

# Rifle Reloading data

## Cartridge

**Cartridge** .223 Remington  
**Test barrel** 620 mm (25"), 1 in 12" twist  
**Primers** Small Rifle  
**Cases** Lapua, trim-to length 44,50 mm (1.752")



## Bullet specifications

Your search returned **197** different loads:

| Bullet |             |                 |       | Powder | Load   |      |          |      |
|--------|-------------|-----------------|-------|--------|--------|------|----------|------|
| gr     |             |                 | inch  |        | gr     | fps  |          |      |
| Weight | Mfg         | Type            | C.O.L | Type   | Weight |      | Velocity |      |
|        |             |                 |       |        | start  | max  | start    | max  |
| 40     | Hornady     | V-Max           | 2.224 | N120   | 19.8   | 22.4 | 3346     | 3678 |
| 40     | Hornady     | V-Max           | 2.224 | N130   | 21.8   | 24.2 | 3396     | 3711 |
| 40     | Hornady     | V-Max           | 2.224 | N133   | 24.7   | 25.9 | 3517     | 3681 |
| 40     | Hornady     | V-Max           | 2.224 | N530   | 24.2   | 26.9 | 3376     | 3747 |
| 40     | Speer       | Spire Point     | 2.075 | N120   | 19.0   | 23.0 | 3159     | 3668 |
| 40     | Speer       | Spire Point     | 2.075 | N130   | 22.5   | 25.5 | 3386     | 3763 |
| 40     | Speer       | Spire Point     | 2.075 | N133   | 23.8   | 25.9 | 3402     | 3625 |
| 45     | Speer       | Spitzer         | 2.126 | N120   | 19.3   | 22.8 | 3061     | 3517 |
| 45     | Speer       | Spitzer         | 2.126 | N130   | 22.2   | 25.0 | 3251     | 3583 |
| 45     | Speer       | Spitzer         | 2.126 | N133   | 23.3   | 25.9 | 3238     | 3579 |
| 45     | Speer       | Spitzer         | 2.126 | N135   | 25.3   | 25.9 | 3314     | 3392 |
| 50     | Barnes      | Varmint Grenade | 2.201 | N130   | 19.1   | 21.5 | 2877     | 3179 |
| 50     | Barnes      | Varmint Grenade | 2.201 | N133   | 20.8   | 23.1 | 2959     | 3255 |
| 50     | Barnes      | Varmint Grenade | 2.201 | N135   | 21.9   | 24.5 | 2976     | 3297 |
| 50     | Barnes      | Varmint Grenade | 2.201 | N140   | 23.5   | 26.9 | 2963     | 3317 |
| 50     | Barnes      | Varmint Grenade | 2.201 | N540   | 23.6   | 26.2 | 2920     | 3278 |
| 50     | Fox Bullets | Classic Hunter  | 2.165 | N130   | 19.9   | 21.8 | 2972     | 3261 |
| 50     | Fox Bullets | Classic Hunter  | 2.165 | N133   | 20.8   | 23.8 | 3005     | 3343 |
| 50     | Fox Bullets | Classic Hunter  | 2.165 | N530   | 22.2   | 24.8 | 3048     | 3399 |
| 50     | Fox Bullets | Classic Hunter  | 2.165 | N135   | 23.1   | 25.6 | 3120     | 3422 |
| 50     | Lapua       | Naturalis N566  | 2.205 | N130   | 18.1   | 21.6 | 2825     | 3238 |
| 50     | Lapua       | Naturalis N566  | 2.205 | N133   | 20.7   | 24.1 | 2927     | 3337 |
| 50     | Lapua       | Naturalis N566  | 2.205 | N530   | 21.0   | 23.8 | 2913     | 3301 |
| 50     | Lapua       | Naturalis N566  | 2.205 | N135   | 21.9   | 25.6 | 2972     | 3366 |
| 50     | Sierra      | Blitzking       | 2.260 | N130   | 21.1   | 23.0 | 3091     | 3356 |
| 50     | Sierra      | Blitzking       | 2.260 | N133   | 23.3   | 25.3 | 3176     | 3448 |

| Bullet |         |            |       | Powder | Load   |      |          |      |
|--------|---------|------------|-------|--------|--------|------|----------|------|
| gr     |         |            | inch  |        | gr     |      | fps      |      |
| Weight | Mfg     | Type       | C.O.L | Type   | Weight |      | Velocity |      |
|        |         |            |       |        | start  | max  | start    | max  |
| 50     | Sierra  | Blitzking  | 2.260 | N530   | 23.1   | 25.3 | 3114     | 3406 |
| 50     | Sierra  | Blitzking  | 2.260 | N135   | 24.2   | 26.2 | 3199     | 3471 |
| 50     | Sierra  | Blitzking  | 2.260 | N140   | 25.5   | 27.0 | 3120     | 3333 |
| 50     | Speer   | TNT-HP     | 2.244 | N120   | 19.3   | 22.7 | 2989     | 3399 |
| 50     | Speer   | TNT-HP     | 2.244 | N130   | 22.1   | 24.5 | 3107     | 3432 |
| 50     | Speer   | TNT-HP     | 2.244 | N133   | 24.1   | 25.9 | 3248     | 3533 |
| 50     | Speer   | TNT-HP     | 2.244 | N135   | 25.5   | 25.9 | 3278     | 3340 |
| 51     | Lapua   | HPCE       | 2.244 | N120   | 19.0   | 21.1 | 2982     | 3251 |
| 51     | Lapua   | HPCE       | 2.244 | N130   | 20.8   | 23.3 | 3051     | 3340 |
| 51     | Lapua   | HPCE       | 2.244 | N133   | 22.4   | 24.8 | 3094     | 3389 |
| 51     | Lapua   | HPCE       | 2.244 | N530   | 23.6   | 25.6 | 3159     | 3451 |
| 51     | Lapua   | HPCE       | 2.244 | N135   | 23.8   | 25.9 | 3140     | 3392 |
| 52     | Berger  | FB Target  | 2.260 | N120   | 18.5   | 20.4 | 2940     | 3189 |
| 52     | Berger  | FB Target  | 2.260 | N130   | 20.8   | 22.5 | 3022     | 3271 |
| 52     | Berger  | FB Target  | 2.260 | N133   | 22.5   | 24.8 | 3077     | 3360 |
| 52     | Berger  | FB Target  | 2.260 | N530   | 22.7   | 25.3 | 3041     | 3369 |
| 52     | Berger  | FB Target  | 2.260 | N135   | 23.9   | 26.1 | 3136     | 3402 |
| 52     | Berger  | FB Varmint | 2.260 | N130   | 21.1   | 23.5 | 2972     | 3310 |
| 52     | Berger  | FB Varmint | 2.260 | N133   | 23.0   | 25.0 | 3048     | 3343 |
| 52     | Berger  | FB Varmint | 2.260 | N530   | 23.6   | 25.8 | 3068     | 3369 |
| 52     | Berger  | FB Varmint | 2.260 | N135   | 24.1   | 26.7 | 3054     | 3373 |
| 52     | Berger  | FB Varmint | 2.260 | N140   | 25.0   | 26.2 | 2982     | 3146 |
| 52     | LOS     | Tactic     | 2.193 | N120   | 18.7   | 20.2 | 2963     | 3212 |
| 52     | LOS     | Tactic     | 2.193 | N130   | 20.1   | 22.4 | 3028     | 3297 |
| 52     | LOS     | Tactic     | 2.193 | N133   | 21.9   | 24.4 | 3094     | 3383 |
| 52     | LOS     | Tactic     | 2.193 | N135   | 23.5   | 25.5 | 3150     | 3386 |
| 52     | Sierra  | HPBT       | 2.244 | N130   | 21.1   | 23.8 | 3071     | 3373 |
| 52     | Sierra  | HPBT       | 2.244 | N133   | 22.5   | 25.0 | 3110     | 3389 |
| 52     | Sierra  | HPBT       | 2.244 | N135   | 23.8   | 25.6 | 3140     | 3409 |
| 53     | Hornady | V-Max      | 2.256 | N130   | 20.8   | 22.7 | 3025     | 3274 |
| 53     | Hornady | V-Max      | 2.256 | N133   | 22.8   | 24.7 | 3077     | 3337 |
| 53     | Hornady | V-Max      | 2.256 | N530   | 22.8   | 24.7 | 3084     | 3314 |
| 53     | Hornady | V-Max      | 2.256 | N135   | 23.9   | 25.8 | 3133     | 3376 |
| 55     | Berger  | FB Varmint | 2.260 | N130   | 20.7   | 23.0 | 2877     | 3196 |
| 55     | Berger  | FB Varmint | 2.260 | N133   | 22.4   | 24.7 | 2933     | 3251 |
| 55     | Berger  | FB Varmint | 2.260 | N530   | 23.1   | 25.2 | 2969     | 3268 |
| 55     | Berger  | FB Varmint | 2.260 | N135   | 23.8   | 26.2 | 2956     | 3271 |
| 55     | Berger  | FB Varmint | 2.260 | N140   | 24.7   | 26.5 | 2917     | 3166 |

| Bullet |             |                |       | Powder | Load   |      |          |      |
|--------|-------------|----------------|-------|--------|--------|------|----------|------|
| gr     |             |                | inch  |        | gr     |      | fps      |      |
| Weight | Mfg         | Type           | C.O.L | Type   | Weight |      | Velocity |      |
|        |             |                |       |        | start  | max  | start    | max  |
| 55     | Fox Bullets | Classic Hunter | 2.165 | N130   | 18.2   | 20.5 | 2772     | 3068 |
| 55     | Fox Bullets | Classic Hunter | 2.165 | N133   | 20.1   | 22.5 | 2864     | 3163 |
| 55     | Fox Bullets | Classic Hunter | 2.165 | N530   | 20.8   | 23.3 | 2867     | 3199 |
| 55     | Fox Bullets | Classic Hunter | 2.165 | N135   | 20.8   | 23.9 | 2884     | 3219 |
| 55     | Hornady     | FMJBT          | 2.244 | N120   | 18.7   | 20.7 | 2917     | 3150 |
| 55     | Hornady     | FMJBT          | 2.244 | N130   | 21.8   | 23.5 | 3136     | 3323 |
| 55     | Hornady     | FMJBT          | 2.244 | N133   | 22.1   | 24.5 | 3045     | 3301 |
| 55     | Hornady     | FMJBT          | 2.244 | N530   | 23.1   | 25.0 | 3087     | 3353 |
| 55     | Hornady     | FMJBT          | 2.244 | N135   | 23.3   | 25.6 | 3077     | 3337 |
| 55     | Hornady     | FMJBT          | 2.244 | N140   | 24.7   | 26.8 | 3051     | 3343 |
| 55     | Hornady     | V-Max          | 2.260 | N130   | 20.4   | 23.0 | 2812     | 3166 |
| 55     | Hornady     | V-Max          | 2.260 | N133   | 21.5   | 25.0 | 2782     | 3222 |
| 55     | Hornady     | V-Max          | 2.260 | N530   | 23.0   | 25.3 | 2927     | 3261 |
| 55     | Hornady     | V-Max          | 2.260 | N135   | 23.5   | 26.2 | 2900     | 3212 |
| 55     | Hornady     | V-Max          | 2.260 | N140   | 25.3   | 26.5 | 2900     | 3045 |
| 55     | Lapua       | FMJ            | 2.244 | N120   | 18.7   | 20.8 | 2874     | 3127 |
| 55     | Lapua       | FMJ            | 2.244 | N130   | 20.5   | 23.1 | 2936     | 3232 |
| 55     | Lapua       | FMJ            | 2.244 | N133   | 22.1   | 24.5 | 2989     | 3278 |
| 55     | Lapua       | FMJ            | 2.244 | N530   | 23.3   | 25.3 | 3054     | 3330 |
| 55     | Lapua       | FMJ            | 2.244 | N135   | 23.3   | 25.9 | 3041     | 3278 |
| 55     | Lapua       | FMJ            | 2.244 | N140   | 24.8   | 27.3 | 3009     | 3294 |
| 55     | Lapua       | Soft Point     | 2.224 | N120   | 16.8   | 20.2 | 2690     | 3081 |
| 55     | Lapua       | Soft Point     | 2.224 | N130   | 18.7   | 21.9 | 2812     | 3146 |
| 55     | Lapua       | Soft Point     | 2.224 | N133   | 21.0   | 24.1 | 2874     | 3215 |
| 55     | Lapua       | Soft Point     | 2.224 | N530   | 22.2   | 24.8 | 2923     | 3264 |
| 55     | Lapua       | Soft Point     | 2.224 | N135   | 22.1   | 25.3 | 2949     | 3294 |
| 55     | Lapua       | Soft Point     | 2.224 | N140   | 24.2   | 26.9 | 3002     | 3327 |
| 60     | Berger      | FB Varmint     | 2.260 | N133   | 21.5   | 24.2 | 2782     | 3107 |
| 60     | Berger      | FB Varmint     | 2.260 | N530   | 22.4   | 24.4 | 2822     | 3156 |
| 60     | Berger      | FB Varmint     | 2.260 | N135   | 23.0   | 25.8 | 2822     | 3140 |
| 60     | Berger      | FB Varmint     | 2.260 | N140   | 23.9   | 26.2 | 2818     | 3068 |
| 60     | Berger      | FB Varmint     | 2.260 | N540   | 24.8   | 27.2 | 2897     | 3219 |
| 60     | Hornady     | HP             | 2.244 | N130   | 20.5   | 23.1 | 2867     | 3173 |
| 60     | Hornady     | HP             | 2.244 | N133   | 22.1   | 24.7 | 2913     | 3209 |
| 60     | Hornady     | HP             | 2.244 | N135   | 23.1   | 25.8 | 2930     | 3202 |
| 60     | Hornady     | HP             | 2.244 | N140   | 25.0   | 26.8 | 2936     | 3166 |
| 62     | Barnes      | TAC-X BT       | 2.260 | N133   | 20.7   | 23.1 | 2730     | 2966 |
| 62     | Barnes      | TAC-X BT       | 2.260 | N530   | 21.6   | 24.4 | 2694     | 3100 |

| Bullet |         |             |       | Powder | Load   |      |          |      |
|--------|---------|-------------|-------|--------|--------|------|----------|------|
| gr     |         |             | inch  |        | gr     |      | fps      |      |
| Weight | Mfg     | Type        | C.O.L | Type   | Weight |      | Velocity |      |
|        |         |             |       |        | start  | max  | start    | max  |
| 62     | Barnes  | TAC-X BT    | 2.260 | N135   | 21.0   | 25.2 | 2618     | 3054 |
| 62     | Barnes  | TAC-X BT    | 2.260 | N140   | 23.5   | 26.2 | 2694     | 3031 |
| 62     | Barnes  | TAC-X BT    | 2.260 | N540   | 23.9   | 27.2 | 2756     | 3159 |
| 62     | Barnes  | TTSX BT     | 2.244 | N133   | 19.9   | 22.2 | 2694     | 2966 |
| 62     | Barnes  | TTSX BT     | 2.244 | N530   | 21.5   | 23.3 | 2746     | 3035 |
| 62     | Barnes  | TTSX BT     | 2.244 | N135   | 21.1   | 23.3 | 2736     | 3022 |
| 62     | Barnes  | TTSX BT     | 2.244 | N140   | 24.2   | 26.2 | 2779     | 2976 |
| 62     | Barnes  | TTSX BT     | 2.244 | N540   | 23.9   | 26.9 | 2805     | 3146 |
| 62     | Speer   | FMJBT       | 2.260 | N530   | 22.1   | 24.1 | 2825     | 3127 |
| 62     | Speer   | FMJBT       | 2.260 | N135   | 22.1   | 24.7 | 2795     | 3091 |
| 62     | Speer   | FMJBT       | 2.260 | N140   | 25.0   | 26.2 | 2956     | 3094 |
| 62     | Swift   | Scirocco II | 2.260 | N530   | 21.1   | 23.8 | 2661     | 2982 |
| 62     | Swift   | Scirocco II | 2.260 | N135   | 21.0   | 24.4 | 2572     | 2972 |
| 62     | Swift   | Scirocco II | 2.260 | N140   | 23.5   | 26.7 | 2638     | 3015 |
| 62     | Swift   | Scirocco II | 2.260 | N540   | 23.8   | 26.5 | 2720     | 3087 |
| 65     | Sierra  | SBT         | 2.244 | N130   | 19.0   | 21.0 | 2687     | 2927 |
| 65     | Sierra  | SBT         | 2.244 | N133   | 20.7   | 22.7 | 2733     | 2989 |
| 65     | Sierra  | SBT         | 2.244 | N135   | 21.6   | 23.8 | 2766     | 3025 |
| 65     | Sierra  | SBT         | 2.244 | N140   | 23.8   | 25.6 | 2808     | 3054 |
| 65     | Sierra  | SBT         | 2.244 | N540   | 23.5   | 25.6 | 2769     | 3058 |
| 69     | Lapua   | Scenar      | 2.260 | N133   | 20.2   | 21.9 | 2589     | 2785 |
| 69     | Lapua   | Scenar      | 2.260 | N530   | 21.1   | 22.7 | 2654     | 2851 |
| 69     | Lapua   | Scenar      | 2.260 | N135   | 21.1   | 23.0 | 2612     | 2828 |
| 69     | Lapua   | Scenar      | 2.260 | N140   | 22.8   | 24.7 | 2700     | 2884 |
| 69     | Lapua   | Scenar      | 2.260 | N540   | 23.1   | 25.5 | 2648     | 2936 |
| 69     | Sierra  | HPBT        | 2.244 | N133   | 20.7   | 22.8 | 2598     | 2844 |
| 69     | Sierra  | HPBT        | 2.244 | N135   | 21.6   | 23.8 | 2638     | 2871 |
| 69     | Sierra  | HPBT        | 2.244 | N140   | 23.6   | 25.9 | 2690     | 2943 |
| 69     | Sierra  | HPBT        | 2.244 | N540   | 24.1   | 26.4 | 2703     | 2986 |
| 70     | Hornady | GMX         | 2.240 | N133   | 19.3   | 20.2 | 2552     | 2667 |
| 70     | Hornady | GMX         | 2.240 | N530   | 19.3   | 21.1 | 2474     | 2736 |
| 70     | Hornady | GMX         | 2.240 | N135   | 19.3   | 21.8 | 2467     | 2740 |
| 70     | Hornady | GMX         | 2.240 | N140   | 21.6   | 24.5 | 2497     | 2828 |
| 70     | Hornady | GMX         | 2.240 | N540   | 21.9   | 24.4 | 2523     | 2854 |
| 73     | Berger  | BT Target   | 2.260 | N133   | 18.5   | 21.8 | 2451     | 2697 |
| 73     | Berger  | BT Target   | 2.260 | N530   | 20.5   | 23.1 | 2533     | 2910 |
| 73     | Berger  | BT Target   | 2.260 | N135   | 20.2   | 23.3 | 2438     | 2805 |
| 73     | Berger  | BT Target   | 2.260 | N140   | 21.9   | 25.3 | 2503     | 2871 |

| Bullet |         |                 |       | Powder | Load   |      |          |      |
|--------|---------|-----------------|-------|--------|--------|------|----------|------|
| gr     |         |                 | inch  |        | gr     |      | fps      |      |
| Weight | Mfg     | Type            | C.O.L | Type   | Weight |      | Velocity |      |
|        |         |                 |       |        | start  | max  | start    | max  |
| 73     | Berger  | BT Target       | 2.260 | N540   | 22.7   | 25.5 | 2582     | 2949 |
| 75     | Berger  | VLD Target      | 2.260 | N133   | 18.7   | 21.9 | 2402     | 2746 |
| 75     | Berger  | VLD Target      | 2.260 | N530   | 20.8   | 23.1 | 2546     | 2894 |
| 75     | Berger  | VLD Target      | 2.260 | N135   | 20.8   | 23.8 | 2503     | 2835 |
| 75     | Berger  | VLD Target      | 2.260 | N140   | 22.2   | 25.5 | 2530     | 2877 |
| 75     | Berger  | VLD Target      | 2.260 | N540   | 22.7   | 25.9 | 786      | 2963 |
| 75     | Hornady | BTHP            | 2.260 | N135   | 20.7   | 23.3 | 2467     | 2723 |
| 75     | Hornady | BTHP            | 2.260 | N140   | 22.1   | 25.0 | 2474     | 2766 |
| 75     | Hornady | BTHP            | 2.260 | N540   | 23.1   | 25.8 | 2536     | 2831 |
| 75     | Hornady | ELD Match       | 2.260 | N530   | 20.5   | 23.3 | 2549     | 2910 |
| 75     | Hornady | ELD Match       | 2.260 | N135   | 21.3   | 24.4 | 2513     | 2874 |
| 75     | Hornady | ELD Match       | 2.260 | N140   | 22.8   | 26.2 | 2523     | 2917 |
| 75     | Hornady | ELD Match       | 2.260 | N540   | 22.7   | 25.8 | 2595     | 2956 |
| 75     | Swift   | Scirocco II     | 2.260 | N530   | 19.8   | 22.4 | 2323     | 2671 |
| 75     | Swift   | Scirocco II     | 2.260 | N135   | 19.0   | 22.4 | 2290     | 2608 |
| 75     | Swift   | Scirocco II     | 2.260 | N140   | 21.8   | 25.0 | 2356     | 2674 |
| 75     | Swift   | Scirocco II     | 2.260 | N540   | 22.1   | 25.3 | 2438     | 2776 |
| 77     | Lapua   | Scenar          | 2.260 | N530   | 19.3   | 22.2 | 2336     | 2664 |
| 77     | Lapua   | Scenar          | 2.260 | N135   | 18.8   | 21.5 | 2300     | 2635 |
| 77     | Lapua   | Scenar          | 2.260 | N140   | 20.8   | 24.2 | 2310     | 2628 |
| 77     | Lapua   | Scenar          | 2.260 | N540   | 21.8   | 24.5 | 2362     | 2671 |
| 77     | Sierra  | HPBT            | 2.260 | N530   | 19.8   | 22.1 | 2336     | 2608 |
| 77     | Sierra  | HPBT            | 2.260 | N135   | 19.6   | 22.5 | 2316     | 2595 |
| 77     | Sierra  | HPBT            | 2.260 | N140   | 21.0   | 24.7 | 2336     | 2657 |
| 77     | Sierra  | HPBT            | 2.260 | N540   | 22.7   | 25.3 | 2428     | 2717 |
| 77     | Sierra  | TMK             | 2.260 | N530   | 20.2   | 22.7 | 2441     | 2789 |
| 77     | Sierra  | TMK             | 2.260 | N135   | 19.9   | 23.0 | 2375     | 2707 |
| 77     | Sierra  | TMK             | 2.260 | N140   | 22.2   | 25.5 | 2441     | 2795 |
| 77     | Sierra  | TMK             | 2.260 | N540   | 22.5   | 25.2 | 2477     | 2854 |
| 80     | Sierra  | HPBT            | 2.551 | N530   | 20.0   | 23.1 | 2339     | 2630 |
| 80     | Sierra  | HPBT            | 2.551 | N135   | 18.8   | 21.6 | 2333     | 2587 |
| 80     | Sierra  | HPBT            | 2.551 | N140   | 20.7   | 23.0 | 2395     | 2646 |
| 80     | Sierra  | HPBT            | 2.551 | N540   | 21.4   | 23.7 | 2395     | 2652 |
| 80.5   | Berger  | Fullbore Target | 2.244 | N133   | 19.3   | 21.0 | 2444     | 2638 |
| 80.5   | Berger  | Fullbore Target | 2.244 | N530   | 20.5   | 22.5 | 2500     | 2740 |
| 80.5   | Berger  | Fullbore Target | 2.244 | N135   | 19.6   | 22.1 | 2428     | 2690 |
| 80.5   | Berger  | Fullbore Target | 2.244 | N140   | 21.9   | 24.4 | 2500     | 2753 |
| 80.5   | Berger  | Fullbore Target | 2.244 | N540   | 22.5   | 24.8 | 2556     | 2828 |

| Bullet |         |                          |       | Powder | Load   |      |          |      |
|--------|---------|--------------------------|-------|--------|--------|------|----------|------|
| gr     |         |                          |       | inch   |        | gr   |          | fps  |
| Weight | Mfg     | Type                     | C.O.L | Type   | Weight |      | Velocity |      |
|        |         |                          |       |        | start  | max  | start    | max  |
| 80.5   | Berger  | Fullbore Target          | 2.244 | N150   | 22.2   | 24.7 | 2543     | 2792 |
| 80.5   | Berger  | Fullbore Target          | 2.244 | N550   | 24.1   | 26.9 | 2523     | 2799 |
| 85.5   | Berger  | Long Range Hybrid Target | 2.323 | N133   | 19.3   | 21.3 | 2375     | 2602 |
| 85.5   | Berger  | Long Range Hybrid Target | 2.323 | N135   | 20.1   | 22.1 | 2408     | 2638 |
| 85.5   | Berger  | Long Range Hybrid Target | 2.323 | N140   | 21.9   | 23.9 | 2477     | 2710 |
| 85.5   | Berger  | Long Range Hybrid Target | 2.323 | N540   | 22.8   | 24.7 | 2523     | 2746 |
| 85.5   | Berger  | Long Range Hybrid Target | 2.323 | N150   | 22.4   | 24.7 | 2487     | 2700 |
| 88     | Hornady | ELD Match                | 2.323 | N133   | 19.3   | 21.3 | 2352     | 2559 |
| 88     | Hornady | ELD Match                | 2.323 | N530   | 19.3   | 21.8 | 2365     | 2605 |
| 88     | Hornady | ELD Match                | 2.323 | N135   | 20.1   | 21.9 | 2365     | 2575 |
| 88     | Hornady | ELD Match                | 2.323 | N140   | 21.6   | 23.5 | 2434     | 2631 |
| 88     | Hornady | ELD Match                | 2.323 | N540   | 21.9   | 24.2 | 2431     | 2687 |
| 88     | Hornady | ELD Match                | 2.323 | N150   | 21.9   | 23.1 | 2411     | 2539 |
| 90     | Berger  | HPBT                     | 2.457 | N140   | 19.3   | 21.8 | 2119     | 2411 |
| 90     | Berger  | HPBT                     | 2.457 | N540   | 20.7   | 23.0 | 2238     | 2490 |
| 90     | Berger  | HPBT                     | 2.457 | N150   | 19.4   | 22.5 | 2136     | 2431 |
| 90     | Sierra  | HPBT                     | 2.354 | N140   | 19.3   | 22.2 | 2100     | 2434 |
| 90     | Sierra  | HPBT                     | 2.354 | N540   | 20.7   | 23.5 | 2224     | 2500 |
| 90     | Sierra  | HPBT                     | 2.354 | N150   | 19.1   | 22.8 | 2126     | 2454 |