18	21	24
10	17	21	26	29	34
11	23	29	35	41	47
12	30	38	46	53	61
13	38	48	58	67	77
14	48	59	71	83	95
15	57	72	86	101	115
16	68	86	103	120	137
17	80	101	121	141	161
18	93	116	140	162	186
19	106	134	161	187	214
20	122	152	182	213	243
21	137	172	206	240	275
22	154	192	231	269	308
23	171	215	257	300	343
24	190	238	285	333	380
25	209	262	314	367	419
26	230	287	345	402	460
27	251	314	377	440	503
28	274	342	410	479	547
29	296	371	446	520	594
30	321	401	482	561	642

DOYLE

\$ 950 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 1,000 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	2	3	3	4	4
7	5	6	7	8	9
8	8	10	12	14	16
9	12	16	19	22	25
10	18	22	27	31	36
11	24	31	37	43	49
12	32	40	48	56	64
13	40	51	61	71	81
14	50	62	75	87	100
15	60	76	91	106	121
16	72	90	108	126	144
17	84	106	127	148	169
18	98	122	147	171	196
19	112	141	169	197	225
20	128	160	192	224	256
21	144	181	217	253	289
22	162	202	243	283	324
23	180	226	271	316	361
24	200	250	300	350	400
25	220	276	331	386	441
26	242	302	363	423	484
27	264	331	397	463	529
28	288	360	432	504	576
29	312	391	469	547	625
30	338	422	507	591	676

DOYLE

\$ 1,000 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 1,100 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	2	3	3	4	4
7	5	6	7	9	10
8	9	11	13	15	18
9	13	18	21	24	28
10	20	24	30	34	40
11	26	34	41	47	54
12	35	44	53	62	70
13	44	56	67	78	89
14	55	68	83	96	110
15	66	84	100	117	133
16	79	99	119	139	158
17	92	117	140	163	186
18	108	134	162	188	216
19	123	155	186	217	248
20	141	176	211	246	282
21	158	199	239	278	318
22	178	222	267	311	356
23	198	249	298	348	397
24	220	275	330	385	440
25	242	304	364	425	485
26	266	332	399	465	532
27	290	364	437	509	582
28	317	396	475	554	634
29	343	430	516	602	688
30	372	464	558	650	744

DOYLE

\$ 1,100 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 1,200 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	2	3	4	4	5
7	5	7	8	9	11
8	10	12	14	17	19
9	14	19	23	26	30
10	22	26	32	37	43
11	29	37	44	52	59
12	38	48	58	67	77
13	48	61	73	85	97
14	60	74	90	104	120
15	72	91	109	127	145
16	86	108	130	151	173
17	101	127	152	178	203
18	118	146	176	205	235
19	134	169	203	236	270
20	154	192	230	269	307
21	173	217	260	304	347
22	194	242	292	340	389
23	216	271	325	379	433
24	240	300	360	420	480
25	264	331	397	463	529
26	290	362	436	508	581
27	317	397	476	556	635
28	346	432	518	605	691
29	374	469	563	656	750
30	406	506	608	709	811

DOYLE

\$ 1,200 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 1,300 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	3	3	4	5	5
7	6	7	9	10	12
8	10	13	16	18	21
9	16	21	25	29	33
10	23	29	35	40	47
11	31	40	48	56	64
12	42	52	62	73	83
13	52	66	79	92	105
14	65	81	98	113	130
15	78	99	118	138	157
16	94	117	140	164	187
17	109	138	165	192	220
18	127	159	191	222	255
19	146	183	220	256	293
20	166	208	250	291	333
21	187	235	282	329	376
22	211	263	316	368	421
23	234	294	352	411	469
24	260	325	390	455	520
25	286	359	430	502	573
26	315	393	472	550	629
27	343	430	516	602	688
28	374	468	562	655	749
29	406	508	610	711	813
30	439	549	659	768	879

DOYLE

\$ 1,300 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 1,400 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	3	4	4	5	6
7	6	8	9	11	13
8	11	14	17	20	22
9	17	22	27	31	35
10	25	31	38	43	50
11	34	43	52	60	69
12	45	56	67	78	90
13	56	71	85	99	113
14	70	87	105	122	140
15	84	106	127	148	169
16	101	126	151	176	202
17	118	148	178	207	237
18	137	171	206	239	274
19	157	197	237	276	315
20	179	224	269	314	358
21	202	253	304	354	405
22	227	283	340	396	454
23	252	316	379	442	505
24	280	350	420	490	560
25	308	386	463	540	617
26	339	423	508	592	678
27	370	463	556	648	741
28	403	504	605	706	806
29	437	547	657	766	875
30	473	591	710	827	946

DOYLE

\$ 1,400 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 1,500 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	3	4	5	5	6
7	7	8	10	12	14
8	12	15	18	21	24
9	18	24	29	33	38
10	27	33	41	47	54
11	36	47	56	65	74
12	48	60	72	84	96
13	60	77	92	107	122
14	75	93	113	131	150
15	90	114	137	159	182
16	108	135	162	189	216
17	126	159	191	222	254
18	147	183	221	257	294
19	168	212	254	296	338
20	192	240	288	336	384
21	216	272	326	380	434
22	243	303	365	425	486
23	270	339	407	474	542
24	300	375	450	525	600
25	330	414	497	579	662
26	363	453	545	635	726
27	396	497	596	695	794
28	432	540	648	756	864
29	468	587	704	821	938
30	507	633	761	887	1014

DOYLE

\$ 1,500 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 1,600 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	3	4	5	6	6
7	7	9	11	13	14
8	13	16	19	22	26
9	19	26	30	35	40
10	29	35	43	50	58
11	38	50	59	69	78
12	51	64	77	90	102
13	64	82	98	114	130
14	80	99	120	139	160
15	96	122	146	170	194
16	115	144	173	202	230
17	134	170	203	237	270
18	157	195	235	274	314
19	179	226	270	315	360
20	205	256	307	358	410
21	230	290	347	405	462
22	259	323	389	453	518
23	288	362	434	506	578
24	320	400	480	560	640
25	352	442	530	618	706
26	387	483	581	677	774
27	422	530	635	741	846
28	461	576	691	806	922
29	499	626	750	875	1000
30	541	675	811	946	1082

DOYLE

\$ 1,600 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 1,700 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	3	4	5	6	7
7	8	10	11	13	15
8	14	17	20	24	27
9	20	27	32	37	43
10	31	37	46	53	61
11	41	53	63	73	83
12	54	68	82	95	109
13	68	87	104	121	138
14	85	105	128	148	170
15	102	129	155	180	206
16	122	153	184	214	245
17	143	180	216	252	287
18	167	207	250	291	333
19	190	240	287	335	383
20	218	272	326	381	435
21	245	308	369	430	491
22	275	343	413	481	551
23	306	384	461	537	614
24	340	425	510	595	680
25	374	469	563	656	750
26	411	513	617	719	823
27	449	563	675	787	899
28	490	612	734	857	979
29	530	665	797	930	1063
30	575	717	862	1005	1149

DOYLE

\$ 1,700 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 1,800 / MBF

	length				
diameter	8'	10'	12'	14'	16'
6	4	5	5	6	7
7	8	10	12	14	16
8	14	18	22	25	29
9	22	29	34	40	45
10	32	40	49	56	65
11	43	56	67	77	88
12	58	72	86	101	115
13	72	92	110	128	146
14	90	112	135	157	180
15	108	137	164	191	218
16	130	162	194	227	259
17	151	191	229	266	304
18	176	220	265	308	353
19	202	254	304	355	405
20	230	288	346	403	461
21	259	326	391	455	520
22	292	364	437	509	583
23	324	407	488	569	650
24	360	450	540	630	720
25	396	497	596	695	794
26	436	544	653	761	871
27	475	596	715	833	952
28	518	648	778	907	1037
29	562	704	844	985	1125
30	608	760	913	1064	1217

DOYLE

\$ 1,800 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 1,900 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	4	5	6	7	8
7	9	11	13	15	17
8	15	19	23	27	30
9	23	30	36	42	48
10	34	42	51	59	68
11	46	59	70	82	93
12	61	76	91	106	122
13	76	97	116	135	154
14	95	118	143	165	190
15	114	144	173	201	230
16	137	171	205	239	274
17	160	201	241	281	321
18	186	232	279	325	372
19	213	268	321	374	428
20	243	304	365	426	486
21	274	344	412	481	549
22	308	384	462	538	616
23	342	429	515	600	686
24	380	475	570	665	760
25	418	524	629	733	838
26	460	574	690	804	920
27	502	629	754	880	1005
28	547	684	821	958	1094
29	593	743	891	1039	1188
30	642	802	963	1123	1284

DOYLE

\$ 1,900 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 2,000 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	4	5	6	7	8
7	9	11	14	16	18
8	16	20	24	28	32
9	24	32	38	44	50
10	36	44	54	62	72
11	48	62	74	86	98
12	64	80	96	112	128
13	80	102	122	142	162
14	100	124	150	174	200
15	120	152	182	212	242
16	144	180	216	252	288
17	168	212	254	296	338
18	196	244	294	342	392
19	224	282	338	394	450
20	256	320	384	448	512
21	288	362	434	506	578
22	324	404	486	566	648
23	360	452	542	632	722
24	400	500	600	700	800
25	440	552	662	772	882
26	484	604	726	846	968
27	528	662	794	926	1058
28	576	720	864	1008	1152
29	624	782	938	1094	1250
30	676	844	1014	1182	1352

DOYLE

\$ 2,000 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 2,100 / MBF

	length				
diameter	8'	10'	12'	14'	16'
6	4	5	6	7	8
7	9	12	14	17	19
8	17	21	25	29	34
9	25	34	40	46	53
10	38	46	57	65	76
11	50	65	78	90	103
12	67	84	101	118	134
13	84	107	128	149	170
14	105	130	158	183	210
15	126	160	191	223	254
16	151	189	227	265	302
17	176	223	267	311	355
18	206	256	309	359	412
19	235	296	355	414	473
20	269	336	403	470	538
21	302	380	456	531	607
22	340	424	510	594	680
23	378	475	569	664	758
24	420	525	630	735	840
25	462	580	695	811	926
26	508	634	762	888	1016
27	554	695	834	972	1111
28	605	756	907	1058	1210
29	655	821	985	1149	1313
30	710	886	1065	1241	1420

DOYLE

\$ 2,100 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 2,200 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	4	6	7	8	9
7	10	12	15	17	20
8	18	22	26	31	35
9	26	35	42	48	55
10	40	48	59	68	79
11	53	68	81	95	108
12	70	88	106	123	141
13	88	112	134	156	178
14	110	136	165	191	220
15	132	167	200	233	266
16	158	198	238	277	317
17	185	233	279	326	372
18	216	268	323	376	431
19	246	310	372	433	495
20	282	352	422	493	563
21	317	398	477	557	636
22	356	444	535	623	713
23	396	497	596	695	794
24	440	550	660	770	880
25	484	607	728	849	970
26	532	664	799	931	1065
27	581	728	873	1019	1164
28	634	792	950	1109	1267
29	686	860	1032	1203	1375
30	744	928	1115	1300	1487

DOYLE

\$ 2,200 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 2,300 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	5	6	7	8	9
7	10	13	16	18	21
8	18	23	28	32	37
9	28	37	44	51	58
10	41	51	62	71	83
11	55	71	85	99	113
12	74	92	110	129	147
13	92	117	140	163	186
14	115	143	173	200	230
15	138	175	209	244	278
16	166	207	248	290	331
17	193	244	292	340	389
18	225	281	338	393	451
19	258	324	389	453	518
20	294	368	442	515	589
21	331	416	499	582	665
22	373	465	559	651	745
23	414	520	623	727	830
24	460	575	690	805	920
25	506	635	761	888	1014
26	557	695	835	973	1113
27	607	761	913	1065	1217
28	662	828	994	1159	1325
29	718	899	1079	1258	1438
30	777	971	1166	1359	1555

DOYLE

\$ 2,300 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 2,400 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	5	6	7	8	10
7	11	14	16	19	22
8	19	24	29	34	38
9	29	38	46	53	60
10	43	53	65	74	86
11	58	74	89	103	118
12	77	96	115	134	154
13	96	122	146	170	194
14	120	149	180	209	240
15	144	182	218	254	290
16	173	216	259	302	346
17	202	254	305	355	406
18	235	293	353	410	470
19	269	338	406	473	540
20	307	384	461	538	614
21	346	434	521	607	694
22	389	485	583	679	778
23	432	542	650	758	866
24	480	600	720	840	960
25	528	662	794	926	1058
26	581	725	871	1015	1162
27	634	794	953	1111	1270
28	691	864	1037	1210	1382
29	749	938	1126	1313	1500
30	811	1013	1217	1418	1622

DOYLE

\$ 2,400 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 2,500 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	5	6	8	9	10
7	11	14	17	20	23
8	20	25	30	35	40
9	30	40	48	55	63
10	45	55	68	78	90
11	60	78	93	108	123
12	80	100	120	140	160
13	100	128	153	178	203
14	125	155	188	218	250
15	150	190	228	265	303
16	180	225	270	315	360
17	210	265	318	370	423
18	245	305	368	428	490
19	280	353	423	493	563
20	320	400	480	560	640
21	360	453	543	633	723
22	405	505	608	708	810
23	450	565	678	790	903
24	500	625	750	875	1000
25	550	690	828	965	1103
26	605	755	908	1058	1210
27	660	828	993	1158	1323
28	720	900	1080	1260	1440
29	780	978	1173	1368	1563
30	845	1055	1268	1478	1690

DOYLE

\$ 2,500 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 2,600 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	5	7	8	9	10
7	12	15	18	20	23
8	21	26	31	36	42
9	31	42	49	57	65
10	47	57	70	81	94
11	62	81	96	112	127
12	83	104	125	146	166
13	104	133	159	185	211
14	130	161	195	226	260
15	156	198	237	276	315
16	187	234	281	328	374
17	218	276	330	385	439
18	255	317	382	445	510
19	291	367	439	512	585
20	333	416	499	582	666
21	374	471	564	658	751
22	421	525	632	736	842
23	468	588	705	822	939
24	520	650	780	910	1040
25	572	718	861	1004	1147
26	629	785	944	1100	1258
27	686	861	1032	1204	1375
28	749	936	1123	1310	1498
29	811	1017	1219	1422	1625
30	879	1097	1318	1537	1758

DOYLE

\$ 2,600 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 2,700 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	5	7	8	9	11
7	12	15	18	21	24
8	22	27	32	38	43
9	32	43	51	59	68
10	49	59	73	84	97
11	65	84	100	116	132
12	86	108	130	151	173
13	108	138	165	192	219
14	135	167	203	235	270
15	162	205	246	286	327
16	194	243	292	340	389
17	227	286	343	400	456
18	265	329	397	462	529
19	302	381	456	532	608
20	346	432	518	605	691
21	389	489	586	683	780
22	437	545	656	764	875
23	486	610	732	853	975
24	540	675	810	945	1080
25	594	745	894	1042	1191
26	653	815	980	1142	1307
27	713	894	1072	1250	1428
28	778	972	1166	1361	1555
29	842	1056	1266	1477	1688
30	913	1139	1369	1596	1825

DOYLE

\$ 2,700 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 2,800 / MBF

	length				
diameter	8'	10'	12'	14'	16'
6	6	7	8	10	11
7	13	16	19	22	25
8	22	28	34	39	45
9	34	45	53	62	70
10	50	62	76	87	101
11	67	87	104	120	137
12	90	112	134	157	179
13	112	143	171	199	227
14	140	174	210	244	280
15	168	213	255	297	339
16	202	252	302	353	403
17	235	297	356	414	473
18	274	342	412	479	549
19	314	395	473	552	630
20	358	448	538	627	717
21	403	507	608	708	809
22	454	566	680	792	907
23	504	633	759	885	1011
24	560	700	840	980	1120
25	616	773	927	1081	1235
26	678	846	1016	1184	1355
27	739	927	1112	1296	1481
28	806	1008	1210	1411	1613
29	874	1095	1313	1532	1750
30	946	1182	1420	1655	1893

DOYLE

\$ 2,800 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 2,900 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	6	7	9	10	12
7	13	16	20	23	26
8	23	29	35	41	46
9	35	46	55	64	73
10	52	64	78	90	104
11	70	90	107	125	142
12	93	116	139	162	186
13	116	148	177	206	235
14	145	180	218	252	290
15	174	220	264	307	351
16	209	261	313	365	418
17	244	307	368	429	490
18	284	354	426	496	568
19	325	409	490	571	653
20	371	464	557	650	742
21	418	525	629	734	838
22	470	586	705	821	940
23	522	655	786	916	1047
24	580	725	870	1015	1160
25	638	800	960	1119	1279
26	702	876	1053	1227	1404
27	766	960	1151	1343	1534
28	835	1044	1253	1462	1670
29	905	1134	1360	1586	1813
30	980	1224	1470	1714	1960

DOYLE

\$ 2,900 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 3,000 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	6	8	9	11	12
7	14	17	20	24	27
8	24	30	36	42	48
9	36	48	57	66	75
10	54	66	81	93	108
11	72	93	111	129	147
12	96	120	144	168	192
13	120	153	183	213	243
14	150	186	225	261	300
15	180	228	273	318	363
16	216	270	324	378	432
17	252	318	381	444	507
18	294	366	441	513	588
19	336	423	507	591	675
20	384	480	576	672	768
21	432	543	651	759	867
22	486	606	729	849	972
23	540	678	813	948	1083
24	600	750	900	1050	1200
25	660	828	993	1158	1323
26	726	906	1089	1269	1452
27	792	993	1191	1389	1587
28	864	1080	1296	1512	1728
29	936	1173	1407	1641	1875
30	1014	1266	1521	1773	2028

DOYLE

\$ 3,000 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 3,500 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	7	9	11	12	14
7	16	20	24	28	32
8	28	35	42	49	56
9	42	56	67	77	88
10	63	77	95	109	126
11	84	109	130	151	172
12	112	140	168	196	224
13	140	179	214	249	284
14	175	217	263	305	350
15	210	266	319	371	424
16	252	315	378	441	504
17	294	371	445	518	592
18	343	427	515	599	686
19	392	494	592	690	788
20	448	560	672	784	896
21	504	634	760	886	1012
22	567	707	851	991	1134
23	630	791	949	1106	1264
24	700	875	1050	1225	1400
25	770	966	1159	1351	1544
26	847	1057	1271	1481	1694
27	924	1159	1390	1621	1852
28	1008	1260	1512	1764	2016
29	1092	1369	1642	1915	2188
30	1183	1477	1775	2069	2366

DOYLE

\$ 3,500 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 4,000 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	8	10	12	14	16
7	18	23	27	32	36
8	32	40	48	56	64
9	48	64	76	88	100
10	72	88	108	124	144
11	96	124	148	172	196
12	128	160	192	224	256
13	160	204	244	284	324
14	200	248	300	348	400
15	240	304	364	424	484
16	288	360	432	504	576
17	336	424	508	592	676
18	392	488	588	684	784
19	448	564	676	788	900
20	512	640	768	896	1024
21	576	724	868	1012	1156
22	648	808	972	1132	1296
23	720	904	1084	1264	1444
24	800	1000	1200	1400	1600
25	880	1104	1324	1544	1764
26	968	1208	1452	1692	1936
27	1056	1324	1588	1852	2116
28	1152	1440	1728	2016	2304
29	1248	1564	1876	2188	2500
30	1352	1688	2028	2364	2704

DOYLE

\$ 4,000 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 4,500 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	9	11	14	16	18
7	20	25	30	35	41
8	36	45	54	63	72
9	54	72	86	99	113
10	81	99	122	140	162
11	108	140	167	194	221
12	144	180	216	252	288
13	180	230	275	320	365
14	225	279	338	392	450
15	270	342	410	477	545
16	324	405	486	567	648
17	378	477	572	666	761
18	441	549	662	770	882
19	504	635	761	887	1013
20	576	720	864	1008	1152
21	648	815	977	1139	1301
22	729	909	1094	1274	1458
23	810	1017	1220	1422	1625
24	900	1125	1350	1575	1800
25	990	1242	1490	1737	1985
26	1089	1359	1634	1904	2178
27	1188	1490	1787	2084	2381
28	1296	1620	1944	2268	2592
29	1404	1760	2111	2462	2813
30	1521	1899	2282	2660	3042

DOYLE

\$ 4,500 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 5,000 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	10	13	15	18	20
7	23	28	34	39	45
8	40	50	60	70	80
9	60	80	95	110	125
10	90	110	135	155	180
11	120	155	185	215	245
12	160	200	240	280	320
13	200	255	305	355	405
14	250	310	375	435	500
15	300	380	455	530	605
16	360	450	540	630	720
17	420	530	635	740	845
18	490	610	735	855	980
19	560	705	845	985	1125
20	640	800	960	1120	1280
21	720	905	1085	1265	1445
22	810	1010	1215	1415	1620
23	900	1130	1355	1580	1805
24	1000	1250	1500	1750	2000
25	1100	1380	1655	1930	2205
26	1210	1510	1815	2115	2420
27	1320	1655	1985	2315	2645
28	1440	1800	2160	2520	2880
29	1560	1955	2345	2735	3125
30	1690	2110	2535	2955	3380

DOYLE

\$ 5,000 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 6,500 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	13	16	20	23	26
7	29	37	44	51	59
8	52	65	78	91	104
9	78	104	124	143	163
10	117	143	176	202	234
11	156	202	241	280	319
12	208	260	312	364	416
13	260	332	397	462	527
14	325	403	488	566	650
15	390	494	592	689	787
16	468	585	702	819	936
17	546	689	826	962	1099
18	637	793	956	1112	1274
19	728	917	1099	1281	1463
20	832	1040	1248	1456	1664
21	936	1177	1411	1645	1879
22	1053	1313	1580	1840	2106
23	1170	1469	1762	2054	2347
24	1300	1625	1950	2275	2600
25	1430	1794	2152	2509	2867
26	1573	1963	2360	2750	3146
27	1716	2152	2581	3010	3439
28	1872	2340	2808	3276	3744
29	2028	2542	3049	3556	4063
30	2197	2743	3296	3842	4394

DOYLE

\$ 6,500 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 7,000 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	14	18	21	25	28
7	32	39	47	55	63
8	56	70	84	98	112
9	84	112	133	154	175
10	126	154	189	217	252
11	168	217	259	301	343
12	224	280	336	392	448
13	280	357	427	497	567
14	350	434	525	609	700
15	420	532	637	742	847
16	504	630	756	882	1008
17	588	742	889	1036	1183
18	686	854	1029	1197	1372
19	784	987	1183	1379	1575
20	896	1120	1344	1568	1792
21	1008	1267	1519	1771	2023
22	1134	1414	1701	1981	2268
23	1260	1582	1897	2212	2527
24	1400	1750	2100	2450	2800
25	1540	1932	2317	2702	3087
26	1694	2114	2541	2961	3388
27	1848	2317	2779	3241	3703
28	2016	2520	3024	3528	4032
29	2184	2737	3283	3829	4375
30	2366	2954	3549	4137	4732

DOYLE

\$ 7,000 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 7,500 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	15	19	23	26	30
7	34	42	51	59	68
8	60	75	90	105	120
9	90	120	143	165	188
10	135	165	203	233	270
11	180	233	278	323	368
12	240	300	360	420	480
13	300	383	458	533	608
14	375	465	563	653	750
15	450	570	683	795	908
16	540	675	810	945	1080
17	630	795	953	1110	1268
18	735	915	1103	1283	1470
19	840	1058	1268	1478	1688
20	960	1200	1440	1680	1920
21	1080	1358	1628	1898	2168
22	1215	1515	1823	2123	2430
23	1350	1695	2033	2370	2708
24	1500	1875	2250	2625	3000
25	1650	2070	2483	2895	3308
26	1815	2265	2723	3173	3630
27	1980	2483	2978	3473	3968
28	2160	2700	3240	3780	4320
29	2340	2933	3518	4103	4688
30	2535	3165	3803	4433	5070

DOYLE

\$ 7,500 / MBF

The Hardwood Log Desktop Reference Book

Doyle Rule Log Values

\$ 8,000 / MBF

diameter	length				
	8'	10'	12'	14'	16'
6	16	20	24	28	32
7	36	45	54	63	72
8	64	80	96	112	128
9	96	128	152	176	200
10	144	176	216	248	288
11	192	248	296	344	392
12	256	320	384	448	512
13	320	408	488	568	648
14	400	496	600	696	800
15	480	608	728	848	968
16	576	720	864	1008	1152
17	672	848	1016	1184	1352
18	784	976	1176	1368	1568
19	896	1128	1352	1576	1800
20	1024	1280	1536	1792	2048
21	1152	1448	1736	2024	2312
22	1296	1616	1944	2264	2592
23	1440	1808	2168	2528	2888
24	1600	2000	2400	2800	3200
25	1760	2208	2648	3088	3528
26	1936	2416	2904	3384	3872
27	2112	2648	3176	3704	4232
28	2304	2880	3456	4032	4608
29	2496	3128	3752	4376	5000
30	2704	3376	4056	4728	5408

DOYLE

\$ 8,000 / MBF

International 1/4" Rule

**LOG VALUE
REFERENCE TABLES**

Odd & Even Log Lengths

The Hardwood Log Desktop Reference Book

International 1/4" Log Rule

board feet by diameter & length

diameter	length								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	10	10	10	15	15	15	15	20	20
7	10	15	15	20	20	20	25	25	30
8	15	20	20	25	25	30	35	35	40
9	20	25	30	30	35	40	45	45	50
10	30	35	35	40	45	50	55	60	65
11	35	40	45	50	55	65	70	75	80
12	45	50	55	65	70	75	85	90	95
13	55	60	70	75	85	90	100	105	115
14	65	70	80	90	100	105	115	125	135
15	75	85	95	105	115	125	135	145	160
16	85	95	110	120	130	145	155	170	180
17	95	110	125	135	150	165	180	190	205
18	110	125	140	155	170	185	200	215	230
19	125	140	155	175	190	205	225	245	260
20	135	155	175	195	210	230	250	270	290
21	155	175	195	215	235	255	280	300	320
22	170	190	215	235	260	285	305	330	355
23	185	210	235	260	285	310	335	360	390
24	205	230	255	285	310	340	370	395	425
25	220	250	280	310	340	370	400	430	460
26	240	275	305	335	370	400	435	470	500
27	260	295	330	365	400	435	470	505	540
28	280	320	355	395	430	470	510	545	585
29	305	345	385	425	465	505	545	590	630
30	325	370	410	455	495	540	585	630	675

The Hardwood Log Desktop Reference Book

International Log Rule Values \$100 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	1	1	1	2	2	2	2	2	2
7	1	2	2	2	2	2	3	3	3
8	2	2	2	3	3	3	4	4	4
9	2	3	3	3	4	4	5	5	5
10	3	4	4	4	5	5	6	6	7
11	4	4	5	5	6	7	7	8	8
12	5	5	6	7	7	8	9	9	10
13	6	6	7	8	9	9	10	11	12
14	7	7	8	9	10	11	12	13	14
15	8	9	10	11	12	13	14	15	16
16	9	10	11	12	13	15	16	17	18
17	10	11	13	14	15	17	18	19	21
18	11	13	14	16	17	19	20	22	23
19	13	14	16	18	19	21	23	25	26
20	14	16	18	20	21	23	25	27	29
21	16	18	20	22	24	26	28	30	32
22	17	19	22	24	26	29	31	33	36
23	19	21	24	26	29	31	34	36	39
24	21	23	26	29	31	34	37	40	43
25	22	25	28	31	34	37	40	43	46
26	24	28	31	34	37	40	44	47	50
27	26	30	33	37	40	44	47	51	54
28	28	32	36	40	43	47	51	55	59
29	31	35	39	43	47	51	55	59	63
30	33	37	41	46	50	54	59	63	68

International \$100 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$125 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	1	1	1	2	2	2	2	3	3
7	1	2	2	3	3	3	3	3	4
8	2	3	3	3	3	4	4	4	5
9	3	3	4	4	4	5	6	6	6
10	4	4	4	5	6	6	7	8	8
11	4	5	6	6	7	8	9	9	10
12	6	6	7	8	9	9	11	11	12
13	7	8	9	9	11	11	13	13	14
14	8	9	10	11	13	13	14	16	17
15	9	11	12	13	14	16	17	18	20
16	11	12	14	15	16	18	19	21	23
17	12	14	16	17	19	21	23	24	26
18	14	16	18	19	21	23	25	27	29
19	16	18	19	22	24	26	28	31	33
20	17	19	22	24	26	29	31	34	36
21	19	22	24	27	29	32	35	38	40
22	21	24	27	29	33	36	38	41	44
23	23	26	29	33	36	39	42	45	49
24	26	29	32	36	39	43	46	49	53
25	28	31	35	39	43	46	50	54	58
26	30	34	38	42	46	50	54	59	63
27	33	37	41	46	50	54	59	63	68
28	35	40	44	49	54	59	64	68	73
29	38	43	48	53	58	63	68	74	79
30	41	46	51	57	62	68	73	79	84

International

\$125 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$150 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	2	2	2	2	2	2	2	3	3
7	2	2	2	3	3	3	4	4	5
8	2	3	3	4	4	5	5	5	6
9	3	4	5	5	5	6	7	7	8
10	5	5	5	6	7	8	8	9	10
11	5	6	7	8	8	10	11	11	12
12	7	8	8	10	11	11	13	14	14
13	8	9	11	11	13	14	15	16	17
14	10	11	12	14	15	16	17	19	20
15	11	13	14	16	17	19	20	22	24
16	13	14	17	18	20	22	23	26	27
17	14	17	19	20	23	25	27	29	31
18	17	19	21	23	26	28	30	32	35
19	19	21	23	26	29	31	34	37	39
20	20	23	26	29	32	35	38	41	44
21	23	26	29	32	35	38	42	45	48
22	26	29	32	35	39	43	46	50	53
23	28	32	35	39	43	47	50	54	59
24	31	35	38	43	47	51	56	59	64
25	33	38	42	47	51	56	60	65	69
26	36	41	46	50	56	60	65	71	75
27	39	44	50	55	60	65	71	76	81
28	42	48	53	59	65	71	77	82	88
29	46	52	58	64	70	76	82	89	95
30	49	56	62	68	74	81	88	95	101

International

\$150 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$175 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	2	2	2	3	3	3	3	4	4
7	2	3	3	4	4	4	4	4	5
8	3	4	4	4	4	5	6	6	7
9	4	4	5	5	6	7	8	8	9
10	5	6	6	7	8	9	10	11	11
11	6	7	8	9	10	11	12	13	14
12	8	9	10	11	12	13	15	16	17
13	10	11	12	13	15	16	18	18	20
14	11	12	14	16	18	18	20	22	24
15	13	15	17	18	20	22	24	25	28
16	15	17	19	21	23	25	27	30	32
17	17	19	22	24	26	29	32	33	36
18	19	22	25	27	30	32	35	38	40
19	22	25	27	31	33	36	39	43	46
20	24	27	31	34	37	40	44	47	51
21	27	31	34	38	41	45	49	53	56
22	30	33	38	41	46	50	53	58	62
23	32	37	41	46	50	54	59	63	68
24	36	40	45	50	54	60	65	69	74
25	39	44	49	54	60	65	70	75	81
26	42	48	53	59	65	70	76	82	88
27	46	52	58	64	70	76	82	88	95
28	49	56	62	69	75	82	89	95	102
29	53	60	67	74	81	88	95	103	110
30	57	65	72	80	87	95	102	110	118

International \$175 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$200 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	2	2	2	3	3	3	3	4	4
7	2	3	3	4	4	4	5	5	6
8	3	4	4	5	5	6	7	7	8
9	4	5	6	6	7	8	9	9	10
10	6	7	7	8	9	10	11	12	13
11	7	8	9	10	11	13	14	15	16
12	9	10	11	13	14	15	17	18	19
13	11	12	14	15	17	18	20	21	23
14	13	14	16	18	20	21	23	25	27
15	15	17	19	21	23	25	27	29	32
16	17	19	22	24	26	29	31	34	36
17	19	22	25	27	30	33	36	38	41
18	22	25	28	31	34	37	40	43	46
19	25	28	31	35	38	41	45	49	52
20	27	31	35	39	42	46	50	54	58
21	31	35	39	43	47	51	56	60	64
22	34	38	43	47	52	57	61	66	71
23	37	42	47	52	57	62	67	72	78
24	41	46	51	57	62	68	74	79	85
25	44	50	56	62	68	74	80	86	92
26	48	55	61	67	74	80	87	94	100
27	52	59	66	73	80	87	94	101	108
28	56	64	71	79	86	94	102	109	117
29	61	69	77	85	93	101	109	118	126
30	65	74	82	91	99	108	117	126	135

International

\$200 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$225 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	2	2	2	3	3	3	3	5	5
7	2	3	3	5	5	5	6	6	7
8	3	5	5	6	6	7	8	8	9
9	5	6	7	7	8	9	10	10	11
10	7	8	8	9	10	11	12	14	15
11	8	9	10	11	12	15	16	17	18
12	10	11	12	15	16	17	19	20	21
13	12	14	16	17	19	20	23	24	26
14	15	16	18	20	23	24	26	28	30
15	17	19	21	24	26	28	30	33	36
16	19	21	25	27	29	33	35	38	41
17	21	25	28	30	34	37	41	43	46
18	25	28	32	35	38	42	45	48	52
19	28	32	35	39	43	46	51	55	59
20	30	35	39	44	47	52	56	61	65
21	35	39	44	48	53	57	63	68	72
22	38	43	48	53	59	64	69	74	80
23	42	47	53	59	64	70	75	81	88
24	46	52	57	64	70	77	83	89	96
25	50	56	63	70	77	83	90	97	104
26	54	62	69	75	83	90	98	106	113
27	59	66	74	82	90	98	106	114	122
28	63	72	80	89	97	106	115	123	132
29	69	78	87	96	105	114	123	133	142
30	73	83	92	102	111	122	132	142	152

International \$225 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$250 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	3	3	3	4	4	4	4	5	5
7	3	4	4	5	5	5	6	6	8
8	4	5	5	6	6	8	9	9	10
9	5	6	8	8	9	10	11	11	13
10	8	9	9	10	11	13	14	15	16
11	9	10	11	13	14	16	18	19	20
12	11	13	14	16	18	19	21	23	24
13	14	15	18	19	21	23	25	26	29
14	16	18	20	23	25	26	29	31	34
15	19	21	24	26	29	31	34	36	40
16	21	24	28	30	33	36	39	43	45
17	24	28	31	34	38	41	45	48	51
18	28	31	35	39	43	46	50	54	58
19	31	35	39	44	48	51	56	61	65
20	34	39	44	49	53	58	63	68	73
21	39	44	49	54	59	64	70	75	80
22	43	48	54	59	65	71	76	83	89
23	46	53	59	65	71	78	84	90	98
24	51	58	64	71	78	85	93	99	106
25	55	63	70	78	85	93	100	108	115
26	60	69	76	84	93	100	109	118	125
27	65	74	83	91	100	109	118	126	135
28	70	80	89	99	108	118	128	136	146
29	76	86	96	106	116	126	136	148	158
30	81	93	103	114	124	135	146	158	169

International \$250 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$275 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	3	3	3	4	4	4	4	6	6
7	3	4	4	6	6	6	7	7	8
8	4	6	6	7	7	8	10	10	11
9	6	7	8	8	10	11	12	12	14
10	8	10	10	11	12	14	15	17	18
11	10	11	12	14	15	18	19	21	22
12	12	14	15	18	19	21	23	25	26
13	15	17	19	21	23	25	28	29	32
14	18	19	22	25	28	29	32	34	37
15	21	23	26	29	32	34	37	40	44
16	23	26	30	33	36	40	43	47	50
17	26	30	34	37	41	45	50	52	56
18	30	34	39	43	47	51	55	59	63
19	34	39	43	48	52	56	62	67	72
20	37	43	48	54	58	63	69	74	80
21	43	48	54	59	65	70	77	83	88
22	47	52	59	65	72	78	84	91	98
23	51	58	65	72	78	85	92	99	107
24	56	63	70	78	85	94	102	109	117
25	61	69	77	85	94	102	110	118	127
26	66	76	84	92	102	110	120	129	138
27	72	81	91	100	110	120	129	139	149
28	77	88	98	109	118	129	140	150	161
29	84	95	106	117	128	139	150	162	173
30	89	102	113	125	136	149	161	173	186

International \$275 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$300 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	3	3	3	5	5	5	5	6	6
7	3	5	5	6	6	6	8	8	9
8	5	6	6	8	8	9	11	11	12
9	6	8	9	9	11	12	14	14	15
10	9	11	11	12	14	15	17	18	20
11	11	12	14	15	17	20	21	23	24
12	14	15	17	20	21	23	26	27	29
13	17	18	21	23	26	27	30	32	35
14	20	21	24	27	30	32	35	38	41
15	23	26	29	32	35	38	41	44	48
16	26	29	33	36	39	44	47	51	54
17	29	33	38	41	45	50	54	57	62
18	33	38	42	47	51	56	60	65	69
19	38	42	47	53	57	62	68	74	78
20	41	47	53	59	63	69	75	81	87
21	47	53	59	65	71	77	84	90	96
22	51	57	65	71	78	86	92	99	107
23	56	63	71	78	86	93	101	108	117
24	62	69	77	86	93	102	111	119	128
25	66	75	84	93	102	111	120	129	138
26	72	83	92	101	111	120	131	141	150
27	78	89	99	110	120	131	141	152	162
28	84	96	107	119	129	141	153	164	176
29	92	104	116	128	140	152	164	177	189
30	98	111	123	137	149	162	176	189	203

International \$300 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values **\$350 / MBF**

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	4	4	4	5	5	5	5	7	7
7	4	5	5	7	7	7	9	9	11
8	5	7	7	9	9	11	12	12	14
9	7	9	11	11	12	14	16	16	18
10	11	12	12	14	16	18	19	21	23
11	12	14	16	18	19	23	25	26	28
12	16	18	19	23	25	26	30	32	33
13	19	21	25	26	30	32	35	37	40
14	23	25	28	32	35	37	40	44	47
15	26	30	33	37	40	44	47	51	56
16	30	33	39	42	46	51	54	60	63
17	33	39	44	47	53	58	63	67	72
18	39	44	49	54	60	65	70	75	81
19	44	49	54	61	67	72	79	86	91
20	47	54	61	68	74	81	88	95	102
21	54	61	68	75	82	89	98	105	112
22	60	67	75	82	91	100	107	116	124
23	65	74	82	91	100	109	117	126	137
24	72	81	89	100	109	119	130	138	149
25	77	88	98	109	119	130	140	151	161
26	84	96	107	117	130	140	152	165	175
27	91	103	116	128	140	152	165	177	189
28	98	112	124	138	151	165	179	191	205
29	107	121	135	149	163	177	191	207	221
30	114	130	144	159	173	189	205	221	236

International \$350 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$400 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	4	4	4	6	6	6	6	8	8
7	4	6	6	8	8	8	10	10	12
8	6	8	8	10	10	12	14	14	16
9	8	10	12	12	14	16	18	18	20
10	12	14	14	16	18	20	22	24	26
11	14	16	18	20	22	26	28	30	32
12	18	20	22	26	28	30	34	36	38
13	22	24	28	30	34	36	40	42	46
14	26	28	32	36	40	42	46	50	54
15	30	34	38	42	46	50	54	58	64
16	34	38	44	48	52	58	62	68	72
17	38	44	50	54	60	66	72	76	82
18	44	50	56	62	68	74	80	86	92
19	50	56	62	70	76	82	90	98	104
20	54	62	70	78	84	92	100	108	116
21	62	70	78	86	94	102	112	120	128
22	68	76	86	94	104	114	122	132	142
23	74	84	94	104	114	124	134	144	156
24	82	92	102	114	124	136	148	158	170
25	88	100	112	124	136	148	160	172	184
26	96	110	122	134	148	160	174	188	200
27	104	118	132	146	160	174	188	202	216
28	112	128	142	158	172	188	204	218	234
29	122	138	154	170	186	202	218	236	252
30	130	148	164	182	198	216	234	252	270

International

\$400 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values **\$450 / MBF**

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	5	5	5	7	7	7	7	9	9
7	5	7	7	9	9	9	11	11	14
8	7	9	9	11	11	14	16	16	18
9	9	11	14	14	16	18	20	20	23
10	14	16	16	18	20	23	25	27	29
11	16	18	20	23	25	29	32	34	36
12	20	23	25	29	32	34	38	41	43
13	25	27	32	34	38	41	45	47	52
14	29	32	36	41	45	47	52	56	61
15	34	38	43	47	52	56	61	65	72
16	38	43	50	54	59	65	70	77	81
17	43	50	56	61	68	74	81	86	92
18	50	56	63	70	77	83	90	97	104
19	56	63	70	79	86	92	101	110	117
20	61	70	79	88	95	104	113	122	131
21	70	79	88	97	106	115	126	135	144
22	77	86	97	106	117	128	137	149	160
23	83	95	106	117	128	140	151	162	176
24	92	104	115	128	140	153	167	178	191
25	99	113	126	140	153	167	180	194	207
26	108	124	137	151	167	180	196	212	225
27	117	133	149	164	180	196	212	227	243
28	126	144	160	178	194	212	230	245	263
29	137	155	173	191	209	227	245	266	284
30	146	167	185	205	223	243	263	284	304

International \$450 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$500 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	5	5	5	8	8	8	8	10	10
7	5	8	8	10	10	10	13	13	15
8	8	10	10	13	13	15	18	18	20
9	10	13	15	15	18	20	23	23	25
10	15	18	18	20	23	25	28	30	33
11	18	20	23	25	28	33	35	38	40
12	23	25	28	33	35	38	43	45	48
13	28	30	35	38	43	45	50	53	58
14	33	35	40	45	50	53	58	63	68
15	38	43	48	53	58	63	68	73	80
16	43	48	55	60	65	73	78	85	90
17	48	55	63	68	75	83	90	95	103
18	55	63	70	78	85	93	100	108	115
19	63	70	78	88	95	103	113	123	130
20	68	78	88	98	105	115	125	135	145
21	78	88	98	108	118	128	140	150	160
22	85	95	108	118	130	143	153	165	178
23	93	105	118	130	143	155	168	180	195
24	103	115	128	143	155	170	185	198	213
25	110	125	140	155	170	185	200	215	230
26	120	138	153	168	185	200	218	235	250
27	130	148	165	183	200	218	235	253	270
28	140	160	178	198	215	235	255	273	293
29	153	173	193	213	233	253	273	295	315
30	163	185	205	228	248	270	293	315	338

International \$500 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$550 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	6	6	6	8	8	8	8	11	11
7	6	8	8	11	11	11	14	14	17
8	8	11	11	14	14	17	19	19	22
9	11	14	17	17	19	22	25	25	28
10	17	19	19	22	25	28	30	33	36
11	19	22	25	28	30	36	39	41	44
12	25	28	30	36	39	41	47	50	52
13	30	33	39	41	47	50	55	58	63
14	36	39	44	50	55	58	63	69	74
15	41	47	52	58	63	69	74	80	88
16	47	52	61	66	72	80	85	94	99
17	52	61	69	74	83	91	99	105	113
18	61	69	77	85	94	102	110	118	127
19	69	77	85	96	105	113	124	135	143
20	74	85	96	107	116	127	138	149	160
21	85	96	107	118	129	140	154	165	176
22	94	105	118	129	143	157	168	182	195
23	102	116	129	143	157	171	184	198	215
24	113	127	140	157	171	187	204	217	234
25	121	138	154	171	187	204	220	237	253
26	132	151	168	184	204	220	239	259	275
27	143	162	182	201	220	239	259	278	297
28	154	176	195	217	237	259	281	300	322
29	168	190	212	234	256	278	300	325	347
30	179	204	226	250	272	297	322	347	371

International \$550 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$600 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	6	6	6	9	9	9	9	12	12
7	6	9	9	12	12	12	15	15	18
8	9	12	12	15	15	18	21	21	24
9	12	15	18	18	21	24	27	27	30
10	18	21	21	24	27	30	33	36	39
11	21	24	27	30	33	39	42	45	48
12	27	30	33	39	42	45	51	54	57
13	33	36	42	45	51	54	60	63	69
14	39	42	48	54	60	63	69	75	81
15	45	51	57	63	69	75	81	87	96
16	51	57	66	72	78	87	93	102	108
17	57	66	75	81	90	99	108	114	123
18	66	75	84	93	102	111	120	129	138
19	75	84	93	105	114	123	135	147	156
20	81	93	105	117	126	138	150	162	174
21	93	105	117	129	141	153	168	180	192
22	102	114	129	141	156	171	183	198	213
23	111	126	141	156	171	186	201	216	234
24	123	138	153	171	186	204	222	237	255
25	132	150	168	186	204	222	240	258	276
26	144	165	183	201	222	240	261	282	300
27	156	177	198	219	240	261	282	303	324
28	168	192	213	237	258	282	306	327	351
29	183	207	231	255	279	303	327	354	378
30	195	222	246	273	297	324	351	378	405

International \$600 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$650 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	7	7	7	10	10	10	10	13	13
7	7	10	10	13	13	13	16	16	20
8	10	13	13	16	16	20	23	23	26
9	13	16	20	20	23	26	29	29	33
10	20	23	23	26	29	33	36	39	42
11	23	26	29	33	36	42	46	49	52
12	29	33	36	42	46	49	55	59	62
13	36	39	46	49	55	59	65	68	75
14	42	46	52	59	65	68	75	81	88
15	49	55	62	68	75	81	88	94	104
16	55	62	72	78	85	94	101	111	117
17	62	72	81	88	98	107	117	124	133
18	72	81	91	101	111	120	130	140	150
19	81	91	101	114	124	133	146	159	169
20	88	101	114	127	137	150	163	176	189
21	101	114	127	140	153	166	182	195	208
22	111	124	140	153	169	185	198	215	231
23	120	137	153	169	185	202	218	234	254
24	133	150	166	185	202	221	241	257	276
25	143	163	182	202	221	241	260	280	299
26	156	179	198	218	241	260	283	306	325
27	169	192	215	237	260	283	306	328	351
28	182	208	231	257	280	306	332	354	380
29	198	224	250	276	302	328	354	384	410
30	211	241	267	296	322	351	380	410	439

International \$650 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$700 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	7	7	7	11	11	11	11	14	14
7	7	11	11	14	14	14	18	18	21
8	11	14	14	18	18	21	25	25	28
9	14	18	21	21	25	28	32	32	35
10	21	25	25	28	32	35	39	42	46
11	25	28	32	35	39	46	49	53	56
12	32	35	39	46	49	53	60	63	67
13	39	42	49	53	60	63	70	74	81
14	46	49	56	63	70	74	81	88	95
15	53	60	67	74	81	88	95	102	112
16	60	67	77	84	91	102	109	119	126
17	67	77	88	95	105	116	126	133	144
18	77	88	98	109	119	130	140	151	161
19	88	98	109	123	133	144	158	172	182
20	95	109	123	137	147	161	175	189	203
21	109	123	137	151	165	179	196	210	224
22	119	133	151	165	182	200	214	231	249
23	130	147	165	182	200	217	235	252	273
24	144	161	179	200	217	238	259	277	298
25	154	175	196	217	238	259	280	301	322
26	168	193	214	235	259	280	305	329	350
27	182	207	231	256	280	305	329	354	378
28	196	224	249	277	301	329	357	382	410
29	214	242	270	298	326	354	382	413	441
30	228	259	287	319	347	378	410	441	473

International \$700 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$750 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	8	8	8	11	11	11	11	15	15
7	8	11	11	15	15	15	19	19	23
8	11	15	15	19	19	23	26	26	30
9	15	19	23	23	26	30	34	34	38
10	23	26	26	30	34	38	41	45	49
11	26	30	34	38	41	49	53	56	60
12	34	38	41	49	53	56	64	68	71
13	41	45	53	56	64	68	75	79	86
14	49	53	60	68	75	79	86	94	101
15	56	64	71	79	86	94	101	109	120
16	64	71	83	90	98	109	116	128	135
17	71	83	94	101	113	124	135	143	154
18	83	94	105	116	128	139	150	161	173
19	94	105	116	131	143	154	169	184	195
20	101	116	131	146	158	173	188	203	218
21	116	131	146	161	176	191	210	225	240
22	128	143	161	176	195	214	229	248	266
23	139	158	176	195	214	233	251	270	293
24	154	173	191	214	233	255	278	296	319
25	165	188	210	233	255	278	300	323	345
26	180	206	229	251	278	300	326	353	375
27	195	221	248	274	300	326	353	379	405
28	210	240	266	296	323	353	383	409	439
29	229	259	289	319	349	379	409	443	473
30	244	278	308	341	371	405	439	473	506

International \$750 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$800 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	8	8	8	12	12	12	12	16	16
7	8	12	12	16	16	16	20	20	24
8	12	16	16	20	20	24	28	28	32
9	16	20	24	24	28	32	36	36	40
10	24	28	28	32	36	40	44	48	52
11	28	32	36	40	44	52	56	60	64
12	36	40	44	52	56	60	68	72	76
13	44	48	56	60	68	72	80	84	92
14	52	56	64	72	80	84	92	100	108
15	60	68	76	84	92	100	108	116	128
16	68	76	88	96	104	116	124	136	144
17	76	88	100	108	120	132	144	152	164
18	88	100	112	124	136	148	160	172	184
19	100	112	124	140	152	164	180	196	208
20	108	124	140	156	168	184	200	216	232
21	124	140	156	172	188	204	224	240	256
22	136	152	172	188	208	228	244	264	284
23	148	168	188	208	228	248	268	288	312
24	164	184	204	228	248	272	296	316	340
25	176	200	224	248	272	296	320	344	368
26	192	220	244	268	296	320	348	376	400
27	208	236	264	292	320	348	376	404	432
28	224	256	284	316	344	376	408	436	468
29	244	276	308	340	372	404	436	472	504
30	260	296	328	364	396	432	468	504	540

International \$800 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values **\$850 / MBF**

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	9	9	9	13	13	13	13	17	17
7	9	13	13	17	17	17	21	21	26
8	13	17	17	21	21	26	30	30	34
9	17	21	26	26	30	34	38	38	43
10	26	30	30	34	38	43	47	51	55
11	30	34	38	43	47	55	60	64	68
12	38	43	47	55	60	64	72	77	81
13	47	51	60	64	72	77	85	89	98
14	55	60	68	77	85	89	98	106	115
15	64	72	81	89	98	106	115	123	136
16	72	81	94	102	111	123	132	145	153
17	81	94	106	115	128	140	153	162	174
18	94	106	119	132	145	157	170	183	196
19	106	119	132	149	162	174	191	208	221
20	115	132	149	166	179	196	213	230	247
21	132	149	166	183	200	217	238	255	272
22	145	162	183	200	221	242	259	281	302
23	157	179	200	221	242	264	285	306	332
24	174	196	217	242	264	289	315	336	361
25	187	213	238	264	289	315	340	366	391
26	204	234	259	285	315	340	370	400	425
27	221	251	281	310	340	370	400	429	459
28	238	272	302	336	366	400	434	463	497
29	259	293	327	361	395	429	463	502	536
30	276	315	349	387	421	459	497	536	574

International \$850 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$900 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	9	9	9	14	14	14	14	18	18
7	9	14	14	18	18	18	23	23	27
8	14	18	18	23	23	27	32	32	36
9	18	23	27	27	32	36	41	41	45
10	27	32	32	36	41	45	50	54	59
11	32	36	41	45	50	59	63	68	72
12	41	45	50	59	63	68	77	81	86
13	50	54	63	68	77	81	90	95	104
14	59	63	72	81	90	95	104	113	122
15	68	77	86	95	104	113	122	131	144
16	77	86	99	108	117	131	140	153	162
17	86	99	113	122	135	149	162	171	185
18	99	113	126	140	153	167	180	194	207
19	113	126	140	158	171	185	203	221	234
20	122	140	158	176	189	207	225	243	261
21	140	158	176	194	212	230	252	270	288
22	153	171	194	212	234	257	275	297	320
23	167	189	212	234	257	279	302	324	351
24	185	207	230	257	279	306	333	356	383
25	198	225	252	279	306	333	360	387	414
26	216	248	275	302	333	360	392	423	450
27	234	266	297	329	360	392	423	455	486
28	252	288	320	356	387	423	459	491	527
29	275	311	347	383	419	455	491	531	567
30	293	333	369	410	446	486	527	567	608

International \$900 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$950 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	10	10	10	14	14	14	14	19	19
7	10	14	14	19	19	19	24	24	29
8	14	19	19	24	24	29	33	33	38
9	19	24	29	29	33	38	43	43	48
10	29	33	33	38	43	48	52	57	62
11	33	38	43	48	52	62	67	71	76
12	43	48	52	62	67	71	81	86	90
13	52	57	67	71	81	86	95	100	109
14	62	67	76	86	95	100	109	119	128
15	71	81	90	100	109	119	128	138	152
16	81	90	105	114	124	138	147	162	171
17	90	105	119	128	143	157	171	181	195
18	105	119	133	147	162	176	190	204	219
19	119	133	147	166	181	195	214	233	247
20	128	147	166	185	200	219	238	257	276
21	147	166	185	204	223	242	266	285	304
22	162	181	204	223	247	271	290	314	337
23	176	200	223	247	271	295	318	342	371
24	195	219	242	271	295	323	352	375	404
25	209	238	266	295	323	352	380	409	437
26	228	261	290	318	352	380	413	447	475
27	247	280	314	347	380	413	447	480	513
28	266	304	337	375	409	447	485	518	556
29	290	328	366	404	442	480	518	561	599
30	309	352	390	432	470	513	556	599	641

International \$950 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$1,000 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	10	10	10	15	15	15	15	20	20
7	10	15	15	20	20	20	25	25	30
8	15	20	20	25	25	30	35	35	40
9	20	25	30	30	35	40	45	45	50
10	30	35	35	40	45	50	55	60	65
11	35	40	45	50	55	65	70	75	80
12	45	50	55	65	70	75	85	90	95
13	55	60	70	75	85	90	100	105	115
14	65	70	80	90	100	105	115	125	135
15	75	85	95	105	115	125	135	145	160
16	85	95	110	120	130	145	155	170	180
17	95	110	125	135	150	165	180	190	205
18	110	125	140	155	170	185	200	215	230
19	125	140	155	175	190	205	225	245	260
20	135	155	175	195	210	230	250	270	290
21	155	175	195	215	235	255	280	300	320
22	170	190	215	235	260	285	305	330	355
23	185	210	235	260	285	310	335	360	390
24	205	230	255	285	310	340	370	395	425
25	220	250	280	310	340	370	400	430	460
26	240	275	305	335	370	400	435	470	500
27	260	295	330	365	400	435	470	505	540
28	280	320	355	395	430	470	510	545	585
29	305	345	385	425	465	505	545	590	630
30	325	370	410	455	495	540	585	630	675

International \$1,000 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$1,100 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	11	11	11	17	17	17	17	22	22
7	11	17	17	22	22	22	28	28	33
8	17	22	22	28	28	33	39	39	44
9	22	28	33	33	39	44	50	50	55
10	33	39	39	44	50	55	61	66	72
11	39	44	50	55	61	72	77	83	88
12	50	55	61	72	77	83	94	99	105
13	61	66	77	83	94	99	110	116	127
14	72	77	88	99	110	116	127	138	149
15	83	94	105	116	127	138	149	160	176
16	94	105	121	132	143	160	171	187	198
17	105	121	138	149	165	182	198	209	226
18	121	138	154	171	187	204	220	237	253
19	138	154	171	193	209	226	248	270	286
20	149	171	193	215	231	253	275	297	319
21	171	193	215	237	259	281	308	330	352
22	187	209	237	259	286	314	336	363	391
23	204	231	259	286	314	341	369	396	429
24	226	253	281	314	341	374	407	435	468
25	242	275	308	341	374	407	440	473	506
26	264	303	336	369	407	440	479	517	550
27	286	325	363	402	440	479	517	556	594
28	308	352	391	435	473	517	561	600	644
29	336	380	424	468	512	556	600	649	693
30	358	407	451	501	545	594	644	693	743

International \$1,100 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$1,200 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	12	12	12	18	18	18	18	24	24
7	12	18	18	24	24	24	30	30	36
8	18	24	24	30	30	36	42	42	48
9	24	30	36	36	42	48	54	54	60
10	36	42	42	48	54	60	66	72	78
11	42	48	54	60	66	78	84	90	96
12	54	60	66	78	84	90	102	108	114
13	66	72	84	90	102	108	120	126	138
14	78	84	96	108	120	126	138	150	162
15	90	102	114	126	138	150	162	174	192
16	102	114	132	144	156	174	186	204	216
17	114	132	150	162	180	198	216	228	246
18	132	150	168	186	204	222	240	258	276
19	150	168	186	210	228	246	270	294	312
20	162	186	210	234	252	276	300	324	348
21	186	210	234	258	282	306	336	360	384
22	204	228	258	282	312	342	366	396	426
23	222	252	282	312	342	372	402	432	468
24	246	276	306	342	372	408	444	474	510
25	264	300	336	372	408	444	480	516	552
26	288	330	366	402	444	480	522	564	600
27	312	354	396	438	480	522	564	606	648
28	336	384	426	474	516	564	612	654	702
29	366	414	462	510	558	606	654	708	756
30	390	444	492	546	594	648	702	756	810

International \$1,200 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$1,300 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	13	13	13	20	20	20	20	26	26
7	13	20	20	26	26	26	33	33	39
8	20	26	26	33	33	39	46	46	52
9	26	33	39	39	46	52	59	59	65
10	39	46	46	52	59	65	72	78	85
11	46	52	59	65	72	85	91	98	104
12	59	65	72	85	91	98	111	117	124
13	72	78	91	98	111	117	130	137	150
14	85	91	104	117	130	137	150	163	176
15	98	111	124	137	150	163	176	189	208
16	111	124	143	156	169	189	202	221	234
17	124	143	163	176	195	215	234	247	267
18	143	163	182	202	221	241	260	280	299
19	163	182	202	228	247	267	293	319	338
20	176	202	228	254	273	299	325	351	377
21	202	228	254	280	306	332	364	390	416
22	221	247	280	306	338	371	397	429	462
23	241	273	306	338	371	403	436	468	507
24	267	299	332	371	403	442	481	514	553
25	286	325	364	403	442	481	520	559	598
26	312	358	397	436	481	520	566	611	650
27	338	384	429	475	520	566	611	657	702
28	364	416	462	514	559	611	663	709	761
29	397	449	501	553	605	657	709	767	819
30	423	481	533	592	644	702	761	819	878

International \$1,300 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$1,400 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	14	14	14	21	21	21	21	28	28
7	14	21	21	28	28	28	35	35	42
8	21	28	28	35	35	42	49	49	56
9	28	35	42	42	49	56	63	63	70
10	42	49	49	56	63	70	77	84	91
11	49	56	63	70	77	91	98	105	112
12	63	70	77	91	98	105	119	126	133
13	77	84	98	105	119	126	140	147	161
14	91	98	112	126	140	147	161	175	189
15	105	119	133	147	161	175	189	203	224
16	119	133	154	168	182	203	217	238	252
17	133	154	175	189	210	231	252	266	287
18	154	175	196	217	238	259	280	301	322
19	175	196	217	245	266	287	315	343	364
20	189	217	245	273	294	322	350	378	406
21	217	245	273	301	329	357	392	420	448
22	238	266	301	329	364	399	427	462	497
23	259	294	329	364	399	434	469	504	546
24	287	322	357	399	434	476	518	553	595
25	308	350	392	434	476	518	560	602	644
26	336	385	427	469	518	560	609	658	700
27	364	413	462	511	560	609	658	707	756
28	392	448	497	553	602	658	714	763	819
29	427	483	539	595	651	707	763	826	882
30	455	518	574	637	693	756	819	882	945

International \$1,400 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$1,500 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	15	15	15	23	23	23	23	30	30
7	15	23	23	30	30	30	38	38	45
8	23	30	30	38	38	45	53	53	60
9	30	38	45	45	53	60	68	68	75
10	45	53	53	60	68	75	83	90	98
11	53	60	68	75	83	98	105	113	120
12	68	75	83	98	105	113	128	135	143
13	83	90	105	113	128	135	150	158	173
14	98	105	120	135	150	158	173	188	203
15	113	128	143	158	173	188	203	218	240
16	128	143	165	180	195	218	233	255	270
17	143	165	188	203	225	248	270	285	308
18	165	188	210	233	255	278	300	323	345
19	188	210	233	263	285	308	338	368	390
20	203	233	263	293	315	345	375	405	435
21	233	263	293	323	353	383	420	450	480
22	255	285	323	353	390	428	458	495	533
23	278	315	353	390	428	465	503	540	585
24	308	345	383	428	465	510	555	593	638
25	330	375	420	465	510	555	600	645	690
26	360	413	458	503	555	600	653	705	750
27	390	443	495	548	600	653	705	758	810
28	420	480	533	593	645	705	765	818	878
29	458	518	578	638	698	758	818	885	945
30	488	555	615	683	743	810	878	945	1013

International \$1,500 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$1,600 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	16	16	16	24	24	24	24	32	32
7	16	24	24	32	32	32	40	40	48
8	24	32	32	40	40	48	56	56	64
9	32	40	48	48	56	64	72	72	80
10	48	56	56	64	72	80	88	96	104
11	56	64	72	80	88	104	112	120	128
12	72	80	88	104	112	120	136	144	152
13	88	96	112	120	136	144	160	168	184
14	104	112	128	144	160	168	184	200	216
15	120	136	152	168	184	200	216	232	256
16	136	152	176	192	208	232	248	272	288
17	152	176	200	216	240	264	288	304	328
18	176	200	224	248	272	296	320	344	368
19	200	224	248	280	304	328	360	392	416
20	216	248	280	312	336	368	400	432	464
21	248	280	312	344	376	408	448	480	512
22	272	304	344	376	416	456	488	528	568
23	296	336	376	416	456	496	536	576	624
24	328	368	408	456	496	544	592	632	680
25	352	400	448	496	544	592	640	688	736
26	384	440	488	536	592	640	696	752	800
27	416	472	528	584	640	696	752	808	864
28	448	512	568	632	688	752	816	872	936
29	488	552	616	680	744	808	872	944	1008
30	520	592	656	728	792	864	936	1008	1080

International \$1,600 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$1,700 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	17	17	17	26	26	26	26	34	34
7	17	26	26	34	34	34	43	43	51
8	26	34	34	43	43	51	60	60	68
9	34	43	51	51	60	68	77	77	85
10	51	60	60	68	77	85	94	102	111
11	60	68	77	85	94	111	119	128	136
12	77	85	94	111	119	128	145	153	162
13	94	102	119	128	145	153	170	179	196
14	111	119	136	153	170	179	196	213	230
15	128	145	162	179	196	213	230	247	272
16	145	162	187	204	221	247	264	289	306
17	162	187	213	230	255	281	306	323	349
18	187	213	238	264	289	315	340	366	391
19	213	238	264	298	323	349	383	417	442
20	230	264	298	332	357	391	425	459	493
21	264	298	332	366	400	434	476	510	544
22	289	323	366	400	442	485	519	561	604
23	315	357	400	442	485	527	570	612	663
24	349	391	434	485	527	578	629	672	723
25	374	425	476	527	578	629	680	731	782
26	408	468	519	570	629	680	740	799	850
27	442	502	561	621	680	740	799	859	918
28	476	544	604	672	731	799	867	927	995
29	519	587	655	723	791	859	927	1003	1071
30	553	629	697	774	842	918	995	1071	1148

International \$1,700 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$1,800 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	18	18	18	27	27	27	27	36	36
7	18	27	27	36	36	36	45	45	54
8	27	36	36	45	45	54	63	63	72
9	36	45	54	54	63	72	81	81	90
10	54	63	63	72	81	90	99	108	117
11	63	72	81	90	99	117	126	135	144
12	81	90	99	117	126	135	153	162	171
13	99	108	126	135	153	162	180	189	207
14	117	126	144	162	180	189	207	225	243
15	135	153	171	189	207	225	243	261	288
16	153	171	198	216	234	261	279	306	324
17	171	198	225	243	270	297	324	342	369
18	198	225	252	279	306	333	360	387	414
19	225	252	279	315	342	369	405	441	468
20	243	279	315	351	378	414	450	486	522
21	279	315	351	387	423	459	504	540	576
22	306	342	387	423	468	513	549	594	639
23	333	378	423	468	513	558	603	648	702
24	369	414	459	513	558	612	666	711	765
25	396	450	504	558	612	666	720	774	828
26	432	495	549	603	666	720	783	846	900
27	468	531	594	657	720	783	846	909	972
28	504	576	639	711	774	846	918	981	1053
29	549	621	693	765	837	909	981	1062	1134
30	585	666	738	819	891	972	1053	1134	1215

International \$1,800 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$1,900 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	19	19	19	29	29	29	29	38	38
7	19	29	29	38	38	38	48	48	57
8	29	38	38	48	48	57	67	67	76
9	38	48	57	57	67	76	86	86	95
10	57	67	67	76	86	95	105	114	124
11	67	76	86	95	105	124	133	143	152
12	86	95	105	124	133	143	162	171	181
13	105	114	133	143	162	171	190	200	219
14	124	133	152	171	190	200	219	238	257
15	143	162	181	200	219	238	257	276	304
16	162	181	209	228	247	276	295	323	342
17	181	209	238	257	285	314	342	361	390
18	209	238	266	295	323	352	380	409	437
19	238	266	295	333	361	390	428	466	494
20	257	295	333	371	399	437	475	513	551
21	295	333	371	409	447	485	532	570	608
22	323	361	409	447	494	542	580	627	675
23	352	399	447	494	542	589	637	684	741
24	390	437	485	542	589	646	703	751	808
25	418	475	532	589	646	703	760	817	874
26	456	523	580	637	703	760	827	893	950
27	494	561	627	694	760	827	893	960	1026
28	532	608	675	751	817	893	969	1036	1112
29	580	656	732	808	884	960	1036	1121	1197
30	618	703	779	865	941	1026	1112	1197	1283

International \$1,900 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$2,000 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	20	20	20	30	30	30	30	40	40
7	20	30	30	40	40	40	50	50	60
8	30	40	40	50	50	60	70	70	80
9	40	50	60	60	70	80	90	90	100
10	60	70	70	80	90	100	110	120	130
11	70	80	90	100	110	130	140	150	160
12	90	100	110	130	140	150	170	180	190
13	110	120	140	150	170	180	200	210	230
14	130	140	160	180	200	210	230	250	270
15	150	170	190	210	230	250	270	290	320
16	170	190	220	240	260	290	310	340	360
17	190	220	250	270	300	330	360	380	410
18	220	250	280	310	340	370	400	430	460
19	250	280	310	350	380	410	450	490	520
20	270	310	350	390	420	460	500	540	580
21	310	350	390	430	470	510	560	600	640
22	340	380	430	470	520	570	610	660	710
23	370	420	470	520	570	620	670	720	780
24	410	460	510	570	620	680	740	790	850
25	440	500	560	620	680	740	800	860	920
26	480	550	610	670	740	800	870	940	1000
27	520	590	660	730	800	870	940	1010	1080
28	560	640	710	790	860	940	1020	1090	1170
29	610	690	770	850	930	1010	1090	1180	1260
30	650	740	820	910	990	1080	1170	1260	1350

International \$2,000 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$2,100 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	21	21	21	32	32	32	32	42	42
7	21	32	32	42	42	42	53	53	63
8	32	42	42	53	53	63	74	74	84
9	42	53	63	63	74	84	95	95	105
10	63	74	74	84	95	105	116	126	137
11	74	84	95	105	116	137	147	158	168
12	95	105	116	137	147	158	179	189	200
13	116	126	147	158	179	189	210	221	242
14	137	147	168	189	210	221	242	263	284
15	158	179	200	221	242	263	284	305	336
16	179	200	231	252	273	305	326	357	378
17	200	231	263	284	315	347	378	399	431
18	231	263	294	326	357	389	420	452	483
19	263	294	326	368	399	431	473	515	546
20	284	326	368	410	441	483	525	567	609
21	326	368	410	452	494	536	588	630	672
22	357	399	452	494	546	599	641	693	746
23	389	441	494	546	599	651	704	756	819
24	431	483	536	599	651	714	777	830	893
25	462	525	588	651	714	777	840	903	966
26	504	578	641	704	777	840	914	987	1050
27	546	620	693	767	840	914	987	1061	1134
28	588	672	746	830	903	987	1071	1145	1229
29	641	725	809	893	977	1061	1145	1239	1323
30	683	777	861	956	1040	1134	1229	1323	1418

International \$2,100 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$2,200 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	22	22	22	33	33	33	33	44	44
7	22	33	33	44	44	44	55	55	66
8	33	44	44	55	55	66	77	77	88
9	44	55	66	66	77	88	99	99	110
10	66	77	77	88	99	110	121	132	143
11	77	88	99	110	121	143	154	165	176
12	99	110	121	143	154	165	187	198	209
13	121	132	154	165	187	198	220	231	253
14	143	154	176	198	220	231	253	275	297
15	165	187	209	231	253	275	297	319	352
16	187	209	242	264	286	319	341	374	396
17	209	242	275	297	330	363	396	418	451
18	242	275	308	341	374	407	440	473	506
19	275	308	341	385	418	451	495	539	572
20	297	341	385	429	462	506	550	594	638
21	341	385	429	473	517	561	616	660	704
22	374	418	473	517	572	627	671	726	781
23	407	462	517	572	627	682	737	792	858
24	451	506	561	627	682	748	814	869	935
25	484	550	616	682	748	814	880	946	1012
26	528	605	671	737	814	880	957	1034	1100
27	572	649	726	803	880	957	1034	1111	1188
28	616	704	781	869	946	1034	1122	1199	1287
29	671	759	847	935	1023	1111	1199	1298	1386
30	715	814	902	1001	1089	1188	1287	1386	1485

International \$2,200 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$2,300 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	23	23	23	35	35	35	35	46	46
7	23	35	35	46	46	46	58	58	69
8	35	46	46	58	58	69	81	81	92
9	46	58	69	69	81	92	104	104	115
10	69	81	81	92	104	115	127	138	150
11	81	92	104	115	127	150	161	173	184
12	104	115	127	150	161	173	196	207	219
13	127	138	161	173	196	207	230	242	265
14	150	161	184	207	230	242	265	288	311
15	173	196	219	242	265	288	311	334	368
16	196	219	253	276	299	334	357	391	414
17	219	253	288	311	345	380	414	437	472
18	253	288	322	357	391	426	460	495	529
19	288	322	357	403	437	472	518	564	598
20	311	357	403	449	483	529	575	621	667
21	357	403	449	495	541	587	644	690	736
22	391	437	495	541	598	656	702	759	817
23	426	483	541	598	656	713	771	828	897
24	472	529	587	656	713	782	851	909	978
25	506	575	644	713	782	851	920	989	1058
26	552	633	702	771	851	920	1001	1081	1150
27	598	679	759	840	920	1001	1081	1162	1242
28	644	736	817	909	989	1081	1173	1254	1346
29	702	794	886	978	1070	1162	1254	1357	1449
30	748	851	943	1047	1139	1242	1346	1449	1553

International \$2,300 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$2,400 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	24	24	24	36	36	36	36	48	48
7	24	36	36	48	48	48	60	60	72
8	36	48	48	60	60	72	84	84	96
9	48	60	72	72	84	96	108	108	120
10	72	84	84	96	108	120	132	144	156
11	84	96	108	120	132	156	168	180	192
12	108	120	132	156	168	180	204	216	228
13	132	144	168	180	204	216	240	252	276
14	156	168	192	216	240	252	276	300	324
15	180	204	228	252	276	300	324	348	384
16	204	228	264	288	312	348	372	408	432
17	228	264	300	324	360	396	432	456	492
18	264	300	336	372	408	444	480	516	552
19	300	336	372	420	456	492	540	588	624
20	324	372	420	468	504	552	600	648	696
21	372	420	468	516	564	612	672	720	768
22	408	456	516	564	624	684	732	792	852
23	444	504	564	624	684	744	804	864	936
24	492	552	612	684	744	816	888	948	1020
25	528	600	672	744	816	888	960	1032	1104
26	576	660	732	804	888	960	1044	1128	1200
27	624	708	792	876	960	1044	1128	1212	1296
28	672	768	852	948	1032	1128	1224	1308	1404
29	732	828	924	1020	1116	1212	1308	1416	1512
30	780	888	984	1092	1188	1296	1404	1512	1620

International \$2,400 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$2,500 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	25	25	25	38	38	38	38	50	50
7	25	38	38	50	50	50	63	63	75
8	38	50	50	63	63	75	88	88	100
9	50	63	75	75	88	100	113	113	125
10	75	88	88	100	113	125	138	150	163
11	88	100	113	125	138	163	175	188	200
12	113	125	138	163	175	188	213	225	238
13	138	150	175	188	213	225	250	263	288
14	163	175	200	225	250	263	288	313	338
15	188	213	238	263	288	313	338	363	400
16	213	238	275	300	325	363	388	425	450
17	238	275	313	338	375	413	450	475	513
18	275	313	350	388	425	463	500	538	575
19	313	350	388	438	475	513	563	613	650
20	338	388	438	488	525	575	625	675	725
21	388	438	488	538	588	638	700	750	800
22	425	475	538	588	650	713	763	825	888
23	463	525	588	650	713	775	838	900	975
24	513	575	638	713	775	850	925	988	1063
25	550	625	700	775	850	925	1000	1075	1150
26	600	688	763	838	925	1000	1088	1175	1250
27	650	738	825	913	1000	1088	1175	1263	1350
28	700	800	888	988	1075	1175	1275	1363	1463
29	763	863	963	1063	1163	1263	1363	1475	1575
30	813	925	1025	1138	1238	1350	1463	1575	1688

International \$2,500 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$2,600 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	26	26	26	39	39	39	39	52	52
7	26	39	39	52	52	52	65	65	78
8	39	52	52	65	65	78	91	91	104
9	52	65	78	78	91	104	117	117	130
10	78	91	91	104	117	130	143	156	169
11	91	104	117	130	143	169	182	195	208
12	117	130	143	169	182	195	221	234	247
13	143	156	182	195	221	234	260	273	299
14	169	182	208	234	260	273	299	325	351
15	195	221	247	273	299	325	351	377	416
16	221	247	286	312	338	377	403	442	468
17	247	286	325	351	390	429	468	494	533
18	286	325	364	403	442	481	520	559	598
19	325	364	403	455	494	533	585	637	676
20	351	403	455	507	546	598	650	702	754
21	403	455	507	559	611	663	728	780	832
22	442	494	559	611	676	741	793	858	923
23	481	546	611	676	741	806	871	936	1014
24	533	598	663	741	806	884	962	1027	1105
25	572	650	728	806	884	962	1040	1118	1196
26	624	715	793	871	962	1040	1131	1222	1300
27	676	767	858	949	1040	1131	1222	1313	1404
28	728	832	923	1027	1118	1222	1326	1417	1521
29	793	897	1001	1105	1209	1313	1417	1534	1638
30	845	962	1066	1183	1287	1404	1521	1638	1755

International \$2,600 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$2,700 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	27	27	27	41	41	41	41	54	54
7	27	41	41	54	54	54	68	68	81
8	41	54	54	68	68	81	95	95	108
9	54	68	81	81	95	108	122	122	135
10	81	95	95	108	122	135	149	162	176
11	95	108	122	135	149	176	189	203	216
12	122	135	149	176	189	203	230	243	257
13	149	162	189	203	230	243	270	284	311
14	176	189	216	243	270	284	311	338	365
15	203	230	257	284	311	338	365	392	432
16	230	257	297	324	351	392	419	459	486
17	257	297	338	365	405	446	486	513	554
18	297	338	378	419	459	500	540	581	621
19	338	378	419	473	513	554	608	662	702
20	365	419	473	527	567	621	675	729	783
21	419	473	527	581	635	689	756	810	864
22	459	513	581	635	702	770	824	891	959
23	500	567	635	702	770	837	905	972	1053
24	554	621	689	770	837	918	999	1067	1148
25	594	675	756	837	918	999	1080	1161	1242
26	648	743	824	905	999	1080	1175	1269	1350
27	702	797	891	986	1080	1175	1269	1364	1458
28	756	864	959	1067	1161	1269	1377	1472	1580
29	824	932	1040	1148	1256	1364	1472	1593	1701
30	878	999	1107	1229	1337	1458	1580	1701	1823

International \$2,700 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$2,800 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	28	28	28	42	42	42	42	56	56
7	28	42	42	56	56	56	70	70	84
8	42	56	56	70	70	84	98	98	112
9	56	70	84	84	98	112	126	126	140
10	84	98	98	112	126	140	154	168	182
11	98	112	126	140	154	182	196	210	224
12	126	140	154	182	196	210	238	252	266
13	154	168	196	210	238	252	280	294	322
14	182	196	224	252	280	294	322	350	378
15	210	238	266	294	322	350	378	406	448
16	238	266	308	336	364	406	434	476	504
17	266	308	350	378	420	462	504	532	574
18	308	350	392	434	476	518	560	602	644
19	350	392	434	490	532	574	630	686	728
20	378	434	490	546	588	644	700	756	812
21	434	490	546	602	658	714	784	840	896
22	476	532	602	658	728	798	854	924	994
23	518	588	658	728	798	868	938	1008	1092
24	574	644	714	798	868	952	1036	1106	1190
25	616	700	784	868	952	1036	1120	1204	1288
26	672	770	854	938	1036	1120	1218	1316	1400
27	728	826	924	1022	1120	1218	1316	1414	1512
28	784	896	994	1106	1204	1316	1428	1526	1638
29	854	966	1078	1190	1302	1414	1526	1652	1764
30	910	1036	1148	1274	1386	1512	1638	1764	1890

International \$2,800 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$2,900 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	29	29	29	44	44	44	44	58	58
7	29	44	44	58	58	58	73	73	87
8	44	58	58	73	73	87	102	102	116
9	58	73	87	87	102	116	131	131	145
10	87	102	102	116	131	145	160	174	189
11	102	116	131	145	160	189	203	218	232
12	131	145	160	189	203	218	247	261	276
13	160	174	203	218	247	261	290	305	334
14	189	203	232	261	290	305	334	363	392
15	218	247	276	305	334	363	392	421	464
16	247	276	319	348	377	421	450	493	522
17	276	319	363	392	435	479	522	551	595
18	319	363	406	450	493	537	580	624	667
19	363	406	450	508	551	595	653	711	754
20	392	450	508	566	609	667	725	783	841
21	450	508	566	624	682	740	812	870	928
22	493	551	624	682	754	827	885	957	1030
23	537	609	682	754	827	899	972	1044	1131
24	595	667	740	827	899	986	1073	1146	1233
25	638	725	812	899	986	1073	1160	1247	1334
26	696	798	885	972	1073	1160	1262	1363	1450
27	754	856	957	1059	1160	1262	1363	1465	1566
28	812	928	1030	1146	1247	1363	1479	1581	1697
29	885	1001	1117	1233	1349	1465	1581	1711	1827
30	943	1073	1189	1320	1436	1566	1697	1827	1958

International \$2,900 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$3,000 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	30	30	30	45	45	45	45	60	60
7	30	45	45	60	60	60	75	75	90
8	45	60	60	75	75	90	105	105	120
9	60	75	90	90	105	120	135	135	150
10	90	105	105	120	135	150	165	180	195
11	105	120	135	150	165	195	210	225	240
12	135	150	165	195	210	225	255	270	285
13	165	180	210	225	255	270	300	315	345
14	195	210	240	270	300	315	345	375	405
15	225	255	285	315	345	375	405	435	480
16	255	285	330	360	390	435	465	510	540
17	285	330	375	405	450	495	540	570	615
18	330	375	420	465	510	555	600	645	690
19	375	420	465	525	570	615	675	735	780
20	405	465	525	585	630	690	750	810	870
21	465	525	585	645	705	765	840	900	960
22	510	570	645	705	780	855	915	990	1065
23	555	630	705	780	855	930	1005	1080	1170
24	615	690	765	855	930	1020	1110	1185	1275
25	660	750	840	930	1020	1110	1200	1290	1380
26	720	825	915	1005	1110	1200	1305	1410	1500
27	780	885	990	1095	1200	1305	1410	1515	1620
28	840	960	1065	1185	1290	1410	1530	1635	1755
29	915	1035	1155	1275	1395	1515	1635	1770	1890
30	975	1110	1230	1365	1485	1620	1755	1890	2025

International \$3,000 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$3,500 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	35	35	35	53	53	53	53	70	70
7	35	53	53	70	70	70	88	88	105
8	53	70	70	88	88	105	123	123	140
9	70	88	105	105	123	140	158	158	175
10	105	123	123	140	158	175	193	210	228
11	123	140	158	175	193	228	245	263	280
12	158	175	193	228	245	263	298	315	333
13	193	210	245	263	298	315	350	368	403
14	228	245	280	315	350	368	403	438	473
15	263	298	333	368	403	438	473	508	560
16	298	333	385	420	455	508	543	595	630
17	333	385	438	473	525	578	630	665	718
18	385	438	490	543	595	648	700	753	805
19	438	490	543	613	665	718	788	858	910
20	473	543	613	683	735	805	875	945	1015
21	543	613	683	753	823	893	980	1050	1120
22	595	665	753	823	910	998	1068	1155	1243
23	648	735	823	910	998	1085	1173	1260	1365
24	718	805	893	998	1085	1190	1295	1383	1488
25	770	875	980	1085	1190	1295	1400	1505	1610
26	840	963	1068	1173	1295	1400	1523	1645	1750
27	910	1033	1155	1278	1400	1523	1645	1768	1890
28	980	1120	1243	1383	1505	1645	1785	1908	2048
29	1068	1208	1348	1488	1628	1768	1908	2065	2205
30	1138	1295	1435	1593	1733	1890	2048	2205	2363

International \$3,500 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$4,000 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	40	40	40	60	60	60	60	80	80
7	40	60	60	80	80	80	100	100	120
8	60	80	80	100	100	120	140	140	160
9	80	100	120	120	140	160	180	180	200
10	120	140	140	160	180	200	220	240	260
11	140	160	180	200	220	260	280	300	320
12	180	200	220	260	280	300	340	360	380
13	220	240	280	300	340	360	400	420	460
14	260	280	320	360	400	420	460	500	540
15	300	340	380	420	460	500	540	580	640
16	340	380	440	480	520	580	620	680	720
17	380	440	500	540	600	660	720	760	820
18	440	500	560	620	680	740	800	860	920
19	500	560	620	700	760	820	900	980	1040
20	540	620	700	780	840	920	1000	1080	1160
21	620	700	780	860	940	1020	1120	1200	1280
22	680	760	860	940	1040	1140	1220	1320	1420
23	740	840	940	1040	1140	1240	1340	1440	1560
24	820	920	1020	1140	1240	1360	1480	1580	1700
25	880	1000	1120	1240	1360	1480	1600	1720	1840
26	960	1100	1220	1340	1480	1600	1740	1880	2000
27	1040	1180	1320	1460	1600	1740	1880	2020	2160
28	1120	1280	1420	1580	1720	1880	2040	2180	2340
29	1220	1380	1540	1700	1860	2020	2180	2360	2520
30	1300	1480	1640	1820	1980	2160	2340	2520	2700

International \$4,000 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$4,500 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	45	45	45	68	68	68	68	90	90
7	45	68	68	90	90	90	113	113	135
8	68	90	90	113	113	135	158	158	180
9	90	113	135	135	158	180	203	203	225
10	135	158	158	180	203	225	248	270	293
11	158	180	203	225	248	293	315	338	360
12	203	225	248	293	315	338	383	405	428
13	248	270	315	338	383	405	450	473	518
14	293	315	360	405	450	473	518	563	608
15	338	383	428	473	518	563	608	653	720
16	383	428	495	540	585	653	698	765	810
17	428	495	563	608	675	743	810	855	923
18	495	563	630	698	765	833	900	968	1035
19	563	630	698	788	855	923	1013	1103	1170
20	608	698	788	878	945	1035	1125	1215	1305
21	698	788	878	968	1058	1148	1260	1350	1440
22	765	855	968	1058	1170	1283	1373	1485	1598
23	833	945	1058	1170	1283	1395	1508	1620	1755
24	923	1035	1148	1283	1395	1530	1665	1778	1913
25	990	1125	1260	1395	1530	1665	1800	1935	2070
26	1080	1238	1373	1508	1665	1800	1958	2115	2250
27	1170	1328	1485	1643	1800	1958	2115	2273	2430
28	1260	1440	1598	1778	1935	2115	2295	2453	2633
29	1373	1553	1733	1913	2093	2273	2453	2655	2835
30	1463	1665	1845	2048	2228	2430	2633	2835	3038

International

\$4,500 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$5,000 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	50	50	50	75	75	75	75	100	100
7	50	75	75	100	100	100	125	125	150
8	75	100	100	125	125	150	175	175	200
9	100	125	150	150	175	200	225	225	250
10	150	175	175	200	225	250	275	300	325
11	175	200	225	250	275	325	350	375	400
12	225	250	275	325	350	375	425	450	475
13	275	300	350	375	425	450	500	525	575
14	325	350	400	450	500	525	575	625	675
15	375	425	475	525	575	625	675	725	800
16	425	475	550	600	650	725	775	850	900
17	475	550	625	675	750	825	900	950	1025
18	550	625	700	775	850	925	1000	1075	1150
19	625	700	775	875	950	1025	1125	1225	1300
20	675	775	875	975	1050	1150	1250	1350	1450
21	775	875	975	1075	1175	1275	1400	1500	1600
22	850	950	1075	1175	1300	1425	1525	1650	1775
23	925	1050	1175	1300	1425	1550	1675	1800	1950
24	1025	1150	1275	1425	1550	1700	1850	1975	2125
25	1100	1250	1400	1550	1700	1850	2000	2150	2300
26	1200	1375	1525	1675	1850	2000	2175	2350	2500
27	1300	1475	1650	1825	2000	2175	2350	2525	2700
28	1400	1600	1775	1975	2150	2350	2550	2725	2925
29	1525	1725	1925	2125	2325	2525	2725	2950	3150
30	1625	1850	2050	2275	2475	2700	2925	3150	3375

International \$5,000 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$6,500 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	65	65	65	98	98	98	98	130	130
7	65	98	98	130	130	130	163	163	195
8	98	130	130	163	163	195	228	228	260
9	130	163	195	195	228	260	293	293	325
10	195	228	228	260	293	325	358	390	423
11	228	260	293	325	358	423	455	488	520
12	293	325	358	423	455	488	553	585	618
13	358	390	455	488	553	585	650	683	748
14	423	455	520	585	650	683	748	813	878
15	488	553	618	683	748	813	878	943	1040
16	553	618	715	780	845	943	1008	1105	1170
17	618	715	813	878	975	1073	1170	1235	1333
18	715	813	910	1008	1105	1203	1300	1398	1495
19	813	910	1008	1138	1235	1333	1463	1593	1690
20	878	1008	1138	1268	1365	1495	1625	1755	1885
21	1008	1138	1268	1398	1528	1658	1820	1950	2080
22	1105	1235	1398	1528	1690	1853	1983	2145	2308
23	1203	1365	1528	1690	1853	2015	2178	2340	2535
24	1333	1495	1658	1853	2015	2210	2405	2568	2763
25	1430	1625	1820	2015	2210	2405	2600	2795	2990
26	1560	1788	1983	2178	2405	2600	2828	3055	3250
27	1690	1918	2145	2373	2600	2828	3055	3283	3510
28	1820	2080	2308	2568	2795	3055	3315	3543	3803
29	1983	2243	2503	2763	3023	3283	3543	3835	4095
30	2113	2405	2665	2958	3218	3510	3803	4095	4388

International \$6,500 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$7,000 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	70	70	70	105	105	105	105	140	140
7	70	105	105	140	140	140	175	175	210
8	105	140	140	175	175	210	245	245	280
9	140	175	210	210	245	280	315	315	350
10	210	245	245	280	315	350	385	420	455
11	245	280	315	350	385	455	490	525	560
12	315	350	385	455	490	525	595	630	665
13	385	420	490	525	595	630	700	735	805
14	455	490	560	630	700	735	805	875	945
15	525	595	665	735	805	875	945	1015	1120
16	595	665	770	840	910	1015	1085	1190	1260
17	665	770	875	945	1050	1155	1260	1330	1435
18	770	875	980	1085	1190	1295	1400	1505	1610
19	875	980	1085	1225	1330	1435	1575	1715	1820
20	945	1085	1225	1365	1470	1610	1750	1890	2030
21	1085	1225	1365	1505	1645	1785	1960	2100	2240
22	1190	1330	1505	1645	1820	1995	2135	2310	2485
23	1295	1470	1645	1820	1995	2170	2345	2520	2730
24	1435	1610	1785	1995	2170	2380	2590	2765	2975
25	1540	1750	1960	2170	2380	2590	2800	3010	3220
26	1680	1925	2135	2345	2590	2800	3045	3290	3500
27	1820	2065	2310	2555	2800	3045	3290	3535	3780
28	1960	2240	2485	2765	3010	3290	3570	3815	4095
29	2135	2415	2695	2975	3255	3535	3815	4130	4410
30	2275	2590	2870	3185	3465	3780	4095	4410	4725

International \$7,000 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$7,500 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	75	75	75	113	113	113	113	150	150
7	75	113	113	150	150	150	188	188	225
8	113	150	150	188	188	225	263	263	300
9	150	188	225	225	263	300	338	338	375
10	225	263	263	300	338	375	413	450	488
11	263	300	338	375	413	488	525	563	600
12	338	375	413	488	525	563	638	675	713
13	413	450	525	563	638	675	750	788	863
14	488	525	600	675	750	788	863	938	1013
15	563	638	713	788	863	938	1013	1088	1200
16	638	713	825	900	975	1088	1163	1275	1350
17	713	825	938	1013	1125	1238	1350	1425	1538
18	825	938	1050	1163	1275	1388	1500	1613	1725
19	938	1050	1163	1313	1425	1538	1688	1838	1950
20	1013	1163	1313	1463	1575	1725	1875	2025	2175
21	1163	1313	1463	1613	1763	1913	2100	2250	2400
22	1275	1425	1613	1763	1950	2138	2288	2475	2663
23	1388	1575	1763	1950	2138	2325	2513	2700	2925
24	1538	1725	1913	2138	2325	2550	2775	2963	3188
25	1650	1875	2100	2325	2550	2775	3000	3225	3450
26	1800	2063	2288	2513	2775	3000	3263	3525	3750
27	1950	2213	2475	2738	3000	3263	3525	3788	4050
28	2100	2400	2663	2963	3225	3525	3825	4088	4388
29	2288	2588	2888	3188	3488	3788	4088	4425	4725
30	2438	2775	3075	3413	3713	4050	4388	4725	5063

International \$7,500 / MBF

The Hardwood Log Desktop Reference Book

International Log Rule Values \$8,000 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	80	80	80	120	120	120	120	160	160
7	80	120	120	160	160	160	200	200	240
8	120	160	160	200	200	240	280	280	320
9	160	200	240	240	280	320	360	360	400
10	240	280	280	320	360	400	440	480	520
11	280	320	360	400	440	520	560	600	640
12	360	400	440	520	560	600	680	720	760
13	440	480	560	600	680	720	800	840	920
14	520	560	640	720	800	840	920	1000	1080
15	600	680	760	840	920	1000	1080	1160	1280
16	680	760	880	960	1040	1160	1240	1360	1440
17	760	880	1000	1080	1200	1320	1440	1520	1640
18	880	1000	1120	1240	1360	1480	1600	1720	1840
19	1000	1120	1240	1400	1520	1640	1800	1960	2080
20	1080	1240	1400	1560	1680	1840	2000	2160	2320
21	1240	1400	1560	1720	1880	2040	2240	2400	2560
22	1360	1520	1720	1880	2080	2280	2440	2640	2840
23	1480	1680	1880	2080	2280	2480	2680	2880	3120
24	1640	1840	2040	2280	2480	2720	2960	3160	3400
25	1760	2000	2240	2480	2720	2960	3200	3440	3680
26	1920	2200	2440	2680	2960	3200	3480	3760	4000
27	2080	2360	2640	2920	3200	3480	3760	4040	4320
28	2240	2560	2840	3160	3440	3760	4080	4360	4680
29	2440	2760	3080	3400	3720	4040	4360	4720	5040
30	2600	2960	3280	3640	3960	4320	4680	5040	5400

International \$8,000 / MBF

Scribner Rule

**LOG VALUE
REFERENCE TABLES**

Odd & Even Log Lengths

The Hardwood Log Desktop Reference Book

Scribner Log Rule

board feet by diameter & length

diameter	length								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	6	7	8	9	9	10	11	12	12
7	10	12	13	14	16	17	18	19	21
8	15	17	19	21	23	25	27	29	31
9	21	24	26	29	31	34	37	39	42
10	28	31	34	38	41	45	48	52	55
11	35	39	43	48	52	57	61	65	70
12	43	48	54	59	64	70	75	80	86
13	52	58	65	71	78	84	91	97	104
14	62	69	77	84	92	100	107	115	123
15	72	81	90	99	108	117	126	135	144
16	83	94	104	114	125	135	145	156	166
17	95	107	119	131	143	155	167	178	190
18	108	121	135	148	162	175	189	202	216
19	122	137	152	167	182	198	213	228	243
20	136	153	170	187	204	221	238	255	272
21	151	170	189	208	227	246	265	283	302
22	167	188	209	230	251	272	293	313	334
23	184	207	230	253	276	299	322	345	368
24	202	227	252	277	302	327	353	378	403
25	220	247	275	302	330	357	385	412	440
26	239	269	299	329	359	388	418	448	478
27	259	291	324	356	388	421	453	486	518
28	280	315	350	385	420	454	489	524	559
29	301	339	376	414	452	489	527	565	602
30	324	364	404	445	485	526	566	607	647

The Hardwood Log Desktop Reference Book

Scribner Log Rule Values

\$100 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	1	1	1	1	1	1	1	1	1
7	1	1	1	1	2	2	2	2	2
8	2	2	2	2	2	3	3	3	3
9	2	2	3	3	3	3	4	4	4
10	3	3	3	4	4	5	5	5	6
11	4	4	4	5	5	6	6	7	7
12	4	5	5	6	6	7	8	8	9
13	5	6	7	7	8	8	9	10	10
14	6	7	8	8	9	10	11	12	12
15	7	8	9	10	11	12	13	14	14
16	8	9	10	11	13	14	15	16	17
17	10	11	12	13	14	16	17	18	19
18	11	12	14	15	16	18	19	20	22
19	12	14	15	17	18	20	21	23	24
20	14	15	17	19	20	22	24	26	27
21	15	17	19	21	23	25	27	28	30
22	17	19	21	23	25	27	29	31	33
23	18	21	23	25	28	30	32	35	37
24	20	23	25	28	30	33	35	38	40
25	22	25	28	30	33	36	39	41	44
26	24	27	30	33	36	39	42	45	48
27	26	29	32	36	39	42	45	49	52
28	28	32	35	39	42	45	49	52	56
29	30	34	38	41	45	49	53	57	60
30	32	36	40	45	49	53	57	61	65

Scribner

\$100 / MBF

The Hardwood Log Desktop Reference Book

Scribner Log Rule Values

\$125 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	1	1	1	1	1	1	1	2	2
7	1	2	2	2	2	2	2	2	3
8	2	2	2	3	3	3	3	4	4
9	3	3	3	4	4	4	5	5	5
10	4	4	4	5	5	6	6	7	7
11	4	5	5	6	7	7	8	8	9
12	5	6	7	7	8	9	9	10	11
13	7	7	8	9	10	11	11	12	13
14	8	9	10	11	12	13	13	14	15
15	9	10	11	12	14	15	16	17	18
16	10	12	13	14	16	17	18	20	21
17	12	13	15	16	18	19	21	22	24
18	14	15	17	19	20	22	24	25	27
19	15	17	19	21	23	25	27	29	30
20	17	19	21	23	26	28	30	32	34
21	19	21	24	26	28	31	33	35	38
22	21	24	26	29	31	34	37	39	42
23	23	26	29	32	35	37	40	43	46
24	25	28	32	35	38	41	44	47	50
25	28	31	34	38	41	45	48	52	55
26	30	34	37	41	45	49	52	56	60
27	32	36	41	45	49	53	57	61	65
28	35	39	44	48	53	57	61	66	70
29	38	42	47	52	57	61	66	71	75
30	41	46	51	56	61	66	71	76	81

Scribner

\$125 / MBF

The Hardwood Log Desktop Reference Book

Scribner Log Rule Values

\$150 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	1	1	1	1	1	2	2	2	2
7	2	2	2	2	2	3	3	3	3
8	2	3	3	3	3	4	4	4	5
9	3	4	4	4	5	5	6	6	6
10	4	5	5	6	6	7	7	8	8
11	5	6	6	7	8	9	9	10	11
12	6	7	8	9	10	11	11	12	13
13	8	9	10	11	12	13	14	15	16
14	9	10	12	13	14	15	16	17	18
15	11	12	14	15	16	18	19	20	22
16	12	14	16	17	19	20	22	23	25
17	14	16	18	20	21	23	25	27	29
18	16	18	20	22	24	26	28	30	32
19	18	21	23	25	27	30	32	34	36
20	20	23	26	28	31	33	36	38	41
21	23	26	28	31	34	37	40	42	45
22	25	28	31	35	38	41	44	47	50
23	28	31	35	38	41	45	48	52	55
24	30	34	38	42	45	49	53	57	60
25	33	37	41	45	50	54	58	62	66
26	36	40	45	49	54	58	63	67	72
27	39	44	49	53	58	63	68	73	78
28	42	47	53	58	63	68	73	79	84
29	45	51	56	62	68	73	79	85	90
30	49	55	61	67	73	79	85	91	97

Scribner

\$150 / MBF

The Hardwood Log Desktop Reference Book

Scribner Log Rule Values

\$175 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	1	1	1	2	2	2	2	2	2
7	2	2	2	2	3	3	3	3	4
8	3	3	3	4	4	4	5	5	5
9	4	4	5	5	5	6	6	7	7
10	5	5	6	7	7	8	8	9	10
11	6	7	8	8	9	10	11	11	12
12	8	8	9	10	11	12	13	14	15
13	9	10	11	12	14	15	16	17	18
14	11	12	13	15	16	18	19	20	22
15	13	14	16	17	19	20	22	24	25
16	15	16	18	20	22	24	25	27	29
17	17	19	21	23	25	27	29	31	33
18	19	21	24	26	28	31	33	35	38
19	21	24	27	29	32	35	37	40	43
20	24	27	30	33	36	39	42	45	48
21	26	30	33	36	40	43	46	50	53
22	29	33	37	40	44	48	51	55	58
23	32	36	40	44	48	52	56	60	64
24	35	40	44	48	53	57	62	66	71
25	39	43	48	53	58	62	67	72	77
26	42	47	52	58	63	68	73	78	84
27	45	51	57	62	68	74	79	85	91
28	49	55	61	67	74	79	86	92	98
29	53	59	66	72	79	86	92	99	105
30	57	64	71	78	85	92	99	106	113

Scribner

\$175 / MBF

The Hardwood Log Desktop Reference Book

Scribner Log Rule Values

\$200 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	1	1	2	2	2	2	2	2	2
7	2	2	3	3	3	3	4	4	4
8	3	3	4	4	5	5	5	6	6
9	4	5	5	6	6	7	7	8	8
10	6	6	7	8	8	9	10	10	11
11	7	8	9	10	10	11	12	13	14
12	9	10	11	12	13	14	15	16	17
13	10	12	13	14	16	17	18	19	21
14	12	14	15	17	18	20	21	23	25
15	14	16	18	20	22	23	25	27	29
16	17	19	21	23	25	27	29	31	33
17	19	21	24	26	29	31	33	36	38
18	22	24	27	30	32	35	38	40	43
19	24	27	30	33	36	40	43	46	49
20	27	31	34	37	41	44	48	51	54
21	30	34	38	42	45	49	53	57	60
22	33	38	42	46	50	54	59	63	67
23	37	41	46	51	55	60	64	69	74
24	40	45	50	55	60	65	71	76	81
25	44	49	55	60	66	71	77	82	88
26	48	54	60	66	72	78	84	90	96
27	52	58	65	71	78	84	91	97	104
28	56	63	70	77	84	91	98	105	112
29	60	68	75	83	90	98	105	113	120
30	65	73	81	89	97	105	113	121	129

Scribner

\$200 / MBF

The Hardwood Log Desktop Reference Book

Scribner Log Rule Values

\$225 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	1	2	2	2	2	2	2	3	3
7	2	3	3	3	4	4	4	4	5
8	3	4	4	5	5	6	6	7	7
9	5	5	6	7	7	8	8	9	9
10	6	7	8	9	9	10	11	12	12
11	8	9	10	11	12	13	14	15	16
12	10	11	12	13	14	16	17	18	19
13	12	13	15	16	18	19	20	22	23
14	14	16	17	19	21	23	24	26	28
15	16	18	20	22	24	26	28	30	32
16	19	21	23	26	28	30	33	35	37
17	21	24	27	29	32	35	38	40	43
18	24	27	30	33	36	39	43	45	49
19	27	31	34	38	41	45	48	51	55
20	31	34	38	42	46	50	54	57	61
21	34	38	43	47	51	55	60	64	68
22	38	42	47	52	56	61	66	70	75
23	41	47	52	57	62	67	72	78	83
24	45	51	57	62	68	74	79	85	91
25	50	56	62	68	74	80	87	93	99
26	54	61	67	74	81	87	94	101	108
27	58	65	73	80	87	95	102	109	117
28	63	71	79	87	95	102	110	118	126
29	68	76	85	93	102	110	119	127	135
30	73	82	91	100	109	118	127	137	146

Scribner

\$225 / MBF

The Hardwood Log Desktop Reference Book

Scribner Log Rule Values

\$250 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	2	2	2	2	2	3	3	3	3
7	3	3	3	4	4	4	5	5	5
8	4	4	5	5	6	6	7	7	8
9	5	6	7	7	8	9	9	10	11
10	7	8	9	10	10	11	12	13	14
11	9	10	11	12	13	14	15	16	18
12	11	12	14	15	16	18	19	20	22
13	13	15	16	18	20	21	23	24	26
14	16	17	19	21	23	25	27	29	31
15	18	20	23	25	27	29	32	34	36
16	21	24	26	29	31	34	36	39	42
17	24	27	30	33	36	39	42	45	48
18	27	30	34	37	41	44	47	51	54
19	31	34	38	42	46	50	53	57	61
20	34	38	43	47	51	55	60	64	68
21	38	43	47	52	57	62	66	71	76
22	42	47	52	58	63	68	73	78	84
23	46	52	58	63	69	75	81	86	92
24	51	57	63	69	76	82	88	95	101
25	55	62	69	76	83	89	96	103	110
26	60	67	75	82	90	97	105	112	120
27	65	73	81	89	97	105	113	122	130
28	70	79	88	96	105	114	122	131	140
29	75	85	94	104	113	122	132	141	151
30	81	91	101	111	121	132	142	152	162

Scribner

\$250 / MBF

The Hardwood Log Desktop Reference Book

Scribner Log Rule Values

\$275 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	2	2	2	2	2	3	3	3	3
7	3	3	4	4	4	5	5	5	6
8	4	5	5	6	6	7	7	8	9
9	6	7	7	8	9	9	10	11	12
10	8	9	9	10	11	12	13	14	15
11	10	11	12	13	14	16	17	18	19
12	12	13	15	16	18	19	21	22	24
13	14	16	18	20	21	23	25	27	29
14	17	19	21	23	25	28	29	32	34
15	20	22	25	27	30	32	35	37	40
16	23	26	29	31	34	37	40	43	46
17	26	29	33	36	39	43	46	49	52
18	30	33	37	41	45	48	52	56	59
19	34	38	42	46	50	54	59	63	67
20	37	42	47	51	56	61	65	70	75
21	42	47	52	57	62	68	73	78	83
22	46	52	57	63	69	75	81	86	92
23	51	57	63	70	76	82	89	95	101
24	56	62	69	76	83	90	97	104	111
25	61	68	76	83	91	98	106	113	121
26	66	74	82	90	99	107	115	123	131
27	71	80	89	98	107	116	125	134	142
28	77	87	96	106	116	125	134	144	154
29	83	93	103	114	124	134	145	155	166
30	89	100	111	122	133	145	156	167	178

Scribner

\$275 / MBF

Doyle Rule

**LOG VALUE
REFERENCE TABLES**

Odd & Even Log Lengths

The Hardwood Log Desktop Reference Book

Doyle Log Rule

board feet by diameter & length

diameter	length								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	2	2	3	3	3	3	4	4	4
7	5	5	6	6	7	7	8	8	9
8	8	9	10	11	12	13	14	15	16
9	12	14	16	17	19	20	22	23	25
10	18	20	22	25	27	29	31	34	36
11	24	28	31	34	37	40	43	46	49
12	32	36	40	44	48	52	56	60	64
13	40	46	51	56	61	66	71	76	81
14	50	56	62	69	75	81	87	94	100
15	60	68	76	83	91	98	106	113	121
16	72	81	90	99	108	117	126	135	144
17	84	95	106	116	127	137	148	158	169
18	98	110	122	135	147	159	171	184	196
19	112	127	141	155	169	183	197	211	225
20	128	144	160	176	192	208	224	240	256
21	144	163	181	199	217	235	253	271	289
22	162	182	202	223	243	263	283	304	324
23	180	203	226	248	271	293	316	338	361
24	200	225	250	275	300	325	350	375	400
25	220	248	276	303	331	358	386	413	441
26	242	272	302	333	363	393	423	454	484
27	264	298	331	364	397	430	463	496	529
28	288	324	360	396	432	468	504	540	576
29	312	352	391	430	469	508	547	586	625
30	338	380	422	465	507	549	591	634	676

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$100 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	0	0	0	0	0	0	0	0	0
7	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	2	2
9	1	1	2	2	2	2	2	2	3
10	2	2	2	3	3	3	3	3	4
11	2	3	3	3	4	4	4	5	5
12	3	4	4	4	5	5	6	6	6
13	4	5	5	6	6	7	7	8	8
14	5	6	6	7	8	8	9	9	10
15	6	7	8	8	9	10	11	11	12
16	7	8	9	10	11	12	13	14	14
17	8	10	11	12	13	14	15	16	17
18	10	11	12	14	15	16	17	18	20
19	11	13	14	16	17	18	20	21	23
20	13	14	16	18	19	21	22	24	26
21	14	16	18	20	22	24	25	27	29
22	16	18	20	22	24	26	28	30	32
23	18	20	23	25	27	29	32	34	36
24	20	23	25	28	30	33	35	38	40
25	22	25	28	30	33	36	39	41	44
26	24	27	30	33	36	39	42	45	48
27	26	30	33	36	40	43	46	50	53
28	29	32	36	40	43	47	50	54	58
29	31	35	39	43	47	51	55	59	63
30	34	38	42	47	51	55	59	63	68

Doyle

\$100 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$125 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	0	0	0	0	0	0	1	1	1
7	1	1	1	1	1	1	1	1	1
8	1	1	1	1	2	2	2	2	2
9	2	2	2	2	2	3	3	3	3
10	2	3	3	3	3	4	4	4	5
11	3	4	4	4	5	5	5	6	6
12	4	5	5	6	6	7	7	8	8
13	5	6	6	7	8	8	9	10	10
14	6	7	8	9	9	10	11	12	13
15	8	9	10	10	11	12	13	14	15
16	9	10	11	12	14	15	16	17	18
17	11	12	13	15	16	17	19	20	21
18	12	14	15	17	18	20	21	23	25
19	14	16	18	19	21	23	25	26	28
20	16	18	20	22	24	26	28	30	32
21	18	20	23	25	27	29	32	34	36
22	20	23	25	28	30	33	35	38	41
23	23	25	28	31	34	37	40	42	45
24	25	28	31	34	38	41	44	47	50
25	28	31	35	38	41	45	48	52	55
26	30	34	38	42	45	49	53	57	61
27	33	37	41	46	50	54	58	62	66
28	36	41	45	50	54	59	63	68	72
29	39	44	49	54	59	64	68	73	78
30	42	48	53	58	63	69	74	79	85

Doyle

\$125 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$150 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	0	0	0	0	0	0	1	1	1
7	1	1	1	1	1	1	1	1	1
8	1	1	2	2	2	2	2	2	2
9	2	2	2	3	3	3	3	3	4
10	3	3	3	4	4	4	5	5	5
11	4	4	5	5	6	6	6	7	7
12	5	5	6	7	7	8	8	9	10
13	6	7	8	8	9	10	11	11	12
14	8	8	9	10	11	12	13	14	15
15	9	10	11	12	14	15	16	17	18
16	11	12	14	15	16	18	19	20	22
17	13	14	16	17	19	21	22	24	25
18	15	17	18	20	22	24	26	28	29
19	17	19	21	23	25	27	30	32	34
20	19	22	24	26	29	31	34	36	38
21	22	24	27	30	33	35	38	41	43
22	24	27	30	33	36	39	42	46	49
23	27	30	34	37	41	44	47	51	54
24	30	34	38	41	45	49	53	56	60
25	33	37	41	45	50	54	58	62	66
26	36	41	45	50	54	59	63	68	73
27	40	45	50	55	60	65	69	74	79
28	43	49	54	59	65	70	76	81	86
29	47	53	59	65	70	76	82	88	94
30	51	57	63	70	76	82	89	95	101

Doyle

\$150 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$175 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	0	0	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	2
8	1	2	2	2	2	2	2	3	3
9	2	2	3	3	3	4	4	4	4
10	3	4	4	4	5	5	5	6	6
11	4	5	5	6	6	7	8	8	9
12	6	6	7	8	8	9	10	11	11
13	7	8	9	10	11	12	12	13	14
14	9	10	11	12	13	14	15	16	18
15	11	12	13	15	16	17	19	20	21
16	13	14	16	17	19	20	22	24	25
17	15	17	19	20	22	24	26	28	30
18	17	19	21	24	26	28	30	32	34
19	20	22	25	27	30	32	34	37	39
20	22	25	28	31	34	36	39	42	45
21	25	29	32	35	38	41	44	47	51
22	28	32	35	39	43	46	50	53	57
23	32	36	40	43	47	51	55	59	63
24	35	39	44	48	53	57	61	66	70
25	39	43	48	53	58	63	68	72	77
26	42	48	53	58	64	69	74	79	85
27	46	52	58	64	69	75	81	87	93
28	50	57	63	69	76	82	88	95	101
29	55	62	68	75	82	89	96	103	109
30	59	67	74	81	89	96	103	111	118

Doyle

\$175 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$200 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	0	0	1	1	1	1	1	1	1
7	1	1	1	1	1	1	2	2	2
8	2	2	2	2	2	3	3	3	3
9	2	3	3	3	4	4	4	5	5
10	4	4	4	5	5	6	6	7	7
11	5	6	6	7	7	8	9	9	10
12	6	7	8	9	10	10	11	12	13
13	8	9	10	11	12	13	14	15	16
14	10	11	12	14	15	16	17	19	20
15	12	14	15	17	18	20	21	23	24
16	14	16	18	20	22	23	25	27	29
17	17	19	21	23	25	27	30	32	34
18	20	22	24	27	29	32	34	37	39
19	22	25	28	31	34	37	39	42	45
20	26	29	32	35	38	42	45	48	51
21	29	33	36	40	43	47	51	54	58
22	32	36	40	45	49	53	57	61	65
23	36	41	45	50	54	59	63	68	72
24	40	45	50	55	60	65	70	75	80
25	44	50	55	61	66	72	77	83	88
26	48	54	60	67	73	79	85	91	97
27	53	60	66	73	79	86	93	99	106
28	58	65	72	79	86	94	101	108	115
29	62	70	78	86	94	102	109	117	125
30	68	76	84	93	101	110	118	127	135

Doyle

\$200 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$225 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	0	0	1	1	1	1	1	1	1
7	1	1	1	1	2	2	2	2	2
8	2	2	2	2	3	3	3	3	4
9	3	3	4	4	4	5	5	5	6
10	4	5	5	6	6	7	7	8	8
11	5	6	7	8	8	9	10	10	11
12	7	8	9	10	11	12	13	14	14
13	9	10	11	13	14	15	16	17	18
14	11	13	14	16	17	18	20	21	23
15	14	15	17	19	20	22	24	25	27
16	16	18	20	22	24	26	28	30	32
17	19	21	24	26	29	31	33	36	38
18	22	25	27	30	33	36	38	41	44
19	25	29	32	35	38	41	44	47	51
20	29	32	36	40	43	47	50	54	58
21	32	37	41	45	49	53	57	61	65
22	36	41	45	50	55	59	64	68	73
23	41	46	51	56	61	66	71	76	81
24	45	51	56	62	68	73	79	84	90
25	50	56	62	68	74	81	87	93	99
26	54	61	68	75	82	88	95	102	109
27	59	67	74	82	89	97	104	112	119
28	65	73	81	89	97	105	113	122	130
29	70	79	88	97	106	114	123	132	141
30	76	86	95	105	114	124	133	143	152

Doyle

\$225 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$250 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	1	1	1	1	1	1	1	1	1
7	1	1	2	2	2	2	2	2	2
8	2	2	3	3	3	3	4	4	4
9	3	4	4	4	5	5	6	6	6
10	5	5	6	6	7	7	8	9	9
11	6	7	8	9	9	10	11	12	12
12	8	9	10	11	12	13	14	15	16
13	10	12	13	14	15	17	18	19	20
14	13	14	16	17	19	20	22	24	25
15	15	17	19	21	23	25	27	28	30
16	18	20	23	25	27	29	32	34	36
17	21	24	27	29	32	34	37	40	42
18	25	28	31	34	37	40	43	46	49
19	28	32	35	39	42	46	49	53	56
20	32	36	40	44	48	52	56	60	64
21	36	41	45	50	54	59	63	68	72
22	41	46	51	56	61	66	71	76	81
23	45	51	57	62	68	73	79	85	90
24	50	56	63	69	75	81	88	94	100
25	55	62	69	76	83	90	97	103	110
26	61	68	76	83	91	98	106	114	121
27	66	75	83	91	99	108	116	124	132
28	72	81	90	99	108	117	126	135	144
29	78	88	98	108	117	127	137	147	156
30	85	95	106	116	127	137	148	159	169

Doyle

\$250 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$275 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	1	1	1	1	1	1	1	1	1
7	1	1	2	2	2	2	2	2	2
8	2	2	3	3	3	4	4	4	4
9	3	4	4	5	5	6	6	6	7
10	5	6	6	7	7	8	9	9	10
11	7	8	9	9	10	11	12	13	13
12	9	10	11	12	13	14	15	17	18
13	11	13	14	15	17	18	20	21	22
14	14	15	17	19	21	22	24	26	28
15	17	19	21	23	25	27	29	31	33
16	20	22	25	27	30	32	35	37	40
17	23	26	29	32	35	38	41	43	46
18	27	30	34	37	40	44	47	51	54
19	31	35	39	43	46	50	54	58	62
20	35	40	44	48	53	57	62	66	70
21	40	45	50	55	60	65	70	75	79
22	45	50	56	61	67	72	78	84	89
23	50	56	62	68	75	81	87	93	99
24	55	62	69	76	83	89	96	103	110
25	61	68	76	83	91	98	106	114	121
26	67	75	83	92	100	108	116	125	133
27	73	82	91	100	109	118	127	136	145
28	79	89	99	109	119	129	139	149	158
29	86	97	108	118	129	140	150	161	172
30	93	105	116	128	139	151	163	174	186

Doyle

\$275 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$300 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	1	1	1	1	1	1	1	1	1
7	2	2	2	2	2	2	2	2	3
8	2	3	3	3	4	4	4	5	5
9	4	4	5	5	6	6	7	7	8
10	5	6	7	8	8	9	9	10	11
11	7	8	9	10	11	12	13	14	15
12	10	11	12	13	14	16	17	18	19
13	12	14	15	17	18	20	21	23	24
14	15	17	19	21	23	24	26	28	30
15	18	20	23	25	27	29	32	34	36
16	22	24	27	30	32	35	38	41	43
17	25	29	32	35	38	41	44	47	51
18	29	33	37	41	44	48	51	55	59
19	34	38	42	47	51	55	59	63	68
20	38	43	48	53	58	62	67	72	77
21	43	49	54	60	65	71	76	81	87
22	49	55	61	67	73	79	85	91	97
23	54	61	68	74	81	88	95	101	108
24	60	68	75	83	90	98	105	113	120
25	66	74	83	91	99	107	116	124	132
26	73	82	91	100	109	118	127	136	145
27	79	89	99	109	119	129	139	149	159
28	86	97	108	119	130	140	151	162	173
29	94	106	117	129	141	152	164	176	188
30	101	114	127	140	152	165	177	190	203

Doyle

\$300 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$350 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	1	1	1	1	1	1	1	1	1
7	2	2	2	2	2	2	3	3	3
8	3	3	4	4	4	5	5	5	6
9	4	5	6	6	7	7	8	8	9
10	6	7	8	9	9	10	11	12	13
11	8	10	11	12	13	14	15	16	17
12	11	13	14	15	17	18	20	21	22
13	14	16	18	20	21	23	25	27	28
14	18	20	22	24	26	28	30	33	35
15	21	24	27	29	32	34	37	40	42
16	25	28	32	35	38	41	44	47	50
17	29	33	37	41	44	48	52	55	59
18	34	39	43	47	51	56	60	64	69
19	39	44	49	54	59	64	69	74	79
20	45	50	56	62	67	73	78	84	90
21	50	57	63	70	76	82	89	95	101
22	57	64	71	78	85	92	99	106	113
23	63	71	79	87	95	103	111	118	126
24	70	79	88	96	105	114	123	131	140
25	77	87	97	106	116	125	135	145	154
26	85	95	106	117	127	138	148	159	169
27	92	104	116	127	139	151	162	174	185
28	101	113	126	139	151	164	176	189	202
29	109	123	137	151	164	178	191	205	219
30	118	133	148	163	177	192	207	222	237

Doyle

\$350 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$400 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	1	1	1	1	1	1	2	2	2
7	2	2	2	2	3	3	3	3	4
8	3	4	4	4	5	5	6	6	6
9	5	6	6	7	8	8	9	9	10
10	7	8	9	10	11	12	12	14	14
11	10	11	12	14	15	16	17	18	20
12	13	14	16	18	19	21	22	24	26
13	16	18	20	22	24	26	28	30	32
14	20	22	25	28	30	32	35	38	40
15	24	27	30	33	36	39	42	45	48
16	29	32	36	40	43	47	50	54	58
17	34	38	42	46	51	55	59	63	68
18	39	44	49	54	59	64	68	74	78
19	45	51	56	62	68	73	79	84	90
20	51	58	64	70	77	83	90	96	102
21	58	65	72	80	87	94	101	108	116
22	65	73	81	89	97	105	113	122	130
23	72	81	90	99	108	117	126	135	144
24	80	90	100	110	120	130	140	150	160
25	88	99	110	121	132	143	154	165	176
26	97	109	121	133	145	157	169	182	194
27	106	119	132	146	159	172	185	198	212
28	115	130	144	158	173	187	202	216	230
29	125	141	156	172	188	203	219	234	250
30	135	152	169	186	203	220	236	254	270

Doyle

\$400 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$450 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	1	1	1	1	1	1	2	2	2
7	2	2	3	3	3	3	4	4	4
8	4	4	5	5	5	6	6	7	7
9	5	6	7	8	9	9	10	10	11
10	8	9	10	11	12	13	14	15	16
11	11	13	14	15	17	18	19	21	22
12	14	16	18	20	22	23	25	27	29
13	18	21	23	25	27	30	32	34	36
14	23	25	28	31	34	36	39	42	45
15	27	31	34	37	41	44	48	51	54
16	32	36	41	45	49	53	57	61	65
17	38	43	48	52	57	62	67	71	76
18	44	50	55	61	66	72	77	83	88
19	50	57	63	70	76	82	89	95	101
20	58	65	72	79	86	94	101	108	115
21	65	73	81	90	98	106	114	122	130
22	73	82	91	100	109	118	127	137	146
23	81	91	102	112	122	132	142	152	162
24	90	101	113	124	135	146	158	169	180
25	99	112	124	136	149	161	174	186	198
26	109	122	136	150	163	177	190	204	218
27	119	134	149	164	179	194	208	223	238
28	130	146	162	178	194	211	227	243	259
29	140	158	176	194	211	229	246	264	281
30	152	171	190	209	228	247	266	285	304

Doyle

\$450 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$500 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	1	1	2	2	2	2	2	2	2
7	3	3	3	3	4	4	4	4	5
8	4	5	5	6	6	7	7	8	8
9	6	7	8	9	10	10	11	12	13
10	9	10	11	13	14	15	16	17	18
11	12	14	16	17	19	20	22	23	25
12	16	18	20	22	24	26	28	30	32
13	20	23	26	28	31	33	36	38	41
14	25	28	31	35	38	41	44	47	50
15	30	34	38	42	46	49	53	57	61
16	36	41	45	50	54	59	63	68	72
17	42	48	53	58	64	69	74	79	85
18	49	55	61	68	74	80	86	92	98
19	56	64	71	78	85	92	99	106	113
20	64	72	80	88	96	104	112	120	128
21	72	82	91	100	109	118	127	136	145
22	81	91	101	112	122	132	142	152	162
23	90	102	113	124	136	147	158	169	181
24	100	113	125	138	150	163	175	188	200
25	110	124	138	152	166	179	193	207	221
26	121	136	151	167	182	197	212	227	242
27	132	149	166	182	199	215	232	248	265
28	144	162	180	198	216	234	252	270	288
29	156	176	196	215	235	254	274	293	313
30	169	190	211	233	254	275	296	317	338

Doyle

\$500 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$550 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	1	1	2	2	2	2	2	2	2
7	3	3	3	3	4	4	4	4	5
8	4	5	6	6	7	7	8	8	9
9	7	8	9	9	10	11	12	13	14
10	10	11	12	14	15	16	17	19	20
11	13	15	17	19	20	22	24	25	27
12	18	20	22	24	26	29	31	33	35
13	22	25	28	31	34	36	39	42	45
14	28	31	34	38	41	45	48	52	55
15	33	37	42	46	50	54	58	62	67
16	40	45	50	54	59	64	69	74	79
17	46	52	58	64	70	75	81	87	93
18	54	61	67	74	81	87	94	101	108
19	62	70	78	85	93	101	108	116	124
20	70	79	88	97	106	114	123	132	141
21	79	90	100	109	119	129	139	149	159
22	89	100	111	123	134	145	156	167	178
23	99	112	124	136	149	161	174	186	199
24	110	124	138	151	165	179	193	206	220
25	121	136	152	167	182	197	212	227	243
26	133	150	166	183	200	216	233	250	266
27	145	164	182	200	218	237	255	273	291
28	158	178	198	218	238	257	277	297	317
29	172	194	215	237	258	279	301	322	344
30	186	209	232	256	279	302	325	349	372

Doyle

\$550 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$600 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	1	1	2	2	2	2	2	2	2
7	3	3	4	4	4	4	5	5	5
8	5	5	6	7	7	8	8	9	10
9	7	8	10	10	11	12	13	14	15
10	11	12	13	15	16	17	19	20	22
11	14	17	19	20	22	24	26	28	29
12	19	22	24	26	29	31	34	36	38
13	24	28	31	34	37	40	43	46	49
14	30	34	37	41	45	49	52	56	60
15	36	41	46	50	55	59	64	68	73
16	43	49	54	59	65	70	76	81	86
17	50	57	64	70	76	82	89	95	101
18	59	66	73	81	88	95	103	110	118
19	67	76	85	93	101	110	118	127	135
20	77	86	96	106	115	125	134	144	154
21	86	98	109	119	130	141	152	163	173
22	97	109	121	134	146	158	170	182	194
23	108	122	136	149	163	176	190	203	217
24	120	135	150	165	180	195	210	225	240
25	132	149	166	182	199	215	232	248	265
26	145	163	181	200	218	236	254	272	290
27	158	179	199	218	238	258	278	298	317
28	173	194	216	238	259	281	302	324	346
29	187	211	235	258	281	305	328	352	375
30	203	228	253	279	304	329	355	380	406

Doyle

\$600 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$650 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	1	1	2	2	2	2	3	3	3
7	3	3	4	4	5	5	5	5	6
8	5	6	7	7	8	8	9	10	10
9	8	9	10	11	12	13	14	15	16
10	12	13	14	16	18	19	20	22	23
11	16	18	20	22	24	26	28	30	32
12	21	23	26	29	31	34	36	39	42
13	26	30	33	36	40	43	46	49	53
14	33	36	40	45	49	53	57	61	65
15	39	44	49	54	59	64	69	73	79
16	47	53	59	64	70	76	82	88	94
17	55	62	69	75	83	89	96	103	110
18	64	72	79	88	96	103	111	120	127
19	73	83	92	101	110	119	128	137	146
20	83	94	104	114	125	135	146	156	166
21	94	106	118	129	141	153	164	176	188
22	105	118	131	145	158	171	184	198	211
23	117	132	147	161	176	190	205	220	235
24	130	146	163	179	195	211	228	244	260
25	143	161	179	197	215	233	251	268	287
26	157	177	196	216	236	255	275	295	315
27	172	194	215	237	258	280	301	322	344
28	187	211	234	257	281	304	328	351	374
29	203	229	254	280	305	330	356	381	406
30	220	247	274	302	330	357	384	412	439

Doyle

\$650 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$700 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	1	1	2	2	2	2	3	3	3
7	4	4	4	4	5	5	6	6	6
8	6	6	7	8	8	9	10	11	11
9	8	10	11	12	13	14	15	16	18
10	13	14	15	18	19	20	22	24	25
11	17	20	22	24	26	28	30	32	34
12	22	25	28	31	34	36	39	42	45
13	28	32	36	39	43	46	50	53	57
14	35	39	43	48	53	57	61	66	70
15	42	48	53	58	64	69	74	79	85
16	50	57	63	69	76	82	88	95	101
17	59	67	74	81	89	96	104	111	118
18	69	77	85	95	103	111	120	129	137
19	78	89	99	109	118	128	138	148	158
20	90	101	112	123	134	146	157	168	179
21	101	114	127	139	152	165	177	190	202
22	113	127	141	156	170	184	198	213	227
23	126	142	158	174	190	205	221	237	253
24	140	158	175	193	210	228	245	263	280
25	154	174	193	212	232	251	270	289	309
26	169	190	211	233	254	275	296	318	339
27	185	209	232	255	278	301	324	347	370
28	202	227	252	277	302	328	353	378	403
29	218	246	274	301	328	356	383	410	438
30	237	266	295	326	355	384	414	444	473

Doyle

\$700 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$750 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	2	2	2	2	2	2	3	3	3
7	4	4	5	5	5	5	6	6	7
8	6	7	8	8	9	10	11	11	12
9	9	11	12	13	14	15	17	17	19
10	14	15	17	19	20	22	23	26	27
11	18	21	23	26	28	30	32	35	37
12	24	27	30	33	36	39	42	45	48
13	30	35	38	42	46	50	53	57	61
14	38	42	47	52	56	61	65	71	75
15	45	51	57	62	68	74	80	85	91
16	54	61	68	74	81	88	95	101	108
17	63	71	80	87	95	103	111	119	127
18	74	83	92	101	110	119	128	138	147
19	84	95	106	116	127	137	148	158	169
20	96	108	120	132	144	156	168	180	192
21	108	122	136	149	163	176	190	203	217
22	122	137	152	167	182	197	212	228	243
23	135	152	170	186	203	220	237	254	271
24	150	169	188	206	225	244	263	281	300
25	165	186	207	227	248	269	290	310	331
26	182	204	227	250	272	295	317	341	363
27	198	224	248	273	298	323	347	372	397
28	216	243	270	297	324	351	378	405	432
29	234	264	293	323	352	381	410	440	469
30	254	285	317	349	380	412	443	476	507

Doyle

\$750 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$800 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	2	2	2	2	2	2	3	3	3
7	4	4	5	5	6	6	6	6	7
8	6	7	8	9	10	10	11	12	13
9	10	11	13	14	15	16	18	18	20
10	14	16	18	20	22	23	25	27	29
11	19	22	25	27	30	32	34	37	39
12	26	29	32	35	38	42	45	48	51
13	32	37	41	45	49	53	57	61	65
14	40	45	50	55	60	65	70	75	80
15	48	54	61	66	73	78	85	90	97
16	58	65	72	79	86	94	101	108	115
17	67	76	85	93	102	110	118	126	135
18	78	88	98	108	118	127	137	147	157
19	90	102	113	124	135	146	158	169	180
20	102	115	128	141	154	166	179	192	205
21	115	130	145	159	174	188	202	217	231
22	130	146	162	178	194	210	226	243	259
23	144	162	181	198	217	234	253	270	289
24	160	180	200	220	240	260	280	300	320
25	176	198	221	242	265	286	309	330	353
26	194	218	242	266	290	314	338	363	387
27	211	238	265	291	318	344	370	397	423
28	230	259	288	317	346	374	403	432	461
29	250	282	313	344	375	406	438	469	500
30	270	304	338	372	406	439	473	507	541

Doyle

\$800 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$850 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	2	2	3	3	3	3	3	3	3
7	4	4	5	5	6	6	7	7	8
8	7	8	9	9	10	11	12	13	14
9	10	12	14	14	16	17	19	20	21
10	15	17	19	21	23	25	26	29	31
11	20	24	26	29	31	34	37	39	42
12	27	31	34	37	41	44	48	51	54
13	34	39	43	48	52	56	60	65	69
14	43	48	53	59	64	69	74	80	85
15	51	58	65	71	77	83	90	96	103
16	61	69	77	84	92	99	107	115	122
17	71	81	90	99	108	116	126	134	144
18	83	94	104	115	125	135	145	156	167
19	95	108	120	132	144	156	167	179	191
20	109	122	136	150	163	177	190	204	218
21	122	139	154	169	184	200	215	230	246
22	138	155	172	190	207	224	241	258	275
23	153	173	192	211	230	249	269	287	307
24	170	191	213	234	255	276	298	319	340
25	187	211	235	258	281	304	328	351	375
26	206	231	257	283	309	334	360	386	411
27	224	253	281	309	337	366	394	422	450
28	245	275	306	337	367	398	428	459	490
29	265	299	332	366	399	432	465	498	531
30	287	323	359	395	431	467	502	539	575

Doyle

\$850 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$900 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	2	2	3	3	3	3	4	4	4
7	5	5	5	5	6	6	7	7	8
8	7	8	9	10	11	12	13	14	14
9	11	13	14	15	17	18	20	21	23
10	16	18	20	23	24	26	28	31	32
11	22	25	28	31	33	36	39	41	44
12	29	32	36	40	43	47	50	54	58
13	36	41	46	50	55	59	64	68	73
14	45	50	56	62	68	73	78	85	90
15	54	61	68	75	82	88	95	102	109
16	65	73	81	89	97	105	113	122	130
17	76	86	95	104	114	123	133	142	152
18	88	99	110	122	132	143	154	166	176
19	101	114	127	140	152	165	177	190	203
20	115	130	144	158	173	187	202	216	230
21	130	147	163	179	195	212	228	244	260
22	146	164	182	201	219	237	255	274	292
23	162	183	203	223	244	264	284	304	325
24	180	203	225	248	270	293	315	338	360
25	198	223	248	273	298	322	347	372	397
26	218	245	272	300	327	354	381	409	436
27	238	268	298	328	357	387	417	446	476
28	259	292	324	356	389	421	454	486	518
29	281	317	352	387	422	457	492	527	563
30	304	342	380	419	456	494	532	571	608

Doyle

\$900 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$950 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	2	2	3	3	3	3	4	4	4
7	5	5	6	6	7	7	8	8	9
8	8	9	10	10	11	12	13	14	15
9	11	13	15	16	18	19	21	22	24
10	17	19	21	24	26	28	29	32	34
11	23	27	29	32	35	38	41	44	47
12	30	34	38	42	46	49	53	57	61
13	38	44	48	53	58	63	67	72	77
14	48	53	59	66	71	77	83	89	95
15	57	65	72	79	86	93	101	107	115
16	68	77	86	94	103	111	120	128	137
17	80	90	101	110	121	130	141	150	161
18	93	105	116	128	140	151	162	175	186
19	106	121	134	147	161	174	187	200	214
20	122	137	152	167	182	198	213	228	243
21	137	155	172	189	206	223	240	257	275
22	154	173	192	212	231	250	269	289	308
23	171	193	215	236	257	278	300	321	343
24	190	214	238	261	285	309	333	356	380
25	209	236	262	288	314	340	367	392	419
26	230	258	287	316	345	373	402	431	460
27	251	283	314	346	377	409	440	471	503
28	274	308	342	376	410	445	479	513	547
29	296	334	371	409	446	483	520	557	594
30	321	361	401	442	482	522	561	602	642

Doyle

\$950 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$ 1,000 / MBF

lengths

diameter	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	2	2	3	3	3	3	4	4	4
7	5	5	6	6	7	7	8	8	9
8	8	9	10	11	12	13	14	15	16
9	12	14	16	17	19	20	22	23	25
10	18	20	22	25	27	29	31	34	36
11	24	28	31	34	37	40	43	46	49
12	32	36	40	44	48	52	56	60	64
13	40	46	51	56	61	66	71	76	81
14	50	56	62	69	75	81	87	94	100
15	60	68	76	83	91	98	106	113	121
16	72	81	90	99	108	117	126	135	144
17	84	95	106	116	127	137	148	158	169
18	98	110	122	135	147	159	171	184	196
19	112	127	141	155	169	183	197	211	225
20	128	144	160	176	192	208	224	240	256
21	144	163	181	199	217	235	253	271	289
22	162	182	202	223	243	263	283	304	324
23	180	203	226	248	271	293	316	338	361
24	200	225	250	275	300	325	350	375	400
25	220	248	276	303	331	358	386	413	441
26	242	272	302	333	363	393	423	454	484
27	264	298	331	364	397	430	463	496	529
28	288	324	360	396	432	468	504	540	576
29	312	352	391	430	469	508	547	586	625
30	338	380	422	465	507	549	591	634	676

Doyle

\$1,000 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$ 1,100 / MBF

lengths

diameter	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	2	2	3	3	3	3	4	4	4
7	6	6	7	7	8	8	9	9	10
8	9	10	11	12	13	14	15	17	18
9	13	15	18	19	21	22	24	25	28
10	20	22	24	28	30	32	34	37	40
11	26	31	34	37	41	44	47	51	54
12	35	40	44	48	53	57	62	66	70
13	44	51	56	62	67	73	78	84	89
14	55	62	68	76	83	89	96	103	110
15	66	75	84	91	100	108	117	124	133
16	79	89	99	109	119	129	139	149	158
17	92	105	117	128	140	151	163	174	186
18	108	121	134	149	162	175	188	202	216
19	123	140	155	171	186	201	217	232	248
20	141	158	176	194	211	229	246	264	282
21	158	179	199	219	239	259	278	298	318
22	178	200	222	245	267	289	311	334	356
23	198	223	249	273	298	322	348	372	397
24	220	248	275	303	330	358	385	413	440
25	242	273	304	333	364	394	425	454	485
26	266	299	332	366	399	432	465	499	532
27	290	328	364	400	437	473	509	546	582
28	317	356	396	436	475	515	554	594	634
29	343	387	430	473	516	559	602	645	688
30	372	418	464	512	558	604	650	697	744

Doyle

\$1,100 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$ 1,200 / MBF

lengths

diameter	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	2	2	4	4	4	4	5	5	5
7	6	6	7	7	8	8	10	10	11
8	10	11	12	13	14	16	17	18	19
9	14	17	19	20	23	24	26	28	30
10	22	24	26	30	32	35	37	41	43
11	29	34	37	41	44	48	52	55	59
12	38	43	48	53	58	62	67	72	77
13	48	55	61	67	73	79	85	91	97
14	60	67	74	83	90	97	104	113	120
15	72	82	91	100	109	118	127	136	145
16	86	97	108	119	130	140	151	162	173
17	101	114	127	139	152	164	178	190	203
18	118	132	146	162	176	191	205	221	235
19	134	152	169	186	203	220	236	253	270
20	154	173	192	211	230	250	269	288	307
21	173	196	217	239	260	282	304	325	347
22	194	218	242	268	292	316	340	365	389
23	216	244	271	298	325	352	379	406	433
24	240	270	300	330	360	390	420	450	480
25	264	298	331	364	397	430	463	496	529
26	290	326	362	400	436	472	508	545	581
27	317	358	397	437	476	516	556	595	635
28	346	389	432	475	518	562	605	648	691
29	374	422	469	516	563	610	656	703	750
30	406	456	506	558	608	659	709	761	811

Doyle

\$1,200 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$ 1,300 / MBF

lengths

diameter	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	3	3	4	4	4	4	5	5	5
7	7	7	8	8	9	9	10	10	12
8	10	12	13	14	16	17	18	20	21
9	16	18	21	22	25	26	29	30	33
10	23	26	29	33	35	38	40	44	47
11	31	36	40	44	48	52	56	60	64
12	42	47	52	57	62	68	73	78	83
13	52	60	66	73	79	86	92	99	105
14	65	73	81	90	98	105	113	122	130
15	78	88	99	108	118	127	138	147	157
16	94	105	117	129	140	152	164	176	187
17	109	124	138	151	165	178	192	205	220
18	127	143	159	176	191	207	222	239	255
19	146	165	183	202	220	238	256	274	293
20	166	187	208	229	250	270	291	312	333
21	187	212	235	259	282	306	329	352	376
22	211	237	263	290	316	342	368	395	421
23	234	264	294	322	352	381	411	439	469
24	260	293	325	358	390	423	455	488	520
25	286	322	359	394	430	465	502	537	573
26	315	354	393	433	472	511	550	590	629
27	343	387	430	473	516	559	602	645	688
28	374	421	468	515	562	608	655	702	749
29	406	458	508	559	610	660	711	762	813
30	439	494	549	605	659	714	768	824	879

Doyle

\$1,300 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$ 1,400 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	3	3	4	4	4	4	6	6	6
7	7	7	8	8	10	10	11	11	13
8	11	13	14	15	17	18	20	21	22
9	17	20	22	24	27	28	31	32	35
10	25	28	31	35	38	41	43	48	50
11	34	39	43	48	52	56	60	64	69
12	45	50	56	62	67	73	78	84	90
13	56	64	71	78	85	92	99	106	113
14	70	78	87	97	105	113	122	132	140
15	84	95	106	116	127	137	148	158	169
16	101	113	126	139	151	164	176	189	202
17	118	133	148	162	178	192	207	221	237
18	137	154	171	189	206	223	239	258	274
19	157	178	197	217	237	256	276	295	315
20	179	202	224	246	269	291	314	336	358
21	202	228	253	279	304	329	354	379	405
22	227	255	283	312	340	368	396	426	454
23	252	284	316	347	379	410	442	473	505
24	280	315	350	385	420	455	490	525	560
25	308	347	386	424	463	501	540	578	617
26	339	381	423	466	508	550	592	636	678
27	370	417	463	510	556	602	648	694	741
28	403	454	504	554	605	655	706	756	806
29	437	493	547	602	657	711	766	820	875
30	473	532	591	651	710	769	827	888	946

Doyle

\$1,400 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$ 1,500 / MBF

lengths

diameter	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	3	3	5	5	5	5	6	6	6
7	8	8	9	9	11	11	12	12	14
8	12	14	15	17	18	20	21	23	24
9	18	21	24	26	29	30	33	35	38
10	27	30	33	38	41	44	47	51	54
11	36	42	47	51	56	60	65	69	74
12	48	54	60	66	72	78	84	90	96
13	60	69	77	84	92	99	107	114	122
14	75	84	93	104	113	122	131	141	150
15	90	102	114	125	137	147	159	170	182
16	108	122	135	149	162	176	189	203	216
17	126	143	159	174	191	206	222	237	254
18	147	165	183	203	221	239	257	276	294
19	168	191	212	233	254	275	296	317	338
20	192	216	240	264	288	312	336	360	384
21	216	245	272	299	326	353	380	407	434
22	243	273	303	335	365	395	425	456	486
23	270	305	339	372	407	440	474	507	542
24	300	338	375	413	450	488	525	563	600
25	330	372	414	455	497	537	579	620	662
26	363	408	453	500	545	590	635	681	726
27	396	447	497	546	596	645	695	744	794
28	432	486	540	594	648	702	756	810	864
29	468	528	587	645	704	762	821	879	938
30	507	570	633	698	761	824	887	951	1014

Doyle

\$1,500 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$1,600 / MBF

lengths

diameter	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	3	3	5	5	5	5	6	6	6
7	8	8	10	10	11	11	13	13	14
8	13	14	16	18	19	21	22	24	26
9	19	22	26	27	30	32	35	37	40
10	29	32	35	40	43	46	50	54	58
11	38	45	50	54	59	64	69	74	78
12	51	58	64	70	77	83	90	96	102
13	64	74	82	90	98	106	114	122	130
14	80	90	99	110	120	130	139	150	160
15	96	109	122	133	146	157	170	181	194
16	115	130	144	158	173	187	202	216	230
17	134	152	170	186	203	219	237	253	270
18	157	176	195	216	235	254	274	294	314
19	179	203	226	248	270	293	315	338	360
20	205	230	256	282	307	333	358	384	410
21	230	261	290	318	347	376	405	434	462
22	259	291	323	357	389	421	453	486	518
23	288	325	362	397	434	469	506	541	578
24	320	360	400	440	480	520	560	600	640
25	352	397	442	485	530	573	618	661	706
26	387	435	483	533	581	629	677	726	774
27	422	477	530	582	635	688	741	794	846
28	461	518	576	634	691	749	806	864	922
29	499	563	626	688	750	813	875	938	1000
30	541	608	675	744	811	878	946	1014	1082

Doyle

\$1,600 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$1,700 / MBF

lengths

diameter	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	3	3	5	5	5	5	7	7	7
7	9	9	10	10	12	12	14	14	15
8	14	15	17	19	20	22	24	26	27
9	20	24	27	29	32	34	37	39	43
10	31	34	37	43	46	49	53	58	61
11	41	48	53	58	63	68	73	78	83
12	54	61	68	75	82	88	95	102	109
13	68	78	87	95	104	112	121	129	138
14	85	95	105	117	128	138	148	160	170
15	102	116	129	141	155	167	180	192	206
16	122	138	153	168	184	199	214	230	245
17	143	162	180	197	216	233	252	269	287
18	167	187	207	230	250	270	291	313	333
19	190	216	240	264	287	311	335	359	383
20	218	245	272	299	326	354	381	408	435
21	245	277	308	338	369	400	430	461	491
22	275	309	343	379	413	447	481	517	551
23	306	345	384	422	461	498	537	575	614
24	340	383	425	468	510	553	595	638	680
25	374	422	469	515	563	609	656	702	750
26	411	462	513	566	617	668	719	772	823
27	449	507	563	619	675	731	787	843	899
28	490	551	612	673	734	796	857	918	979
29	530	598	665	731	797	864	930	996	1063
30	575	646	717	791	862	933	1005	1078	1149

Doyle

\$1,700 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$1,800 / MBF

lengths

diameter	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	4	4	5	5	5	5	7	7	7
7	9	9	11	11	13	13	14	14	16
8	14	16	18	20	22	23	25	27	29
9	22	25	29	31	34	36	40	41	45
10	32	36	40	45	49	52	56	61	65
11	43	50	56	61	67	72	77	83	88
12	58	65	72	79	86	94	101	108	115
13	72	83	92	101	110	119	128	137	146
14	90	101	112	124	135	146	157	169	180
15	108	122	137	149	164	176	191	203	218
16	130	146	162	178	194	211	227	243	259
17	151	171	191	209	229	247	266	284	304
18	176	198	220	243	265	286	308	331	353
19	202	229	254	279	304	329	355	380	405
20	230	259	288	317	346	374	403	432	461
21	259	293	326	358	391	423	455	488	520
22	292	328	364	401	437	473	509	547	583
23	324	365	407	446	488	527	569	608	650
24	360	405	450	495	540	585	630	675	720
25	396	446	497	545	596	644	695	743	794
26	436	490	544	599	653	707	761	817	871
27	475	536	596	655	715	774	833	893	952
28	518	583	648	713	778	842	907	972	1037
29	562	634	704	774	844	914	985	1055	1125
30	608	684	760	837	913	988	1064	1141	1217

Doyle

\$1,800 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$1,900 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	4	4	6	6	6	6	8	8	8
7	10	10	11	11	13	13	15	15	17
8	15	17	19	21	23	25	27	29	30
9	23	27	30	32	36	38	42	44	48
10	34	38	42	48	51	55	59	65	68
11	46	53	59	65	70	76	82	87	93
12	61	68	76	84	91	99	106	114	122
13	76	87	97	106	116	125	135	144	154
14	95	106	118	131	143	154	165	179	190
15	114	129	144	158	173	186	201	215	230
16	137	154	171	188	205	222	239	257	274
17	160	181	201	220	241	260	281	300	321
18	186	209	232	257	279	302	325	350	372
19	213	241	268	295	321	348	374	401	428
20	243	274	304	334	365	395	426	456	486
21	274	310	344	378	412	447	481	515	549
22	308	346	384	424	462	500	538	578	616
23	342	386	429	471	515	557	600	642	686
24	380	428	475	523	570	618	665	713	760
25	418	471	524	576	629	680	733	785	838
26	460	517	574	633	690	747	804	863	920
27	502	566	629	692	754	817	880	942	1005
28	547	616	684	752	821	889	958	1026	1094
29	593	669	743	817	891	965	1039	1113	1188
30	642	722	802	884	963	1043	1123	1205	1284

Doyle

\$1,900 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$ 2,000 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	4	4	6	6	6	6	8	8	8
7	10	10	12	12	14	14	16	16	18
8	16	18	20	22	24	26	28	30	32
9	24	28	32	34	38	40	44	46	50
10	36	40	44	50	54	58	62	68	72
11	48	56	62	68	74	80	86	92	98
12	64	72	80	88	96	104	112	120	128
13	80	92	102	112	122	132	142	152	162
14	100	112	124	138	150	162	174	188	200
15	120	136	152	166	182	196	212	226	242
16	144	162	180	198	216	234	252	270	288
17	168	190	212	232	254	274	296	316	338
18	196	220	244	270	294	318	342	368	392
19	224	254	282	310	338	366	394	422	450
20	256	288	320	352	384	416	448	480	512
21	288	326	362	398	434	470	506	542	578
22	324	364	404	446	486	526	566	608	648
23	360	406	452	496	542	586	632	676	722
24	400	450	500	550	600	650	700	750	800
25	440	496	552	606	662	716	772	826	882
26	484	544	604	666	726	786	846	908	968
27	528	596	662	728	794	860	926	992	1058
28	576	648	720	792	864	936	1008	1080	1152
29	624	704	782	860	938	1016	1094	1172	1250
30	676	760	844	930	1014	1098	1182	1268	1352

Doyle

\$2,000 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$ 2,100 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	4	4	6	6	6	6	8	8	8
7	11	11	13	13	15	15	17	17	19
8	17	19	21	23	25	27	29	32	34
9	25	29	34	36	40	42	46	48	53
10	38	42	46	53	57	61	65	71	76
11	50	59	65	71	78	84	90	97	103
12	67	76	84	92	101	109	118	126	134
13	84	97	107	118	128	139	149	160	170
14	105	118	130	145	158	170	183	197	210
15	126	143	160	174	191	206	223	237	254
16	151	170	189	208	227	246	265	284	302
17	176	200	223	244	267	288	311	332	355
18	206	231	256	284	309	334	359	386	412
19	235	267	296	326	355	384	414	443	473
20	269	302	336	370	403	437	470	504	538
21	302	342	380	418	456	494	531	569	607
22	340	382	424	468	510	552	594	638	680
23	378	426	475	521	569	615	664	710	758
24	420	473	525	578	630	683	735	788	840
25	462	521	580	636	695	752	811	867	926
26	508	571	634	699	762	825	888	953	1016
27	554	626	695	764	834	903	972	1042	1111
28	605	680	756	832	907	983	1058	1134	1210
29	655	739	821	903	985	1067	1149	1231	1313
30	710	798	886	977	1065	1153	1241	1331	1420

Doyle

\$2,100 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$ 2,200 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	4	4	7	7	7	7	9	9	9
7	11	11	13	13	15	15	18	18	20
8	18	20	22	24	26	29	31	33	35
9	26	31	35	37	42	44	48	51	55
10	40	44	48	55	59	64	68	75	79
11	53	62	68	75	81	88	95	101	108
12	70	79	88	97	106	114	123	132	141
13	88	101	112	123	134	145	156	167	178
14	110	123	136	152	165	178	191	207	220
15	132	150	167	183	200	216	233	249	266
16	158	178	198	218	238	257	277	297	317
17	185	209	233	255	279	301	326	348	372
18	216	242	268	297	323	350	376	405	431
19	246	279	310	341	372	403	433	464	495
20	282	317	352	387	422	458	493	528	563
21	317	359	398	438	477	517	557	596	636
22	356	400	444	491	535	579	623	669	713
23	396	447	497	546	596	645	695	744	794
24	440	495	550	605	660	715	770	825	880
25	484	546	607	667	728	788	849	909	970
26	532	598	664	733	799	865	931	999	1065
27	581	656	728	801	873	946	1019	1091	1164
28	634	713	792	871	950	1030	1109	1188	1267
29	686	774	860	946	1032	1118	1203	1289	1375
30	744	836	928	1023	1115	1208	1300	1395	1487

Doyle

\$2,200 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$ 2,300 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	5	5	7	7	7	7	9	9	9
7	12	12	14	14	16	16	18	18	21
8	18	21	23	25	28	30	32	35	37
9	28	32	37	39	44	46	51	53	58
10	41	46	51	58	62	67	71	78	83
11	55	64	71	78	85	92	99	106	113
12	74	83	92	101	110	120	129	138	147
13	92	106	117	129	140	152	163	175	186
14	115	129	143	159	173	186	200	216	230
15	138	156	175	191	209	225	244	260	278
16	166	186	207	228	248	269	290	311	331
17	193	219	244	267	292	315	340	363	389
18	225	253	281	311	338	366	393	423	451
19	258	292	324	357	389	421	453	485	518
20	294	331	368	405	442	478	515	552	589
21	331	375	416	458	499	541	582	623	665
22	373	419	465	513	559	605	651	699	745
23	414	467	520	570	623	674	727	777	830
24	460	518	575	633	690	748	805	863	920
25	506	570	635	697	761	823	888	950	1014
26	557	626	695	766	835	904	973	1044	1113
27	607	685	761	837	913	989	1065	1141	1217
28	662	745	828	911	994	1076	1159	1242	1325
29	718	810	899	989	1079	1168	1258	1348	1438
30	777	874	971	1070	1166	1263	1359	1458	1555

Doyle

\$2,300 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$ 2,400 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	5	5	7	7	7	7	10	10	10
7	12	12	14	14	17	17	19	19	22
8	19	22	24	26	29	31	34	36	38
9	29	34	38	41	46	48	53	55	60
10	43	48	53	60	65	70	74	82	86
11	58	67	74	82	89	96	103	110	118
12	77	86	96	106	115	125	134	144	154
13	96	110	122	134	146	158	170	182	194
14	120	134	149	166	180	194	209	226	240
15	144	163	182	199	218	235	254	271	290
16	173	194	216	238	259	281	302	324	346
17	202	228	254	278	305	329	355	379	406
18	235	264	293	324	353	382	410	442	470
19	269	305	338	372	406	439	473	506	540
20	307	346	384	422	461	499	538	576	614
21	346	391	434	478	521	564	607	650	694
22	389	437	485	535	583	631	679	730	778
23	432	487	542	595	650	703	758	811	866
24	480	540	600	660	720	780	840	900	960
25	528	595	662	727	794	859	926	991	1058
26	581	653	725	799	871	943	1015	1090	1162
27	634	715	794	874	953	1032	1111	1190	1270
28	691	778	864	950	1037	1123	1210	1296	1382
29	749	845	938	1032	1126	1219	1313	1406	1500
30	811	912	1013	1116	1217	1318	1418	1522	1622

Doyle

\$2,400 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$ 2,500 / MBF

lengths

diameter	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	5	5	8	8	8	8	10	10	10
7	13	13	15	15	18	18	20	20	23
8	20	23	25	28	30	33	35	38	40
9	30	35	40	43	48	50	55	58	63
10	45	50	55	63	68	73	78	85	90
11	60	70	78	85	93	100	108	115	123
12	80	90	100	110	120	130	140	150	160
13	100	115	128	140	153	165	178	190	203
14	125	140	155	173	188	203	218	235	250
15	150	170	190	208	228	245	265	283	303
16	180	203	225	248	270	293	315	338	360
17	210	238	265	290	318	343	370	395	423
18	245	275	305	338	368	398	428	460	490
19	280	318	353	388	423	458	493	528	563
20	320	360	400	440	480	520	560	600	640
21	360	408	453	498	543	588	633	678	723
22	405	455	505	558	608	658	708	760	810
23	450	508	565	620	678	733	790	845	903
24	500	563	625	688	750	813	875	938	1000
25	550	620	690	758	828	895	965	1033	1103
26	605	680	755	833	908	983	1058	1135	1210
27	660	745	828	910	993	1075	1158	1240	1323
28	720	810	900	990	1080	1170	1260	1350	1440
29	780	880	978	1075	1173	1270	1368	1465	1563
30	845	950	1055	1163	1268	1373	1478	1585	1690

Doyle

\$2,500 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$ 2,600 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	5	5	8	8	8	8	10	10	10
7	13	13	16	16	18	18	21	21	23
8	21	23	26	29	31	34	36	39	42
9	31	36	42	44	49	52	57	60	65
10	47	52	57	65	70	75	81	88	94
11	62	73	81	88	96	104	112	120	127
12	83	94	104	114	125	135	146	156	166
13	104	120	133	146	159	172	185	198	211
14	130	146	161	179	195	211	226	244	260
15	156	177	198	216	237	255	276	294	315
16	187	211	234	257	281	304	328	351	374
17	218	247	276	302	330	356	385	411	439
18	255	286	317	351	382	413	445	478	510
19	291	330	367	403	439	476	512	549	585
20	333	374	416	458	499	541	582	624	666
21	374	424	471	517	564	611	658	705	751
22	421	473	525	580	632	684	736	790	842
23	468	528	588	645	705	762	822	879	939
24	520	585	650	715	780	845	910	975	1040
25	572	645	718	788	861	931	1004	1074	1147
26	629	707	785	866	944	1022	1100	1180	1258
27	686	775	861	946	1032	1118	1204	1290	1375
28	749	842	936	1030	1123	1217	1310	1404	1498
29	811	915	1017	1118	1219	1321	1422	1524	1625
30	879	988	1097	1209	1318	1427	1537	1648	1758

Doyle

\$2,600 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$ 2,700 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	5	5	8	8	8	8	11	11	11
7	14	14	16	16	19	19	22	22	24
8	22	24	27	30	32	35	38	41	43
9	32	38	43	46	51	54	59	62	68
10	49	54	59	68	73	78	84	92	97
11	65	76	84	92	100	108	116	124	132
12	86	97	108	119	130	140	151	162	173
13	108	124	138	151	165	178	192	205	219
14	135	151	167	186	203	219	235	254	270
15	162	184	205	224	246	265	286	305	327
16	194	219	243	267	292	316	340	365	389
17	227	257	286	313	343	370	400	427	456
18	265	297	329	365	397	429	462	497	529
19	302	343	381	419	456	494	532	570	608
20	346	389	432	475	518	562	605	648	691
21	389	440	489	537	586	635	683	732	780
22	437	491	545	602	656	710	764	821	875
23	486	548	610	670	732	791	853	913	975
24	540	608	675	743	810	878	945	1013	1080
25	594	670	745	818	894	967	1042	1115	1191
26	653	734	815	899	980	1061	1142	1226	1307
27	713	805	894	983	1072	1161	1250	1339	1428
28	778	875	972	1069	1166	1264	1361	1458	1555
29	842	950	1056	1161	1266	1372	1477	1582	1688
30	913	1026	1139	1256	1369	1482	1596	1712	1825

Doyle

\$2,700 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$ 2,800 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	6	6	8	8	8	8	11	11	11
7	14	14	17	17	20	20	22	22	25
8	22	25	28	31	34	36	39	42	45
9	34	39	45	48	53	56	62	64	70
10	50	56	62	70	76	81	87	95	101
11	67	78	87	95	104	112	120	129	137
12	90	101	112	123	134	146	157	168	179
13	112	129	143	157	171	185	199	213	227
14	140	157	174	193	210	227	244	263	280
15	168	190	213	232	255	274	297	316	339
16	202	227	252	277	302	328	353	378	403
17	235	266	297	325	356	384	414	442	473
18	274	308	342	378	412	445	479	515	549
19	314	356	395	434	473	512	552	591	630
20	358	403	448	493	538	582	627	672	717
21	403	456	507	557	608	658	708	759	809
22	454	510	566	624	680	736	792	851	907
23	504	568	633	694	759	820	885	946	1011
24	560	630	700	770	840	910	980	1050	1120
25	616	694	773	848	927	1002	1081	1156	1235
26	678	762	846	932	1016	1100	1184	1271	1355
27	739	834	927	1019	1112	1204	1296	1389	1481
28	806	907	1008	1109	1210	1310	1411	1512	1613
29	874	986	1095	1204	1313	1422	1532	1641	1750
30	946	1064	1182	1302	1420	1537	1655	1775	1893

Doyle

\$2,800 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$ 2,900 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	6	6	9	9	9	9	12	12	12
7	15	15	17	17	20	20	23	23	26
8	23	26	29	32	35	38	41	44	46
9	35	41	46	49	55	58	64	67	73
10	52	58	64	73	78	84	90	99	104
11	70	81	90	99	107	116	125	133	142
12	93	104	116	128	139	151	162	174	186
13	116	133	148	162	177	191	206	220	235
14	145	162	180	200	218	235	252	273	290
15	174	197	220	241	264	284	307	328	351
16	209	235	261	287	313	339	365	392	418
17	244	276	307	336	368	397	429	458	490
18	284	319	354	392	426	461	496	534	568
19	325	368	409	450	490	531	571	612	653
20	371	418	464	510	557	603	650	696	742
21	418	473	525	577	629	682	734	786	838
22	470	528	586	647	705	763	821	882	940
23	522	589	655	719	786	850	916	980	1047
24	580	653	725	798	870	943	1015	1088	1160
25	638	719	800	879	960	1038	1119	1198	1279
26	702	789	876	966	1053	1140	1227	1317	1404
27	766	864	960	1056	1151	1247	1343	1438	1534
28	835	940	1044	1148	1253	1357	1462	1566	1670
29	905	1021	1134	1247	1360	1473	1586	1699	1813
30	980	1102	1224	1349	1470	1592	1714	1839	1960

Doyle

\$2,900 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$ 3,000 / MBF

lengths

diameter	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	6	6	9	9	9	9	12	12	12
7	15	15	18	18	21	21	24	24	27
8	24	27	30	33	36	39	42	45	48
9	36	42	48	51	57	60	66	69	75
10	54	60	66	75	81	87	93	102	108
11	72	84	93	102	111	120	129	138	147
12	96	108	120	132	144	156	168	180	192
13	120	138	153	168	183	198	213	228	243
14	150	168	186	207	225	243	261	282	300
15	180	204	228	249	273	294	318	339	363
16	216	243	270	297	324	351	378	405	432
17	252	285	318	348	381	411	444	474	507
18	294	330	366	405	441	477	513	552	588
19	336	381	423	465	507	549	591	633	675
20	384	432	480	528	576	624	672	720	768
21	432	489	543	597	651	705	759	813	867
22	486	546	606	669	729	789	849	912	972
23	540	609	678	744	813	879	948	1014	1083
24	600	675	750	825	900	975	1050	1125	1200
25	660	744	828	909	993	1074	1158	1239	1323
26	726	816	906	999	1089	1179	1269	1362	1452
27	792	894	993	1092	1191	1290	1389	1488	1587
28	864	972	1080	1188	1296	1404	1512	1620	1728
29	936	1056	1173	1290	1407	1524	1641	1758	1875
30	1014	1140	1266	1395	1521	1647	1773	1902	2028

Doyle

\$3,000 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$ 3,500 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	7	7	11	11	11	11	14	14	14
7	18	18	21	21	25	25	28	28	32
8	28	32	35	39	42	46	49	53	56
9	42	49	56	60	67	70	77	81	88
10	63	70	77	88	95	102	109	119	126
11	84	98	109	119	130	140	151	161	172
12	112	126	140	154	168	182	196	210	224
13	140	161	179	196	214	231	249	266	284
14	175	196	217	242	263	284	305	329	350
15	210	238	266	291	319	343	371	396	424
16	252	284	315	347	378	410	441	473	504
17	294	333	371	406	445	480	518	553	592
18	343	385	427	473	515	557	599	644	686
19	392	445	494	543	592	641	690	739	788
20	448	504	560	616	672	728	784	840	896
21	504	571	634	697	760	823	886	949	1012
22	567	637	707	781	851	921	991	1064	1134
23	630	711	791	868	949	1026	1106	1183	1264
24	700	788	875	963	1050	1138	1225	1313	1400
25	770	868	966	1061	1159	1253	1351	1446	1544
26	847	952	1057	1166	1271	1376	1481	1589	1694
27	924	1043	1159	1274	1390	1505	1621	1736	1852
28	1008	1134	1260	1386	1512	1638	1764	1890	2016
29	1092	1232	1369	1505	1642	1778	1915	2051	2188
30	1183	1330	1477	1628	1775	1922	2069	2219	2366

Doyle

\$3,500 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$ 4,000 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	8	8	12	12	12	12	16	16	16
7	20	20	24	24	28	28	32	32	36
8	32	36	40	44	48	52	56	60	64
9	48	56	64	68	76	80	88	92	100
10	72	80	88	100	108	116	124	136	144
11	96	112	124	136	148	160	172	184	196
12	128	144	160	176	192	208	224	240	256
13	160	184	204	224	244	264	284	304	324
14	200	224	248	276	300	324	348	376	400
15	240	272	304	332	364	392	424	452	484
16	288	324	360	396	432	468	504	540	576
17	336	380	424	464	508	548	592	632	676
18	392	440	488	540	588	636	684	736	784
19	448	508	564	620	676	732	788	844	900
20	512	576	640	704	768	832	896	960	1024
21	576	652	724	796	868	940	1012	1084	1156
22	648	728	808	892	972	1052	1132	1216	1296
23	720	812	904	992	1084	1172	1264	1352	1444
24	800	900	1000	1100	1200	1300	1400	1500	1600
25	880	992	1104	1212	1324	1432	1544	1652	1764
26	968	1088	1208	1332	1452	1572	1692	1816	1936
27	1056	1192	1324	1456	1588	1720	1852	1984	2116
28	1152	1296	1440	1584	1728	1872	2016	2160	2304
29	1248	1408	1564	1720	1876	2032	2188	2344	2500
30	1352	1520	1688	1860	2028	2196	2364	2536	2704

Doyle

\$ 4,000 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$4,500 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	9	9	14	14	14	14	18	18	18
7	23	23	27	27	32	32	36	36	41
8	36	41	45	50	54	59	63	68	72
9	54	63	72	77	86	90	99	104	113
10	81	90	99	113	122	131	140	153	162
11	108	126	140	153	167	180	194	207	221
12	144	162	180	198	216	234	252	270	288
13	180	207	230	252	275	297	320	342	365
14	225	252	279	311	338	365	392	423	450
15	270	306	342	374	410	441	477	509	545
16	324	365	405	446	486	527	567	608	648
17	378	428	477	522	572	617	666	711	761
18	441	495	549	608	662	716	770	828	882
19	504	572	635	698	761	824	887	950	1013
20	576	648	720	792	864	936	1008	1080	1152
21	648	734	815	896	977	1058	1139	1220	1301
22	729	819	909	1004	1094	1184	1274	1368	1458
23	810	914	1017	1116	1220	1319	1422	1521	1625
24	900	1013	1125	1238	1350	1463	1575	1688	1800
25	990	1116	1242	1364	1490	1611	1737	1859	1985
26	1089	1224	1359	1499	1634	1769	1904	2043	2178
27	1188	1341	1490	1638	1787	1935	2084	2232	2381
28	1296	1458	1620	1782	1944	2106	2268	2430	2592
29	1404	1584	1760	1935	2111	2286	2462	2637	2813
30	1521	1710	1899	2093	2282	2471	2660	2853	3042

Doyle

\$4,500 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$ 5,000 / MBF

lengths

diameter	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	10	10	15	15	15	15	20	20	20
7	25	25	30	30	35	35	40	40	45
8	40	45	50	55	60	65	70	75	80
9	60	70	80	85	95	100	110	115	125
10	90	100	110	125	135	145	155	170	180
11	120	140	155	170	185	200	215	230	245
12	160	180	200	220	240	260	280	300	320
13	200	230	255	280	305	330	355	380	405
14	250	280	310	345	375	405	435	470	500
15	300	340	380	415	455	490	530	565	605
16	360	405	450	495	540	585	630	675	720
17	420	475	530	580	635	685	740	790	845
18	490	550	610	675	735	795	855	920	980
19	560	635	705	775	845	915	985	1055	1125
20	640	720	800	880	960	1040	1120	1200	1280
21	720	815	905	995	1085	1175	1265	1355	1445
22	810	910	1010	1115	1215	1315	1415	1520	1620
23	900	1015	1130	1240	1355	1465	1580	1690	1805
24	1000	1125	1250	1375	1500	1625	1750	1875	2000
25	1100	1240	1380	1515	1655	1790	1930	2065	2205
26	1210	1360	1510	1665	1815	1965	2115	2270	2420
27	1320	1490	1655	1820	1985	2150	2315	2480	2645
28	1440	1620	1800	1980	2160	2340	2520	2700	2880
29	1560	1760	1955	2150	2345	2540	2735	2930	3125
30	1690	1900	2110	2325	2535	2745	2955	3170	3380

Doyle

\$5,000 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$6,500 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	13	13	20	20	20	20	26	26	26
7	33	33	39	39	46	46	52	52	59
8	52	59	65	72	78	85	91	98	104
9	78	91	104	111	124	130	143	150	163
10	117	130	143	163	176	189	202	221	234
11	156	182	202	221	241	260	280	299	319
12	208	234	260	286	312	338	364	390	416
13	260	299	332	364	397	429	462	494	527
14	325	364	403	449	488	527	566	611	650
15	390	442	494	540	592	637	689	735	787
16	468	527	585	644	702	761	819	878	936
17	546	618	689	754	826	891	962	1027	1099
18	637	715	793	878	956	1034	1112	1196	1274
19	728	826	917	1008	1099	1190	1281	1372	1463
20	832	936	1040	1144	1248	1352	1456	1560	1664
21	936	1060	1177	1294	1411	1528	1645	1762	1879
22	1053	1183	1313	1450	1580	1710	1840	1976	2106
23	1170	1320	1469	1612	1762	1905	2054	2197	2347
24	1300	1463	1625	1788	1950	2113	2275	2438	2600
25	1430	1612	1794	1970	2152	2327	2509	2685	2867
26	1573	1768	1963	2165	2360	2555	2750	2951	3146
27	1716	1937	2152	2366	2581	2795	3010	3224	3439
28	1872	2106	2340	2574	2808	3042	3276	3510	3744
29	2028	2288	2542	2795	3049	3302	3556	3809	4063
30	2197	2470	2743	3023	3296	3569	3842	4121	4394

Doyle

\$6,500 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$ 7,000 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	14	14	21	21	21	21	28	28	28
7	35	35	42	42	49	49	56	56	63
8	56	63	70	77	84	91	98	105	112
9	84	98	112	119	133	140	154	161	175
10	126	140	154	175	189	203	217	238	252
11	168	196	217	238	259	280	301	322	343
12	224	252	280	308	336	364	392	420	448
13	280	322	357	392	427	462	497	532	567
14	350	392	434	483	525	567	609	658	700
15	420	476	532	581	637	686	742	791	847
16	504	567	630	693	756	819	882	945	1008
17	588	665	742	812	889	959	1036	1106	1183
18	686	770	854	945	1029	1113	1197	1288	1372
19	784	889	987	1085	1183	1281	1379	1477	1575
20	896	1008	1120	1232	1344	1456	1568	1680	1792
21	1008	1141	1267	1393	1519	1645	1771	1897	2023
22	1134	1274	1414	1561	1701	1841	1981	2128	2268
23	1260	1421	1582	1736	1897	2051	2212	2366	2527
24	1400	1575	1750	1925	2100	2275	2450	2625	2800
25	1540	1736	1932	2121	2317	2506	2702	2891	3087
26	1694	1904	2114	2331	2541	2751	2961	3178	3388
27	1848	2086	2317	2548	2779	3010	3241	3472	3703
28	2016	2268	2520	2772	3024	3276	3528	3780	4032
29	2184	2464	2737	3010	3283	3556	3829	4102	4375
30	2366	2660	2954	3255	3549	3843	4137	4438	4732

Doyle

\$7,000 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$ 7,500 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	15	15	23	23	23	23	30	30	30
7	38	38	45	45	53	53	60	60	68
8	60	68	75	83	90	98	105	113	120
9	90	105	120	128	143	150	165	173	188
10	135	150	165	188	203	218	233	255	270
11	180	210	233	255	278	300	323	345	368
12	240	270	300	330	360	390	420	450	480
13	300	345	383	420	458	495	533	570	608
14	375	420	465	518	563	608	653	705	750
15	450	510	570	623	683	735	795	848	908
16	540	608	675	743	810	878	945	1013	1080
17	630	713	795	870	953	1028	1110	1185	1268
18	735	825	915	1013	1103	1193	1283	1380	1470
19	840	953	1058	1163	1268	1373	1478	1583	1688
20	960	1080	1200	1320	1440	1560	1680	1800	1920
21	1080	1223	1358	1493	1628	1763	1898	2033	2168
22	1215	1365	1515	1673	1823	1973	2123	2280	2430
23	1350	1523	1695	1860	2033	2198	2370	2535	2708
24	1500	1688	1875	2063	2250	2438	2625	2813	3000
25	1650	1860	2070	2273	2483	2685	2895	3098	3308
26	1815	2040	2265	2498	2723	2948	3173	3405	3630
27	1980	2235	2483	2730	2978	3225	3473	3720	3968
28	2160	2430	2700	2970	3240	3510	3780	4050	4320
29	2340	2640	2933	3225	3518	3810	4103	4395	4688
30	2535	2850	3165	3488	3803	4118	4433	4755	5070

Doyle

\$7,500 / MBF

The Hardwood Log Desktop Reference Book

Doyle Log Rule Values

\$ 8,000 / MBF

diameter	lengths								
	8'	9'	10'	11'	12'	13'	14'	15'	16'
6	16	16	24	24	24	24	32	32	32
7	40	40	48	48	56	56	64	64	72
8	64	72	80	88	96	104	112	120	128
9	96	112	128	136	152	160	176	184	200
10	144	160	176	200	216	232	248	272	288
11	192	224	248	272	296	320	344	368	392
12	256	288	320	352	384	416	448	480	512
13	320	368	408	448	488	528	568	608	648
14	400	448	496	552	600	648	696	752	800
15	480	544	608	664	728	784	848	904	968
16	576	648	720	792	864	936	1008	1080	1152
17	672	760	848	928	1016	1096	1184	1264	1352
18	784	880	976	1080	1176	1272	1368	1472	1568
19	896	1016	1128	1240	1352	1464	1576	1688	1800
20	1024	1152	1280	1408	1536	1664	1792	1920	2048
21	1152	1304	1448	1592	1736	1880	2024	2168	2312
22	1296	1456	1616	1784	1944	2104	2264	2432	2592
23	1440	1624	1808	1984	2168	2344	2528	2704	2888
24	1600	1800	2000	2200	2400	2600	2800	3000	3200
25	1760	1984	2208	2424	2648	2864	3088	3304	3528
26	1936	2176	2416	2664	2904	3144	3384	3632	3872
27	2112	2384	2648	2912	3176	3440	3704	3968	4232
28	2304	2592	2880	3168	3456	3744	4032	4320	4608
29	2496	2816	3128	3440	3752	4064	4376	4688	5000
30	2704	3040	3376	3720	4056	4392	4728	5072	5408

Doyle

\$8,000 / MBF