

ALABAMA DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
ADMINISTRATIVE CODE

CHAPTER 220-4
STATE LANDS DIVISION

220-4-A Appendix A.

Rule 220-4-.18, APPENDIX A

DOYLE LOG RULE, BOARD FEET

Diameter of log, small end, inside bark (in)	Length of Log in Feet												
	6	7	8	9	10	11	12	13	14	15	16	17	18
	Contents of log in board feet												
6	1	2	2	2	2	3	3	3	3	4	4	4	4
7	3	4	4	5	5	6	7	7	8	8	9	10	10
8	6	7	8	9	10	11	12	13	14	15	16	17	18
9	9	11	12	14	16	17	19	20	22	23	25	27	28
10	13	16	18	20	22	25	27	29	31	34	36	38	40
11	18	21	24	28	31	34	37	40	43	46	49	52	55
12	24	28	32	36	40	44	48	52	56	60	64	68	72
13	30	35	40	46	51	56	61	66	71	76	81	86	91
14	37	44	50	56	62	69	75	81	87	94	100	106	112
15	45	53	60	68	76	83	91	98	106	113	121	129	136
16	54	63	72	81	90	99	108	117	126	135	144	153	162
17	63	74	84	95	106	116	127	137	148	158	169	180	190
18	73	86	98	110	122	135	147	159	171	184	196	208	220
19	84	98	112	127	141	155	169	183	197	211	225	239	253
20	96	112	128	144	160	176	192	208	224	240	256	272	288
21	108	126	144	163	181	199	217	235	253	271	289	307	325
22	121	142	162	182	202	223	243	263	283	304	324	344	364
23	135	158	180	203	226	248	271	293	316	338	361	384	406
24	150	175	200	225	250	275	300	325	350	375	400	425	450
25	165	193	220	248	276	303	331	358	386	413	441	469	496
26	181	212	242	272	302	333	363	393	423	454	484	514	544
27	198	231	264	298	331	364	397	430	463	496	529	562	595
28	216	252	288	324	360	396	432	468	504	540	576	612	648
29	234	273	312	352	391	430	469	508	547	586	625	664	702
30	253	296	338	380	422	465	507	549	591	634	676	718	760
31	273	319	364	410	456	501	547	592	638	683	729	775	820
32	294	343	392	441	490	539	588	636	686	735	784	833	882
33	315	368	420	473	526	578	631	683	736	788	841	894	946
34	337	394	450	506	562	619	675	731	787	844	900	956	1012
35	360	420	480	541	601	661	721	781	841	901	961	1021	1081
36	384	448	512	576	640	704	768	832	896	960	1024	1088	1152
37	408	476	544	613	681	749	817	885	953	1021	1089	1157	1225
38	433	506	578	650	722	795	867	939	1011	1084	1156	1228	1300
39	459	536	612	689	766	842	919	995	1072	1148	1225	1302	1378
40	486	567	648	729	810	891	972	1053	1134	1215	1296	1377	1458

To find the number of board feet in a log according to the Doyle rule: Deduct 4 from the diameter (in inches) of the small end and square the remainder. This gives the contents of a 16-foot log in board feet. The number of board feet in logs of other lengths is in proportion to their lengths.

$$Formula = (D - 4)^2 x (L/16)$$

D = Diameter inside bark at the small end in inches

L = Log length in feet

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Statutory Authority: Code of Ala. 1975, §§9-2-7, 9-2-8, 9-2-12.

Conservation

Rule 220-4-A

History: **New Rule:** Filed July 31, 2017; effective September 14, 2017.

Penalty: As provided by law.