



Bitterroot Valley Ammunition

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Ballistic Table

Courtesy of



Ballistic Suite

BV223-6N

69 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 232 yards. Set Zero at 199 yards

Trajectory for Sierra Bullets .224 dia. 69 gr. HPBT MatchKing at 2824 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	2824	1221.6	0.87	0	-1.5	0	0
25	2747.8	1156.6	0.84	-0.14	-0.19	0	0.026925221
50	2673.2	1094.6	0.82	-0.57	0.84	0	0.054598472
75	2599.8	1035.4	0.8	-1.3	1.56	0	0.083048221
100	2527.7	978.7	0.77	-2.35	1.96	0	0.11230528
125	2456.6	924.5	0.75	-3.74	2.02	0	0.142402885
150	2386.7	872.6	0.73	-5.49	1.72	0	0.173377052
175	2317.9	823	0.71	-7.62	1.03	0	0.205264759
200	2250.2	775.6	0.69	-10.16	-0.05	0	0.238105186
225	2184.2	730.8	0.67	-13.13	-1.57	0	0.27193923
250	2121.1	689.2	0.65	-16.55	-3.54	0	0.306783773
275	2059.2	649.5	0.63	-20.46	-5.99	0	0.342670856
300	1998.2	611.7	0.61	-24.87	-8.96	0	0.379645326
325	1938.4	575.6	0.59	-29.83	-12.47	0	0.417754042
350	1879.7	541.3	0.58	-35.37	-16.56	0	0.457045935
375	1822.2	508.6	0.56	-41.53	-21.26	0	0.497571752
400	1765.9	477.7	0.54	-48.34	-26.62	0	0.539383537
425	1710.9	448.4	0.52	-55.84	-32.67	0	0.582534145
450	1657.3	420.7	0.51	-64.09	-39.47	0	0.627076813
475	1605.1	394.7	0.49	-73.13	-47.05	0	0.673064853
500	1554.4	370.1	0.48	-83.01	-55.49	0	0.720551344
525	1505.3	347.1	0.46	-93.79	-64.82	0	0.769587626
550	1457.9	325.6	0.45	-105.53	-75.1	0	0.820222157
575	1412.3	305.5	0.43	-118.3	-86.42	0	0.87249928
600	1368.5	286.9	0.42	-132.15	-98.82	0	0.926458765