

ACCURACY AND CHRONOGRAPH DATA

Winchester Wildcat 22 LR 40-gr. Lead Roundnose	Colt New Frontier	Ruger Single Six
Average Velocity	933 fps	981 fps
Standard Deviation	18 fps	21 fps
Muzzle Energy	77 ft.-lbs.	85 ft.-lbs.
Smallest Group	1.8 in.	1.6 in.
Largest Group	2.6 in.	2.3 in.
Average Group	2.4 in.	2.2 in.

Federal Champion 22 LR 40-gr. solid	Colt New Frontier	Ruger Single Six
Average Velocity	1044 fps	1063 fps
Standard Deviation	33 fps	25 fps
Muzzle Energy	96 ft.-lbs.	100 ft.-lbs.
Smallest Group	2.3 in.	2.3 in.
Largest Group	2.9 in.	2.7 in.
Average Group	2.7 in.	2.5 in.

Fiocchi 22 Magnum 40-gr. JSP	Colt New Frontier	Ruger Single Six
Average Velocity	1199 fps	1380 fps
Standard Deviation	19 fps	8 fps
Muzzle Energy	127 ft.-lbs.	169 ft.-lbs.
Smallest Group	2.9 in.	1.8 in.
Largest Group	4.0 in.	2.5 in.
Average Group	3.5 in.	2.1 in.

CCI 22 Magnum 40-gr. Maxi Mag	Colt New Frontier	Ruger Single Six
Average Velocity	1209 fps	1377 fps
Standard Deviation	39 fps	22 fps
Muzzle Energy	129 ft.-lbs.	168 ft.-lbs.
Smallest Group	1.8 in.	1.8 in.
Largest Group	3.0 in.	2.3 in.
Average Group	2.4 in.	2.0 in.

Winchester 22 Magnum 36-gr. JHP	Colt New Frontier	Ruger Single Six
Average Velocity	1360 fps	1455 fps
Standard Deviation	29 fps	15 fps
Muzzle Energy	147 ft.-lbs.	168 ft.-lbs.
Smallest Group	2.0 in.	2.2 in.
Largest Group	3.0 in.	2.8 in.
Average Group	2.5 in.	2.4 in.

To collect accuracy data, we fired five-shot groups at 15 yards from a solid shooting bench. We used the Competition Electronics Pro Chronograph to collect velocity data, with the screens set 15 feet from the muzzle. To tabulate the results, we used the average of five groups of five shots each.