



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

BV6.8-2N

115 gr. Sierra HPBT Match

Calculation of Maximum **Point Blank Range** for a Vital Zone of: 4 inches (**2" High to 2" Low**)
Maximum Point Blank Range is 215 yards. Set Zero at 185 yards

Trajectory for Sierra .277 6.8 115 HPBT Match at 2600 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	2600	1725.9	1.33	0	-1.5	0	0
25	2530.8	1635.2	1.29	-0.16	-0.09	0	0.029238084
50	2462.6	1548.2	1.26	-0.67	0.97	0	0.059280864
75	2395.3	1464.9	1.22	-1.53	1.68	0	0.090161425
100	2329	1384.9	1.19	-2.77	2.01	0	0.121915152
125	2263.7	1308.3	1.16	-4.41	1.95	0	0.154579176
150	2199.4	1235	1.12	-6.47	1.45	0	0.188191934
175	2136.1	1164.9	1.09	-8.98	0.51	0	0.222794164
200	2073.8	1098	1.06	-11.97	-0.91	0	0.258428484
225	2012.7	1034.2	1.03	-15.47	-2.83	0	0.295139289
250	1952.6	973.4	1	-19.5	-5.29	0	0.332972935
275	1893.6	915.5	0.97	-24.1	-8.32	0	0.371977866
300	1835.8	860.4	0.94	-29.31	-11.96	0	0.412204428
325	1775.5	804.8	0.91	-35.16	-16.24	0	0.453720431
350	1710	746.6	0.87	-41.7	-21.21	0	0.496765966
375	1646.6	692.2	0.84	-48.98	-26.93	0	0.54146518
400	1459.9	544.2	0.75	-57.07	-33.44	0	0.588372069
425	1058.2	285.9	0.54	-66.25	-41.05	0	0.649792015
450	887.8	201.2	0.45	-77.35	-50.59	0	0.727802201
475	778.2	154.6	0.4	-91.22	-62.88	0	0.818250399
500	690.2	121.6	0.35	-108.68	-78.77	0	0.920715523
525	614.2	96.3	0.31	-130.72	-99.24	0	1.036013823
550	546.5	76.3	0.28	-158.54	-125.49	0	1.165587602
575	485.5	60.2	0.25	-193.69	-159.07	0	1.31135867
600	430.4	47.3	0.22	-238.11	-201.92	0	1.475687132