

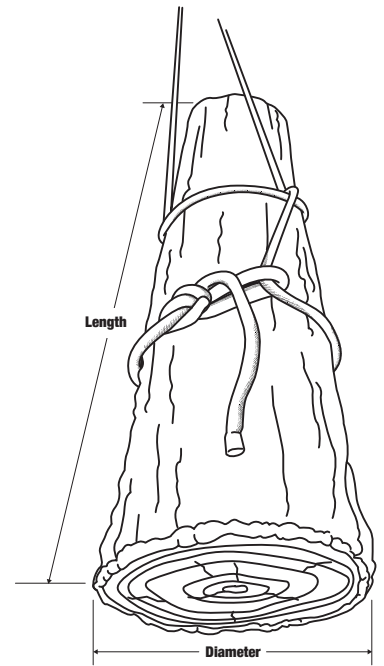
TIPS FROM THE CANOPY

LOG WEIGHT CHART

COMPLETE LOG CHART GOES UP TO 72",
AVAILABLE AT SHERRILLTREE.COM

ANSI Z133-2017/5.7.12 STATES "A GREEN LOG
WEIGHT CHART SHALL BE AVAILABLE TO THE CREW."

The Green Log Weight Chart is very helpful when looking at different rigging scenarios. Knowing the weight of the logs being rigged is necessary to determine what components and systems to utilize and provide safe execution of the job.



WEIGHT OF A ONE-FOOT SECTION (BASED ON AVERAGE DIAMETER)

| SPECIES | SPECIES WEIGHT IN LBS PER CUBIC FT. | WEIGHT OF A ONE-FOOT SECTION (BASED ON AVERAGE DIAMETER) | | | | | | | | | | | | | |
|-----------------------|-------------------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | 10" | 12" | 14" | 16" | 18" | 20" | 22" | 24" | 26" | 28" | 30" | 32" | 34" | 36" |
| Apple | 55 | 30 | 43 | 59 | 77 | 97 | 120 | 145 | 173 | 203 | 235 | 270 | 307 | 347 | 368 |
| Ash, White | 48 | 26 | 38 | 51 | 67 | 85 | 104 | 126 | 150 | 177 | 205 | 235 | 267 | 302 | 338 |
| Basswood | 42 | 23 | 33 | 45 | 59 | 74 | 92 | 111 | 132 | 155 | 180 | 206 | 235 | 265 | 297 |
| Beech | 54 | 29 | 42 | 58 | 75 | 95 | 118 | 142 | 169 | 199 | 231 | 265 | 301 | 340 | 381 |
| Birch, Paper | 50 | 27 | 39 | 53 | 70 | 88 | 109 | 132 | 157 | 164 | 214 | 245 | 279 | 317 | 353 |
| Birch, Yellow | 57 | 31 | 45 | 61 | 80 | 101 | 124 | 151 | 179 | 210 | 244 | 280 | 319 | 360 | 403 |
| Butternut | 46 | 25 | 36 | 49 | 64 | 81 | 100 | 121 | 144 | 170 | 197 | 226 | 257 | 290 | 325 |
| Cherry, Black | 45 | 25 | 35 | 48 | 63 | 79 | 98 | 119 | 141 | 166 | 192 | 221 | 251 | 283 | 318 |
| Chestnut | 55 | 30 | 43 | 59 | 77 | 97 | 120 | 145 | 173 | 203 | 235 | 270 | 307 | 347 | 388 |
| Cottonwood | 49 | 27 | 38 | 52 | 68 | 86 | 107 | 129 | 154 | 180 | 209 | 240 | 273 | 310 | 346 |
| Elm, American | 54 | 29 | 42 | 58 | 75 | 95 | 118 | 142 | 169 | 199 | 231 | 265 | 301 | 340 | 381 |
| Gum, Black | 45 | 25 | 35 | 48 | 63 | 79 | 98 | 119 | 141 | 166 | 192 | 221 | 251 | 283 | 318 |
| Gum, Red | 50 | 27 | 39 | 53 | 70 | 88 | 109 | 132 | 157 | 164 | 214 | 245 | 279 | 317 | 353 |
| Hackberry | 50 | 27 | 39 | 53 | 70 | 88 | 109 | 132 | 157 | 164 | 214 | 245 | 279 | 317 | 353 |
| Hickory, Shagbark | 64 | 35 | 50 | 68 | 89 | 113 | 140 | 169 | 201 | 236 | 273 | 314 | 357 | 403 | 452 |
| Honey Locust | 61 | 33 | 48 | 65 | 85 | 108 | 133 | 161 | 192 | 225 | 261 | 299 | 341 | 385 | 431 |
| Magnolia, Ev | 59 | 32 | 46 | 63 | 82 | 104 | 129 | 156 | 185 | 217 | 252 | 289 | 329 | 372 | 417 |
| Maple, Red | 50 | 27 | 39 | 53 | 70 | 88 | 109 | 132 | 157 | 164 | 214 | 245 | 279 | 317 | 353 |
| Maple, Silver | 45 | 25 | 35 | 48 | 63 | 79 | 98 | 119 | 141 | 166 | 192 | 221 | 251 | 283 | 318 |
| Maple, Sugar | 56 | 31 | 44 | 60 | 78 | 99 | 122 | 148 | 176 | 206 | 239 | 275 | 313 | 353 | 396 |
| Oak, California Black | 66 | 36 | 51 | 70 | 92 | 116 | 144 | 174 | 207 | 243 | 282 | 323 | 368 | 416 | 466 |
| Oak, Live | 76 | 41 | 60 | 81 | 106 | 134 | 166 | 200 | 238 | 280 | 324 | 372 | 424 | 478 | 536 |
| Oak, Red | 63 | 34 | 49 | 67 | 88 | 111 | 137 | 166 | 198 | 232 | 269 | 309 | 351 | 397 | 445 |
| Oak, White | 62 | 34 | 48 | 66 | 86 | 109 | 135 | 163 | 194 | 228 | 265 | 304 | 346 | 390 | 437 |
| Pecan | 61 | 33 | 48 | 65 | 85 | 108 | 133 | 161 | 192 | 225 | 261 | 299 | 341 | 385 | 431 |
| Persimmon | 63 | 34 | 49 | 67 | 88 | 111 | 137 | 166 | 198 | 232 | 269 | 309 | 351 | 397 | 445 |
| Poplar, Yellow | 38 | 21 | 30 | 40 | 53 | 67 | 83 | 99 | 119 | 140 | 162 | 186 | 211 | 239 | 268 |
| Sassafras | 44 | 24 | 34 | 47 | 61 | 78 | 96 | 116 | 138 | 162 | 188 | 215 | 245 | 277 | 310 |
| Sycamore | 52 | 28 | 41 | 55 | 72 | 92 | 113 | 137 | 163 | 191 | 222 | 254 | 290 | 327 | 366 |
| Walnut, Black | 58 | 32 | 45 | 62 | 81 | 102 | 126 | 153 | 182 | 213 | 248 | 284 | 323 | 364 | 409 |
| Pine, White | 36 | 20 | 28 | 38 | 50 | 64 | 78 | 95 | 113 | 128 | 154 | 176 | 201 | 227 | 254 |
| Spruce, Red | 34 | 19 | 27 | 36 | 47 | 60 | 74 | 90 | 106 | 125 | 145 | 166 | 189 | 214 | 239 |