



Bitterroot Valley Ammunition

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Ballistic Table

Courtesy of



Ballistic Suite

BV6mm-1N

100 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 248 yards. Set Zero at 213 yards

Trajectory for Speer .243 dia. 100 gr. Grand Slam SP at 2990 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	2990	1984.8	1.33	0	-1.5	0	0
25	2921.4	1894.7	1.3	-0.12	-0.26	0	0.02537659
50	2853.9	1808.2	1.27	-0.5	0.73	0	0.05135128
75	2787.4	1724.9	1.24	-1.15	1.45	0	0.077943009
100	2721.9	1644.8	1.21	-2.07	1.89	0	0.105171727
125	2657.4	1567.8	1.18	-3.29	2.03	0	0.133058473
150	2593.8	1493.6	1.15	-4.81	1.87	0	0.161625528
175	2531.2	1422.3	1.12	-6.66	1.39	0	0.190896332
200	2469.3	1353.7	1.1	-8.85	0.57	0	0.220895999
225	2408.3	1287.6	1.07	-11.39	-0.61	0	0.251651695
250	2348.1	1224.1	1.04	-14.31	-2.16	0	0.28319107
275	2288.8	1163	1.02	-17.62	-4.11	0	0.315542945
300	2230.4	1104.4	0.99	-21.35	-6.47	0	0.348737977
325	2172.7	1048	0.96	-25.51	-9.27	0	0.382808644
350	2115.9	993.9	0.94	-30.13	-12.53	0	0.417788939
375	2059.9	942	0.91	-35.24	-16.28	0	0.453714163
400	2004.8	892.3	0.89	-40.86	-20.53	0	0.490620955
425	1950.7	844.8	0.87	-47.02	-25.33	0	0.528547438
450	1897.4	799.2	0.84	-53.75	-30.7	0	0.567533278
475	1845.1	755.8	0.82	-61.09	-36.67	0	0.607619543
500	1793.7	714.3	0.8	-69.06	-43.28	0	0.648848385
525	1743.4	674.8	0.77	-77.71	-50.56	0	0.691262675
550	1694.2	637.2	0.75	-87.08	-58.56	0	0.73490575
575	1646.1	601.5	0.73	-97.2	-67.32	0	0.77982106
600	1599.2	567.7	0.71	-108.12	-76.88	0	0.826052178