



Bitterroot Valley Ammunition

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Ballistic Table

Courtesy of



Ballistic Suite

BV7MM08-1N

145 gr. Speer "Grand Slam"

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

Maximum Point Blank Range is 233 yards. Set Zero at 200 yards

Trajectory for Speer .284 dia. 145 gr. Grand Slam SP at 2812 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	2812	2545.5	1.81	0	-1.5	0	0
25	2741.4	2419.2	1.76	-0.14	-0.18	0	0.027013093
50	2671.8	2298	1.72	-0.57	0.84	0	0.054725652
75	2603.4	2181.8	1.68	-1.3	1.56	0	0.083162953
100	2536	2070.3	1.63	-2.36	1.96	0	0.112351779
125	2469.6	1963.3	1.59	-3.75	2.03	0	0.142320764
150	2404.1	1860.6	1.55	-5.49	1.73	0	0.173101109
175	2339.6	1762.1	1.51	-7.62	1.07	0	0.204724716
200	2276.2	1667.8	1.47	-10.14	0	0	0.237225004
225	2213.6	1577.4	1.43	-13.08	-1.48	0	0.270637675
250	2152	1490.8	1.39	-16.46	-3.41	0	0.305000613
275	2091.4	1408	1.35	-20.31	-5.81	0	0.340353477
300	2031.8	1328.9	1.31	-24.66	-8.7	0	0.376737534
325	1973.2	1253.4	1.27	-29.54	-12.12	0	0.414195781
350	1915.6	1181.3	1.23	-34.97	-16.1	0	0.452773107
375	1859.2	1112.7	1.2	-40.99	-20.67	0	0.492516234
400	1803.8	1047.4	1.16	-47.65	-25.87	0	0.533473369
425	1749.6	985.4	1.13	-54.97	-31.74	0	0.575693731
450	1696.7	926.7	1.09	-63	-38.32	0	0.619227165
475	1645	871.1	1.06	-71.79	-45.65	0	0.66412372
500	1594.7	818.7	1.03	-81.37	-53.78	0	0.710433547
525	1545.9	769.3	1	-91.82	-62.77	0	0.758206308
550	1498.5	722.9	0.96	-103.17	-72.67	0	0.80748982
575	1452.8	679.4	0.94	-115.49	-83.53	0	0.858329103
600	1408.7	638.8	0.91	-128.84	-95.43	0	0.910765334