



Bitterroot Valley Ammunition

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Ballistic Table

Courtesy of



Ballistic Suite

BV220SW-Fusion

55 gr. Fusion

Calculation of Maximum **Point Blank Range** for a Vital Zone of: 4 inches (**2" High to 2" Low**)
Maximum Point Blank Range is 252 yards. Set Zero at 214 yards

Trajectory for Federal .224 dia. 220 Swift, 55 gr. Fusion at 3397 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	3397	1409	0.83	0	-0.5	0	0
25	3299.5	1329.3	0.81	-0.1	0.42	0	0.02240267
50	3204.2	1253.7	0.78	-0.39	1.15	0	0.045469316
75	3111.1	1181.8	0.76	-0.9	1.66	0	0.06922407
100	3017.9	1112.1	0.74	-1.63	1.95	0	0.093699705
125	2926.4	1045.7	0.71	-2.6	2	0	0.118937198
150	2836.7	982.6	0.69	-3.82	1.79	0	0.144968188
175	2748.9	922.7	0.67	-5.32	1.32	0	0.171826323
200	2662.8	865.8	0.65	-7.1	0.56	0	0.199547673
225	2578.4	811.8	0.63	-9.19	-0.51	0	0.228171071
250	2492.6	758.6	0.61	-11.6	-1.9	0	0.257749412
275	2406.7	707.2	0.59	-14.37	-3.65	0	0.288371309
300	2322.5	658.6	0.57	-17.51	-5.77	0	0.320094667
325	2240	612.7	0.55	-21.05	-8.29	0	0.352977173
350	2159.1	569.2	0.53	-25.02	-11.25	0	0.387081511
375	2079.8	528.2	0.51	-29.46	-14.67	0	0.422474732
400	1999.6	488.2	0.49	-34.41	-18.59	0	0.459242735
425	1919.5	449.9	0.47	-39.9	-23.06	0	0.497526581
450	1841.4	414	0.45	-45.97	-28.12	0	0.537421536
475	1763.7	379.8	0.43	-52.69	-33.82	0	0.579029609
500	1686.4	347.2	0.41	-60.11	-40.21	0	0.622520983
525	1611.8	317.2	0.39	-68.29	-47.38	0	0.668016596
550	1540.2	289.7	0.38	-77.31	-55.37	0	0.715622777
575	1471.9	264.5	0.36	-87.24	-64.29	0	0.765441734
600	1407.1	241.8	0.34	-98.18	-74.21	0	0.817566485