

ACCURACY AND CHRONOGRAPH DATA

CCI Green Tag 22LR

40-gr. LRN 0033

Average Velocity
Standard Deviation
Muzzle Energy
Smallest Group 25/50 yds.
Largest Group 25/50 yds.
Average Group 25/50 yds.

Ruger

SR-22R

1044 fps
14 fps
97 ft.-lbs.
0.6 in./0.8 in.
0.9 in./1.1 in.
0.8 in./1.0 in.

Legacy

Puma Wildcat

1029 fps
12 fps
94 ft.-lbs.
0.5 in./0.7 in.
1.0 in./1.0 in.
0.8 in./0.9 in.

Smith & Wesson

M&P 15-22

1034 fps
30 fps
95 ft.-lbs.
0.6 in./0.6 in.
0.9 in./1.1 in.
0.8 in./0.9 in.

Federal Champion 22LR

40-gr. Solid 510

Average Velocity
Standard Deviation
Muzzle Energy
Smallest Group 25 yds.
Largest Group 25 yds.
Average Group 25 yds.

Ruger

SR-22R

1154 fps
15 fps
118 ft.-lbs.
0.6 in.
1.1 in.
0.8 in.

Legacy

Puma Wildcat

1190 fps
9 fps
126 ft.-lbs.
1.0 in.
1.0 in.
1.0 in.

Smith & Wesson

M&P 15-22

1175 fps
7 fps
123 ft.-lbs.
1.0 in.
1.3 in.
1.1 in.

Federal 550 Value Pack 22LR

36-gr. Copper Plate HP

Average Velocity
Standard Deviation
Muzzle Energy
Smallest Group 25 yds.
Largest Group 25 yds.
Average Group 25 yds.

Ruger

SR-22R

1227 fps
29 fps
120 ft.-lbs.
0.8 in.
1.2 in.
1.0 in.

Legacy

Puma Wildcat

1229 fps
32 fps
121 ft.-lbs.
0.7 in.
1.0 in.
0.8 in.

Smith & Wesson

M&P 15-22

1207 fps
24 fps
116 ft.-lbs.
0.8 in.
1.1 in.
0.9 in.

To collect accuracy data, we fired five-shot groups from a sandbag. Distance: 25 yards with open sights, 50 yards with riflescope. We recorded velocities using an Oehler 35P chronograph, with the skyscreens set 10 feet from the muzzle.