



Bitterroot Valley Ammunition

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Ballistic Table

Courtesy of



Ballistic Suite

BV50BMG-3N

690 gr. FMJ

Calculation of Maximum **Point Blank Range** for a Vital Zone of: 4 inches (**2" High to 2" Low**)
Maximum Point Blank Range is 245 yards. Set Zero at 208 yards

Trajectory for Custom .51 50 BMG 690 M2 at 2900 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	2900	12883	8.88	0	-1	0	0
25	2864.7	12571	8.78	-0.13	0.14	0	0.026021114
50	2829.6	12265	8.67	-0.53	1.02	0	0.052363821
75	2794.9	11966	8.56	-1.19	1.62	0	0.079033482
100	2760.4	11672	8.46	-2.14	1.95	0	0.106035606
125	2726.2	11385	8.35	-3.36	2	0	0.133375859
150	2692.2	11103	8.25	-4.89	1.75	0	0.161060067
175	2658.5	10827	8.14	-6.71	1.2	0	0.189094234
200	2625.1	10556	8.04	-8.84	0.34	0	0.217484553
225	2591.9	10291	7.94	-11.28	-0.83	0	0.246237429
250	2559	10031	7.84	-14.05	-2.33	0	0.275359357
275	2526.3	9776.6	7.74	-17.14	-4.15	0	0.304856938
300	2493.8	9526.9	7.64	-20.58	-6.32	0	0.334737422
325	2461.6	9282	7.54	-24.37	-8.84	0	0.365008291
350	2429.6	9042.1	7.44	-28.52	-11.71	0	0.395677056
375	2397.8	8807.1	7.35	-33.03	-14.95	0	0.426751262
400	2366.2	8576.9	7.25	-37.92	-18.57	0	0.458238574
425	2334.9	8351.5	7.15	-43.2	-22.58	0	0.490146861
450	2303.9	8130.7	7.06	-48.88	-26.99	0	0.522484255
475	2273	7914.5	6.96	-54.97	-31.8	0	0.555259171
500	2242.4	7702.7	6.87	-61.48	-37.04	0	0.588480303
525	2212	7495.3	6.78	-68.42	-42.71	0	0.622156597
550	2181.8	7292.2	6.68	-75.8	-48.82	0	0.656297226
575	2151.9	7093.5	6.59	-83.64	-55.39	0	0.690911565
600	2122.2	6899	6.5	-91.95	-62.43	0	0.726009174
625	2092.7	6708.7	6.41	-100.74	-69.95	0	0.761599797

650	2063.5	6522.5	6.32	-110.03	-77.96	0	0.797693367
675	2034.5	6340.5	6.23	-119.83	-86.49	0	0.834300018
700	2005.7	6162.6	6.14	-130.15	-95.54	0	0.8714301
725	1977.2	5988.7	6.06	-141.01	-105.13	0	0.909094188
750	1949	5818.8	5.97	-152.43	-115.27	0	0.947303084
775	1921	5652.7	5.89	-164.42	-125.99	0	0.986067812
800	1893.2	5490.6	5.8	-177	-137.3	0	1.025399598
825	1865.7	5332.3	5.72	-190.19	-149.21	0	1.065309854
850	1838.5	5177.8	5.63	-203.99	-161.75	0	1.105810143
875	1811.5	5027	5.55	-218.45	-174.93	0	1.146912149
900	1784.9	4880.1	5.47	-233.56	-188.77	0	1.188627658
925	1758.5	4736.8	5.39	-249.36	-203.29	0	1.23096853
950	1732.4	4597.3	5.31	-265.85	-218.52	0	1.273946687
975	1706.6	4461.4	5.23	-283.08	-234.47	0	1.317574104
1000	1681.1	4329.1	5.15	-301.04	-251.17	0	1.361862775