



Bitterroot Valley Ammunition

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Ballistic Table

Courtesy of



Ballistic Suite

BV22-250-4VPN

55 gr. PSP

Calculation of Maximum **Point Blank Range** for a Vital Zone of: 4 inches (**2" High to 2" Low**)

Maximum Point Blank Range is 243 yards. Set Zero at 207 yards

Trajectory for .224 dia. 55 gr. PSP 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	3272.8	1307.9	0.8	-0.1	0.44	0	0.022494279
50	3152.1	1213.2	0.77	-0.4	1.17	0	0.045845789
75	3034.9	1124.6	0.74	-0.91	1.68	0	0.070095194
100	2920.7	1041.6	0.71	-1.67	1.96	0	0.095286911
125	2809.5	963.8	0.69	-2.68	1.98	0	0.121469433
150	2701.1	890.8	0.66	-3.96	1.73	0	0.148695622
175	2595.3	822.4	0.63	-5.54	1.18	0	0.17702321
200	2491.9	758.2	0.61	-7.45	0.31	0	0.206515431
225	2390.8	698	0.58	-9.7	-0.92	0	0.237242845
250	2292.1	641.5	0.56	-12.34	-2.52	0	0.269281586
275	2195.7	588.7	0.54	-15.38	-4.54	0	0.302713778
300	2101.5	539.2	0.51	-18.88	-7	0	0.337629459
325	2009.7	493.2	0.49	-22.87	-9.96	0	0.374125133
350	1920.4	450.3	0.47	-27.4	-13.46	0	0.412303608
375	1833.5	410.5	0.45	-32.52	-17.55	0	0.452274449
400	1749.5	373.7	0.43	-38.29	-22.28	0	0.494152696
425	1668.3	339.9	0.41	-44.76	-27.73	0	0.538056452
450	1590.4	308.8	0.39	-52.02	-33.95	0	0.584104613
475	1515.8	280.6	0.37	-60.14	-41.04	0	0.632415143
500	1445	255	0.35	-69.2	-49.07	0	0.6830993
525	1378.2	231.9	0.34	-79.3	-58.14	0	0.736255899
550	1315.8	211.4	0.32	-90.55	-68.35	0	0.791964511
575	1258.2	193.3	0.31	-103.05	-79.82	0	0.850274492
600	1205.7	177.5	0.29	-116.93	-92.67	0	0.911191807