



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

BV30-378-1N

180 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 268 yards. Set Zero at 230 yards

Trajectory for Speer .308 dia. 180 gr. Grand Slam SP at 3200 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	3200	4092	2.56	0	-1.5	0	0
25	3139.2	3937.9	2.51	-0.11	-0.34	0	0.02366375
50	3079.2	3788.8	2.46	-0.44	0.6	0	0.047787331
75	3020	3644.7	2.41	-0.99	1.31	0	0.072382131
100	2961.7	3505.2	2.37	-1.79	1.78	0	0.097460066
125	2904.1	3370.2	2.32	-2.83	2	0	0.123033602
150	2847.3	3239.7	2.28	-4.13	1.96	0	0.149115763
175	2791.2	3113.3	2.23	-5.7	1.66	0	0.17572016
200	2735.8	2991	2.19	-7.55	1.08	0	0.202861009
225	2681.2	2872.7	2.14	-9.68	0.21	0	0.230553179
250	2627.2	2758.1	2.1	-12.12	-0.96	0	0.258812257
275	2573.8	2647.3	2.06	-14.88	-2.45	0	0.28765464
300	2521.1	2540	2.01	-17.96	-4.27	0	0.317097239
325	2469	2436	1.97	-21.38	-6.43	0	0.347158456
350	2417.4	2335.4	1.93	-25.16	-8.94	0	0.377857717
375	2366.5	2238	1.89	-29.31	-11.83	0	0.409214649
400	2316.2	2143.9	1.85	-33.85	-15.1	0	0.441249506
425	2266.5	2052.8	1.81	-38.8	-18.78	0	0.473983587
450	2217.4	1964.8	1.77	-44.16	-22.88	0	0.50743935
475	2168.8	1879.7	1.73	-49.97	-27.42	0	0.541640284
500	2120.9	1797.5	1.7	-56.24	-32.43	0	0.576610743
525	2073.5	1718.2	1.66	-63	-37.92	0	0.612375858
550	2026.8	1641.6	1.62	-70.26	-43.91	0	0.648961553
575	1980.8	1567.8	1.58	-78.05	-50.43	0	0.686394626
600	1935.3	1496.7	1.55	-86.39	-57.51	0	0.724702807