



Bitterroot Valley Ammunition

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Ballistic Table

Courtesy of



Ballistic Suite

BV223-2N

55 gr. PSP - Pointed Soft Point

Calculation of Maximum **Point Blank Range** for a Vital Zone of: 4 inches (**2" High to 2" Low**)
Maximum Point Blank Range is 238 yards. Set Zero at 206 yards

Trajectory for Winchester .224 dia. 22-250 Rem, 55 gr. PSP at 3139 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 | 3139 | 1203.1 | 0.77 | 0 | -1.5 | 0 | 0 |
| 25 | 3013.3 | 1108.7 | 0.74 | -0.11 | -0.27 | 0 | 0.024386941 |
| 50 | 2891.2 | 1020.7 | 0.71 | -0.47 | 0.72 | 0 | 0.049797407 |
| 75 | 2772.4 | 938.5 | 0.68 | -1.08 | 1.44 | 0 | 0.076288666 |
| 100 | 2656.8 | 861.9 | 0.65 | -1.97 | 1.89 | 0 | 0.10392356 |
| 125 | 2544.2 | 790.4 | 0.62 | -3.18 | 2.03 | 0 | 0.132771295 |
| 150 | 2434.3 | 723.5 | 0.59 | -4.72 | 1.83 | 0 | 0.162908614 |
| 175 | 2327 | 661.2 | 0.57 | -6.62 | 1.26 | 0 | 0.194421206 |
| 200 | 2222.5 | 603.1 | 0.54 | -8.93 | 0.3 | 0 | 0.227400938 |
| 225 | 2120.5 | 549.1 | 0.52 | -11.68 | -1.11 | 0 | 0.261949248 |
| 250 | 2021.3 | 498.9 | 0.49 | -14.91 | -3 | 0 | 0.298176171 |
| 275 | 1924.9 | 452.4 | 0.47 | -18.67 | -5.42 | 0 | 0.336199505 |
| 300 | 1831.5 | 409.6 | 0.45 | -23.02 | -8.43 | 0 | 0.376145418 |
| 325 | 1741.2 | 370.2 | 0.43 | -28.02 | -12.09 | 0 | 0.418147005 |
| 350 | 1654.3 | 334.2 | 0.4 | -33.73 | -16.46 | 0 | 0.462341079 |
| 375 | 1571.2 | 301.4 | 0.38 | -40.24 | -21.63 | 0 | 0.508865284 |
| 400 | 1492.1 | 271.9 | 0.36 | -47.63 | -27.68 | 0 | 0.557855065 |
| 425 | 1417.5 | 245.3 | 0.35 | -56 | -34.7 | 0 | 0.609435535 |
| 450 | 1347.6 | 221.8 | 0.33 | -65.44 | -42.81 | 0 | 0.663714078 |
| 475 | 1283.1 | 201 | 0.31 | -76.09 | -52.12 | 0 | 0.720768674 |
| 500 | 1224.3 | 183 | 0.3 | -88.05 | -62.74 | 0 | 0.780631865 |
| 525 | 1171.9 | 167.7 | 0.29 | -101.46 | -74.81 | 0 | 0.843275468 |
| 550 | 1125.9 | 154.8 | 0.27 | -116.46 | -88.47 | 0 | 0.908604619 |
| 575 | 1086.1 | 144 | 0.27 | -133.17 | -103.83 | 0 | 0.976468472 |
| 600 | 1051.9 | 135.1 | 0.26 | -151.72 | -121.04 | 0 | 1.046676037 |