



Bitterroot Valley Ammunition

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Ballistic Table

Courtesy of



Ballistic Suite

BV30-06-9N

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 229 yards. Set Zero at 196 yards

Trajectory for Speer .308 dia. 180 gr. Grand Slam SP at 2698 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 | 2698 | 2908.9 | 2.16 | 0 | -1.5 | 0 | 0 |
| 25 | 2643.8 | 2793.2 | 2.11 | -0.15 | -0.15 | 0 | 0.028081984 |
| 50 | 2590.2 | 2681.2 | 2.07 | -0.61 | 0.88 | 0 | 0.056742094 |
| 75 | 2537.4 | 2572.8 | 2.03 | -1.4 | 1.59 | 0 | 0.085997096 |
| 100 | 2485.1 | 2467.8 | 1.99 | -2.52 | 1.97 | 0 | 0.115864788 |
| 125 | 2433.3 | 2366.1 | 1.94 | -4 | 1.99 | 0 | 0.146364454 |
| 150 | 2382.2 | 2267.8 | 1.9 | -5.84 | 1.65 | 0 | 0.177515634 |
| 175 | 2331.7 | 2172.6 | 1.86 | -8.06 | 0.92 | 0 | 0.209338322 |
| 200 | 2281.8 | 2080.7 | 1.82 | -10.69 | -0.21 | 0 | 0.241853458 |
| 225 | 2232.5 | 1991.7 | 1.78 | -13.73 | -1.75 | 0 | 0.275083139 |
| 250 | 2183.8 | 1905.7 | 1.75 | -17.21 | -3.73 | 0 | 0.309050543 |
| 275 | 2135.7 | 1822.6 | 1.71 | -21.14 | -6.17 | 0 | 0.343779763 |
| 300 | 2088.1 | 1742.4 | 1.67 | -25.55 | -9.08 | 0 | 0.379295678 |
| 325 | 2041.2 | 1665 | 1.63 | -30.45 | -12.49 | 0 | 0.415623951 |
| 350 | 1995 | 1590.4 | 1.59 | -35.88 | -16.42 | 0 | 0.452791086 |
| 375 | 1949.3 | 1518.5 | 1.56 | -41.86 | -20.89 | 0 | 0.490824509 |
| 400 | 1904.3 | 1449.2 | 1.52 | -48.4 | -25.94 | 0 | 0.529752573 |
| 425 | 1860 | 1382.5 | 1.49 | -55.55 | -31.59 | 0 | 0.569604477 |
| 450 | 1816.4 | 1318.4 | 1.45 | -63.32 | -37.87 | 0 | 0.610410099 |
| 475 | 1773.5 | 1256.9 | 1.42 | -71.75 | -44.8 | 0 | 0.652199808 |
| 500 | 1731.3 | 1197.8 | 1.38 | -80.87 | -52.42 | 0 | 0.695004306 |
| 525 | 1689.9 | 1141.2 | 1.35 | -90.72 | -60.77 | 0 | 0.738854527 |
| 550 | 1649.4 | 1087.1 | 1.32 | -101.33 | -69.88 | 0 | 0.783781418 |
| 575 | 1609.6 | 1035.3 | 1.29 | -112.73 | -79.79 | 0 | 0.829816041 |
| 600 | 1570.7 | 985.9 | 1.26 | -124.98 | -90.54 | 0 | 0.876989265 |