



Bitterroot Valley Ammunition

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Ballistic Table

Courtesy of



Ballistic Suite

BV300H&H-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 252 yards. Set Zero at 216 yards

Trajectory for Speer .308 dia. 180 gr. Grand Slam SP at 2991 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	2991	3575	2.39	0	-1.5	0	0
25	2933	3437.8	2.34	-0.12	-0.27	0	0.025321922
50	2875.8	3305	2.3	-0.5	0.71	0	0.051145825
75	2819.4	3176.5	2.25	-1.14	1.42	0	0.077485019
100	2763.7	3052.2	2.21	-2.05	1.86	0	0.104353407
125	2708.7	2931.9	2.16	-3.24	2.02	0	0.131765523
150	2654.3	2815.5	2.12	-4.74	1.88	0	0.159736578
175	2600.7	2702.7	2.08	-6.54	1.43	0	0.18828255
200	2547.6	2593.7	2.04	-8.66	0.67	0	0.217420129
225	2495.2	2488.1	1.99	-11.11	-0.44	0	0.247166776
250	2443.4	2385.7	1.95	-13.92	-1.89	0	0.277541619
275	2392.1	2286.7	1.91	-17.09	-3.7	0	0.308564167
300	2341.5	2191	1.87	-20.63	-5.9	0	0.340254285
325	2291.5	2098.4	1.83	-24.58	-8.49	0	0.372632708
350	2242.1	2008.9	1.79	-28.94	-11.5	0	0.405721312
375	2193.3	1922.3	1.75	-33.73	-14.93	0	0.439543081
400	2145	1838.6	1.71	-38.97	-18.82	0	0.474121949
425	2097.4	1757.9	1.68	-44.68	-23.18	0	0.509482654
450	2050.3	1679.9	1.64	-50.89	-28.04	0	0.545650707
475	2003.9	1604.7	1.6	-57.61	-33.41	0	0.58265245
500	1958.2	1532.3	1.57	-64.88	-39.32	0	0.620515133
525	1913.1	1462.5	1.53	-72.71	-45.8	0	0.659266942
550	1868.6	1395.3	1.49	-81.14	-52.87	0	0.69893693
575	1824.8	1330.7	1.46	-90.19	-60.57	0	0.739554867
600	1781.8	1268.7	1.42	-99.89	-68.92	0	0.78115105