



Bitterroot Valley Ammunition

3616 Eastside Highway
Stevensville, MT. 59870

Phone: 406-777-5670

Fax: 406-777-2372

Email: mail@bvac-ammo.com

Ballistic Table

Courtesy of



Ballistic Suite

BV223-1N

55 gr. FMJ - Full Metal Jacket

Calculation of Maximum **Point Blank Range** for a Vital Zone of: 4 inches (**2" High to 2" Low**)
Maximum Point Blank Range is 251 yards. Set Zero at 216 yards

Trajectory for Winchester .224 dia. 5.56mm, 55 gr. USA FMJ at 3139 Feet per Second

At an Elevation Angle of: 0 degrees

Range (Yards)	Velocity (Ft/Sec)	Energy (Ft/Lbs)	Momentum (Ft-Lbs)	Drop (inches)	Bullet Path (inches)	Wind Drift (inches)	Time of Flight (Seconds)
0	3139	1203.1	0.77	0	-1.5	0	0
25	3045.9	1132.8	0.74	-0.11	-0.29	0	0.024255758
50	2954.8	1066.1	0.72	-0.46	0.68	0	0.049256112
75	2865.6	1002.7	0.7	-1.05	1.4	0	0.075031105
100	2778.1	942.4	0.68	-1.91	1.86	0	0.101612917
125	2692.4	885.2	0.66	-3.06	2.04	0	0.129036003
150	2608.4	830.8	0.64	-4.5	1.91	0	0.157337352
175	2525.9	779.1	0.62	-6.26	1.47	0	0.186556725
200	2444.8	729.8	0.6	-8.36	0.69	0	0.216737366
225	2365.3	683.1	0.58	-10.82	-0.46	0	0.247926321
250	2287.2	638.7	0.56	-13.68	-1.99	0	0.280172439
275	2210.5	596.6	0.54	-16.94	-3.94	0	0.313528265
300	2135.3	556.7	0.52	-20.66	-6.33	0	0.348050391
325	2061.5	518.9	0.5	-24.85	-9.21	0	0.383798693
350	1989.2	483.2	0.49	-29.55	-12.59	0	0.420836057
375	1918.5	449.4	0.47	-34.8	-16.52	0	0.459228704
400	1849.4	417.6	0.45	-40.64	-21.04	0	0.499046259
425	1782	387.8	0.44	-47.11	-26.2	0	0.540361102
450	1716.4	359.7	0.42	-54.27	-32.04	0	0.583247344
475	1652.8	333.5	0.4	-62.17	-38.62	0	0.627779934
500	1591.1	309.1	0.39	-70.86	-45.99	0	0.674033951
525	1531.6	286.4	0.37	-80.42	-54.23	0	0.722083808
550	1474.4	265.4	0.36	-90.89	-63.38	0	0.772000487
575	1419.6	246.1	0.35	-102.37	-73.54	0	0.823849152
600	1367.5	228.3	0.33	-114.93	-84.78	0	0.877687586