

# Trajectory Chart for Common .22 Long Rifle Match Ammunition

(Assumes manufacturer's listed muzzle velocity, sight height = 1.65", Zero Range = 50 yds.)

Brand & Load	CCI Standard Velocity/ Green Tab/ Pistol Match - 40g 1070 fps			Aguila Match Rifle - 40g 1080 fps			Eley Club - 40g 1085 fps			Federal Match - 40g 1140 fps			Fiocchi Match - 40g 1050 fps			Lapua Club - 40g 1050 fps		
Range (yards)	Drop (inch)	Drop (mrad)	Drop (MOA)	Drop (inch)	Drop (mrad)	Drop (MOA)	Drop (inch)	Drop (mrad)	Drop (MOA)	Drop (inch)	Drop (mrad)	Drop (MOA)	Drop (inch)	Drop (mrad)	Drop (MOA)	Drop (inch)	Drop (mrad)	Drop (MOA)
10	-0.7	-1.8	-6.4	-0.7	-1.9	-6.6	-0.7	-1.9	-6.6	-0.7	-2.1	-7.1	-0.7	-1.8	-6.2	-0.6	-1.8	-6.4
20	0.0	0.0	0.1	0.0	-0.1	-0.2	0.0	-0.1	-0.2	-0.1	-0.2	-0.6	0.0	0.0	0.1	0.0	0.1	0.2
30	0.4	0.3	1.1	0.3	0.3	0.9	0.3	0.3	1.0	0.2	0.2	0.7	0.4	0.3	1.2	0.4	0.4	1.2
40	0.4	0.2	0.8	0.3	0.2	0.7	0.3	0.2	0.8	0.3	0.2	0.6	0.4	0.2	0.9	0.4	0.3	0.9
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60	-0.7	-0.3	-1.1	-0.6	-0.3	-1.0	-0.7	-0.3	-1.0	-0.6	-0.3	-0.9	-0.7	-0.3	-1.1	-0.7	-0.3	-1.2
70	-1.8	-0.7	-2.4	-1.6	-0.6	-2.2	-1.7	-0.7	-2.3	-1.5	-0.6	-2.0	-1.8	-0.7	-2.5	-1.9	-0.7	-2.6
80	-3.3	-1.2	-3.9	-3.0	-1.0	-3.5	-3.0	-1.1	-3.6	-2.7	-0.9	-3.3	-3.3	-1.1	-3.9	-3.4	-1.2	-4.1
90	-5.2	-1.6	-5.6	-4.6	-1.4	-4.9	-4.8	-1.5	-5.1	-4.3	-1.3	-4.6	-5.4	-1.6	-5.6	-5.3	-1.6	-5.7
100	-7.6	-2.1	-7.0	-6.7	-1.9	-6.4	-6.9	-1.9	-6.6	-6.3	-1.7	-6.0	-7.4	-2.1	-7.1	-7.7	-2.1	-7.3
110	-10.3	-2.6	-8.7	-9.1	-2.3	-7.9	-9.4	-2.4	-8.1	-8.6	-2.2	-7.4	-10.1	-2.5	-8.8	-10.5	-2.6	-9.1
120	-13.5	-3.1	-10.4	-11.9	-2.7	-9.5	-12.3	-2.8	-9.8	-11.2	-2.6	-8.9	-13.2	-3.1	-10.5	-13.7	-3.2	-10.9
130	-17.2	-3.7	-12.2	-15.0	-3.2	-11.0	-15.6	-3.3	-11.4	-14.3	-3.1	-10.5	-16.7	-3.6	-12.3	-17.4	-3.7	-12.8
140	-21.3	-4.2	-14.1	-18.6	-3.7	-12.7	-19.3	-3.8	-13.1	-17.7	-3.5	-12.1	-20.7	-4.1	-14.1	-21.5	-4.3	-14.7
150	-25.9	-4.8	-15.9	-22.5	-4.2	-14.3	-23.4	-4.3	-14.9	-21.6	-4.0	-13.7	-25.1	-4.6	-16.0	-26.1	-4.8	-16.6
160	-31.0	-5.4	-17.9	-26.9	-4.7	-16.0	-27.9	-4.9	-16.7	-25.8	-4.5	-15.4	-29.9	-5.2	-17.9	-31.2	-5.4	-18.6
170	-36.6	-6.0	-19.8	-31.6	-5.2	-17.8	-32.9	-5.4	-18.5	-30.5	-5.0	-17.1	-35.3	-5.8	-19.8	-36.8	-6.0	-20.7
180	-42.7	-6.6	-21.9	-36.8	-5.7	-19.5	-38.4	-5.9	-20.4	-35.5	-5.5	-18.9	-41.1	-6.3	-21.8	-43.0	-6.6	-22.8
190	-49.3	-7.2	-23.9	-42.4	-6.2	-21.3	-44.3	-6.5	-22.2	-41.0	-6.0	-20.6	-47.3	-6.9	-23.8	-49.6	-7.2	-24.9
200	-56.5	-7.9	-26.0	-48.4	-6.7	-23.1	-50.6	-7.0	-24.2	-47.0	-6.5	-22.4	-54.1	-7.5	-25.8	-56.8	-7.9	-27.1
210	-64.3	-8.5	-28.1	-54.8	-7.3	-24.9	-57.4	-7.6	-26.1	-53.4	-7.1	-24.3	-61.4	-8.1	-27.9	-64.5	-8.5	-29.3
220	-72.6	-9.2	-30.3	-61.7	-7.8	-26.8	-64.7	-8.2	-28.1	-60.3	-7.6	-26.2	-69.2	-8.7	-30.0	-72.8	-9.2	-31.6
230	-81.6	-9.8	-32.5	-69.0	-8.3	-28.7	-72.5	-8.8	-30.1	-67.6	-8.2	-28.1	-77.5	-9.4	-32.2	-81.6	-9.9	-33.9
240	-91.1	-10.5	-34.8	-76.8	-8.9	-30.6	-80.8	-9.4	-32.2	-75.4	-8.7	-30.0	-86.4	-10.0	-34.4	-91.1	-10.5	-36.2
250	-101.2	-11.2	-37.0	-85.1	-9.5	-32.5	-89.6	-10.0	-34.2	-83.7	-9.3	-32.0	-95.7	-10.6	-36.6	-101.2	-11.2	-38.6
260	-112.0	-12.0	-39.4	-93.8	-10.0	-34.3	-98.9	-10.6	-36.3	-92.4	-9.9	-33.9	-105.7	-11.3	-38.8	-111.8	-11.9	-41.1
270	-123.5	-12.7	-41.7	-102.9	-10.6	-36.4	-108.8	-11.2	-38.5	-101.7	-10.5	-36.0	-116.2	-12.0	-41.1	-123.1	-12.7	-43.5
280	-135.6	-13.4	-44.1	-112.6	-11.2	-38.4	-119.2	-11.8	-40.6	-111.5	-11.1	-38.0	-127.3	-12.6	-43.4	-135.0	-13.4	-46.0
290	-148.3	-14.2	-46.6	-122.7	-11.8	-40.4	-130.1	-12.5	-42.8	-121.8	-11.7	-40.1	-138.9	-13.3	-45.7	-147.6	-14.1	-48.6
300	-161.8	-15.0	-49.1	-133.4	-12.3	-42.5	-141.5	-13.1	-45.1	-132.6	-12.3	-42.2	-151.2	-14.0	-48.1	-160.8	-14.9	-51.2
310	-176.0	-15.8	-51.6	-144.5	-12.9	-44.5	-153.6	-13.8	-47.3	-144.0	-12.9	-44.4	-164.1	-14.7	-50.5	-174.8	-15.7	-53.8
320	-190.9	-16.6	-54.1	-156.1	-13.6	-46.6	-166.2	-14.4	-49.6	-156.0	-13.5	-46.5	-177.5	-15.4	-53.0	-189.4	-16.4	-56.5
330	-206.6	-17.4	-56.7	-168.3	-14.2	-48.7	-179.4	-15.1	-51.9	-168.4	-14.2	-48.7	-191.7	-16.1	-55.5	-204.8	-17.2	-59.3