



Bitterroot Valley Ammunition

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Ballistic Table

Courtesy of



Ballistic Suite

BV280-1N

160 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 224 yards. Set Zero at 192 yards

Trajectory for Speer .284 dia. 160 gr. Grand Slam at 2650 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	2650	2494.5	1.88	0	-1.5	0	0
25	2592.4	2387.2	1.84	-0.16	-0.13	0	0.028614766
50	2535.5	2283.6	1.8	-0.64	0.92	0	0.057868283
75	2479.3	2183.5	1.76	-1.46	1.64	0	0.087781125
100	2423.8	2086.9	1.72	-2.63	2	0	0.118375594
125	2369	1993.6	1.68	-4.17	1.99	0	0.149674314
150	2315	1903.6	1.64	-6.1	1.59	0	0.181700601
175	2261.6	1816.8	1.61	-8.43	0.79	0	0.214479041
200	2208.8	1733.1	1.57	-11.19	-0.44	0	0.248035644
225	2156.8	1652.4	1.53	-14.39	-2.11	0	0.282397684
250	2105.4	1574.6	1.5	-18.06	-4.25	0	0.317593478
275	2054.8	1499.8	1.46	-22.22	-6.88	0	0.353652307
300	2004.9	1427.8	1.42	-26.9	-10.03	0	0.390604465
325	1955.7	1358.6	1.39	-32.11	-13.71	0	0.428481362
350	1907.3	1292.2	1.35	-37.9	-17.96	0	0.467315568
375	1859.6	1228.4	1.32	-44.28	-22.81	0	0.507140719
400	1812.8	1167.2	1.29	-51.28	-28.29	0	0.547991309
425	1766.7	1108.7	1.26	-58.95	-34.43	0	0.589902441
450	1721.6	1052.8	1.22	-67.32	-41.26	0	0.632909621
475	1677.3	999.3	1.19	-76.42	-48.83	0	0.677048603
500	1634	948.4	1.16	-86.29	-57.17	0	0.722355149
525	1591.7	899.9	1.13	-96.98	-66.33	0	0.768865116
550	1550.4	853.8	1.1	-108.52	-76.34	0	0.816613871
575	1510.1	810.1	1.07	-120.96	-87.25	0	0.865635604
600	1471	768.7	1.05	-134.36	-99.12	0	0.915962924