

Log Footage Table from Doyle's Rule

| LENGTHS | | | | | | Diameter | LENGTHS | | | | | |
|---------|------|------|------|-----|-----|----------|---------|-----|------|------|------|------|
| 16 | 14 | 12 | 10 | 8 | 6 | | 7 | 9 | 11 | 13 | 15 | 17 |
| 64 | 56 | 48 | 40 | 32 | 24 | 12 | 28 | 36 | 44 | 52 | 60 | 68 |
| 81 | 71 | 61 | 50 | 40 | 30 | 13 | 35 | 45 | 55 | 66 | 76 | 86 |
| 100 | 88 | 75 | 62 | 50 | 37 | 14 | 44 | 56 | 69 | 81 | 94 | 106 |
| 121 | 106 | 91 | 75 | 60 | 45 | 15 | 53 | 68 | 83 | 98 | 113 | 128 |
| 144 | 126 | 108 | 90 | 72 | 54 | 16 | 63 | 81 | 99 | 117 | 135 | 153 |
| 169 | 148 | 127 | 106 | 84 | 63 | 17 | 74 | 95 | 116 | 137 | 158 | 180 |
| 196 | 171 | 147 | 122 | 98 | 73 | 18 | 85 | 110 | 135 | 159 | 183 | 208 |
| 225 | 197 | 169 | 141 | 112 | 84 | 19 | 98 | 127 | 155 | 183 | 211 | 239 |
| 256 | 224 | 192 | 160 | 128 | 96 | 20 | 112 | 144 | 176 | 208 | 240 | 272 |
| 289 | 253 | 217 | 181 | 144 | 108 | 21 | 126 | 162 | 199 | 235 | 271 | 307 |
| 324 | 283 | 243 | 202 | 162 | 121 | 22 | 141 | 182 | 223 | 263 | 303 | 344 |
| 359 | 313 | 271 | 226 | 180 | 135 | 23 | 156 | 203 | 248 | 293 | 336 | 383 |
| 400 | 350 | 300 | 250 | 200 | 150 | 24 | 175 | 225 | 275 | 325 | 375 | 425 |
| 441 | 386 | 331 | 276 | 220 | 165 | 25 | 193 | 248 | 303 | 358 | 413 | 469 |
| 484 | 423 | 363 | 302 | 242 | 181 | 26 | 211 | 272 | 334 | 393 | 453 | 514 |
| 530 | 463 | 397 | 330 | 264 | 198 | 27 | 231 | 297 | 363 | 430 | 496 | 563 |
| 576 | 504 | 432 | 360 | 288 | 216 | 28 | 252 | 324 | 396 | 468 | 540 | 612 |
| 625 | 547 | 469 | 391 | 312 | 234 | 29 | 273 | 352 | 430 | 508 | 586 | 664 |
| 676 | 591 | 507 | 422 | 338 | 253 | 30 | 295 | 380 | 465 | 549 | 633 | 718 |
| 729 | 638 | 547 | 456 | 364 | 273 | 31 | 319 | 410 | 502 | 592 | 683 | 774 |
| 784 | 686 | 588 | 490 | 392 | 294 | 32 | 343 | 441 | 539 | 637 | 735 | 833 |
| 841 | 736 | 631 | 526 | 420 | 315 | 33 | 368 | 473 | 578 | 684 | 789 | 894 |
| 900 | 787 | 675 | 562 | 450 | 337 | 34 | 393 | 506 | 619 | 731 | 844 | 956 |
| 961 | 841 | 721 | 601 | 480 | 360 | 35 | 420 | 540 | 661 | 781 | 901 | 1021 |
| 1024 | 896 | 768 | 640 | 512 | 384 | 36 | 448 | 576 | 704 | 832 | 960 | 1088 |
| 1089 | 953 | 817 | 681 | 544 | 408 | 37 | 476 | 613 | 749 | 884 | 1021 | 1157 |
| 1156 | 1011 | 867 | 723 | 578 | 433 | 38 | 505 | 650 | 795 | 939 | 1083 | 1228 |
| 1225 | 1072 | 918 | 765 | 612 | 459 | 39 | 536 | 689 | 842 | 996 | 1149 | 1302 |
| 1296 | 1134 | 972 | 810 | 648 | 486 | 40 | 567 | 729 | 891 | 1053 | 1215 | 1377 |
| 1369 | 1198 | 1027 | 856 | 684 | 513 | 41 | 599 | 770 | 941 | 1112 | 1284 | 1455 |
| 1444 | 1264 | 1083 | 902 | 722 | 541 | 42 | 632 | 812 | 993 | 1173 | 1354 | 1534 |
| 1521 | 1331 | 1141 | 951 | 761 | 570 | 43 | 665 | 856 | 1046 | 1236 | 1426 | 1616 |
| 1600 | 1400 | 1200 | 1000 | 800 | 600 | 44 | 700 | 900 | 1100 | 1300 | 1500 | 1700 |

Formula to figure board
feet in a log:

$$\frac{(D - 4)^2 \times L}{16}$$

Diameter (inches) - Length (feet)

* Diameter measured at small end of log inside the bark.