

RIFLE CALIBER BALLISTICS CHART

YELLOW SHADING SHOWS CALIBERS THAT EXCEED OUR TEMPLATE

RED SHADING SHOWS WHAT EXCEEDS THE TEMPLATE

| Muzzle Velocity Limit 3500 fps Muzzle Energy Limit 3200 fps | Bullet Weight Grains | Bullet Ballistic Coefficient | Muzzle Velocity Fps. | Muzzle Energy Ft. lbs. |
|---|-------------------------|---------------------------------|-------------------------|---------------------------|
| .17" Caliber Centerfire Rifle Cartridges, Bullet Diameter .172" / 4.3mm: | | | | |
| 17 Hornet | 20 | 0.185 | 3650 | 592 |
| 17 Remington Fireball | 20 | 0.185 | 4000 | 710 |
| 17 Remington | 25 | 0.185 | 4250 | 802 |
| .20" Caliber Centerfire Rifle Cartridges, Bullet Diameter .204" / 5.18mm: | | | | |
| 204 Ruger | 32 | 0.210 | 4225 | 1268 |
| .22" Caliber Centerfire Rifle Cartridges, Bullet Diameter .222" - .224" / 5.6mm: | | | | |
| 218 Bee | 46 | 0.130 | 2760 | 778 |
| 22 Hornet | 35 | 0.109 | 3100 | 747 |
| 221 Remington Fireball | 50 | 0.238 | 2995 | 995 |
| 222 Remington | 50 | 0.242 | 3140 | 1094 |
| 5.56x45mm NATO | 55 | 0.270 | 3130 | 1196 |
| 223 Remington | 50 | 0.242 | 3410 | 1291 |
| 225 Winchester | 55 | 0.208 | 3570 | 1556 |
| 224 Weatherby Magnum | 55 | 0.235 | 3650 | 1627 |
| 22-250 Remington | 50 | 0.242 | 3800 | 1603 |
| 220 Swift | 50 | 0.200 | 3870 | 1663 |
| 223 Winchester Super Short Magnum | 55 | 0.233 | 3850 | 1810 |
| .24" Caliber Centerfire Rifle Cartridges, Bullet Diameter .243" / 6.1mm: | | | | |
| 243 Winchester | 95 | 0.411 | 3100 | 2027 |
| 243 Winchester Super Short Magnum | 95 | 0.411 | 3150 | 2093 |
| 6mm Remington | 100 | 0.356 | 3100 | 2133 |
| 240 Weatherby Magnum | 100 | 0.381 | 3406 | 2576 |
| .25" Caliber Centerfire Rifle Cartridges, Bullet Diameter .257" / 6.5mm: | | | | |
| 250 Savage | 120 | 0.344 | 2720 | 1971 |
| 257 Roberts | 120 | 0.344 | 2780 | 2059 |
| 25-06 Remington | 120 | 0.344 | 2990 | 2382 |
| 25 Winchester Super Short Magnum | 120 | 0.344 | 2990 | 2382 |
| 257 Weatherby Magnum | 120 | 0.391 | 3305 | 2910 |
| .26" Caliber Centerfire Rifle Cartridges, Bullet Diameter .263" - .264" / 6.7mm: | | | | |
| 6.5x55mm Mauser | 140 | 0.435 | 2550 | 2021 |
| 260 Remington | 140 | 0.435 | 2750 | 2351 |
| 6.5 Creedmoor | 140 | 0.439 | 2750 | 2351 |
| 6.5mm Remington Magnum | 120 | 0.323 | 3210 | 2745 |
| 264 Winchester Magnum | 120 | 0.323 | 3250 | 2814 |
| .27" Caliber Centerfire Rifle Cartridges, Bullet Diameter .277" / 7.0mm: | | | | |
| 6.8 Remington SPC | 120 | 0.400 | 2460 | 1612 |
| 270 Winchester | 140 | 0.472 | 2950 | 2705 |
| 270 Winchester Short Magnum | 140 | 0.472 | 3200 | 3184 |
| 270 Weatherby Magnum | 140 | 0.496 | 3320 | 3427 |
| .28" Caliber Centerfire Rifle Cartridges, Bullet Diameter .284" / 7.2mm: | | | | |
| 7x57mm Mauser | 140 | 0.390 | 2660 | 2199 |
| 7mm-08 Remington | 140 | 0.390 | 2860 | 2543 |
| 280 Remington | 140 | 0.390 | 3000 | 2798 |
| 7mm Remington SAUM | 140 | 0.409 | 3175 | 3134 |
| 7mm Remington Magnum | 140 | 0.409 | 3175 | 3134 |
| 7mm Winchester Short Magnum | 140 | 0.460 | 3225 | 3233 |
| 7mm Weatherby Magnum | 140 | 0.477 | 3250 | 3284 |
| 7mm Remington Ultra Magnum | 140 | 0.409 | 3425 | 3646 |
| .30" Caliber Centerfire Rifle Cartridges, Bullet Diameter .308" / 7.8mm: | | | | |
| 30 Carbine | 110 | 0.178 | 2000 | 977 |
| 300 Whisper | 110 | 0.290 | 2375 | 1377 |
| 7.62x39mm Russian | 123 | 0.295 | 2350 | 1508 |
| 30 Remington AR | 125 | 0.267 | 2880 | 2302 |
| 7.62x51mm NATO | 147 | 0.415 | 2800 | 2559 |
| 30-30 Winchester | 150 | 0.193 | 2390 | 1902 |
| 300 Savage | 150 | 0.314 | 2630 | 2304 |
| 308 Marlin Express | 150 | 0.193 | 2725 | 2473 |
| 308 Winchester | 150 | 0.314 | 2820 | 2649 |
| 30-06 Springfield | 150 | 0.314 | 2910 | 2820 |

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|---|-------------------------|---------------------------------|-------------------------|---------------------------|
| .30" Caliber Centerfire Rifle Cartridges, Bullet Diameter .308" / 7.8mm: (Continued) | | | | |
| 30 Thompson Center | 150 | 0.415 | 2920 | 2840 |
| 300 Remington SAUM | 150 | 0.346 | 3110 | 3221 |
| 300 Ruger Compact Magnum | 150 | 0.410 | 3265 | 3550 |
| 300 Winchester Magnum | 150 | 0.294 | 3290 | 3605 |
| 300 Winchester Short Magnum | 150 | 0.294 | 3320 | 3671 |
| 300 Remington Ultra Magnum | 150 | 0.435 | 3450 | 3964 |
| 300 Weatherby Magnum | 150 | 0.387 | 3540 | 4174 |
| 7.62x54mm Russian | 174 | 0.470 | 2800 | 3029 |
| 30-40 Krag | 180 | 0.394 | 2430 | 2360 |
| 307 Winchester | 180 | 0.253 | 2510 | 2518 |
| 300 H&H Magnum | 180 | 0.480 | 2900 | 3361 |
| 30-378 Weatherby Magnum | 180 | 0.507 | 3420 | 4676 |
| .31" Caliber Centerfire Rifle Cartridges, Bullet Diameter .312" / 7.9mm: | | | | |
| 303 British | 180 | 0.369 | 2460 | 2418 |
| .32" Caliber Centerfire Rifle Cartridges, Bullet Diameter .321" - .323" / 8.1mm - 8.2mm: | | | | |
| 32 Winchester Special | 170 | 0.205 | 2250 | 1911 |
| 8x57mm Mauser | 170 | 0.205 | 2360 | 2102 |
| 8mm Remington Magnum | 200 | 0.332 | 2900 | 3734 |
| 325 Winchester Short Magnum | 180 | 0.439 | 3060 | 3743 |
| .33" Caliber Centerfire Rifle Cartridges, Bullet Diameter .338" / 8.5mm: | | | | |
| 338 Marlin Express | 200 | 0.455 | 2565 | 2922 |
| 338 Federal | 200 | 0.440 | 2630 | 3072 |
| 338 Winchester Magnum | 200 | 0.414 | 2950 | 3864 |
| 338 Ruger Compact Magnum | 200 | 0.455 | 2950 | 3864 |
| 338 Remington Ultra Magnum | 250 | 0.431 | 2860 | 4540 |
| 340 Weatherby Magnum | 250 | 0.473 | 2941 | 4801 |
| 338 Lapua | 250 | 0.675 | 2960 | 4863 |
| 338-378 Weatherby Magnum | 250 | 0.473 | 3060 | 5197 |
| .35" Caliber Centerfire Rifle Cartridges, Bullet Diameter .357" - .358" / 9.0mm: | | | | |
| 357 Magnum | 140 | 0.169 | 1850 | 1064 |
| 35 Remington | 200 | 0.192 | 2080 | 1921 |
| 358 Winchester | 200 | 0.261 | 2490 | 2753 |
| 35 Whelen | 200 | 0.294 | 2675 | 3177 |
| 350 Remington Magnum | 200 | 0.293 | 2775 | 3419 |
| .37" Caliber Centerfire Rifle Cartridges, Bullet Diameter .375" / 9.5mm: | | | | |
| 375 H&H Magnum | 300 | 0.350 | 2522 | 4238 |
| 375 Ruger | 300 | 0.275 | 2660 | 4713 |
| 375 Remington Ultra Magnum | 300 | 0.350 | 2760 | 5073 |
| 375 Weatherby Magnum | 300 | 0.398 | 2800 | 5224 |
| 378 Weatherby Magnum | 300 | 0.275 | 2925 | 5694 |
| .41" Caliber Centerfire Rifle Cartridges, Bullet Diameter .416" / 10.5mm: | | | | |
| 416 Rigby | 400 | 0.390 | 2370 | 4988 |
| 416 Ruger | 400 | 0.319 | 2400 | 5115 |
| 416 Remington Magnum | 400 | 0.367 | 2400 | 5115 |
| 416 Weatherby Magnum | 400 | 0.311 | 2700 | 6474 |
| .43" Caliber Centerfire Rifle Cartridges, Bullet Diameter .430" / 10.9mm: | | | | |
| 44 Remington Magnum | 225 | 0.145 | 1870 | 1747 |
| 444 Marlin | 265 | 0.225 | 2325 | 3180 |
| .45" Caliber Centerfire Rifle Cartridges, Bullet Diameter .457" / 11.6mm: | | | | |
| 45-70 Government | 325 | 0.230 | 2050 | 3032 |
| 450 Bushmaster | 250 | 0.210 | 2200 | 2686 |
| 450 Marlin | 325 | 0.230 | 2225 | 3572 |
| 458 Winchester Magnum | 500 | 0.295 | 2140 | 5084 |
| 458 Lott | 500 | 0.295 | 2300 | 5872 |
| 460 Weatherby Magnum | 500 | 0.295 | 2600 | 7504 |
| .51" Caliber Centerfire Rifle Cartridges, Bullet Diameter .510" / 12.954mm: | | | | |
| 50 Browning Machine Gun | 750 | 1.050 | 2820 | 13241 |

