



# Bitterroot Valley Ammunition

3616 Eastside Highway  
Stevensville, MT. 59870

Phone: 406-777-5670

Fax: 406-777-2372

Email: mail@bvac-ammo.com

## Ballistic Table

Courtesy of



Ballistic Suite

## BV45-70-1N

**400 gr. JFN (Jacketed Flat Nose) MODERN WEAPONS ONLY**

Calculation of Maximum **Point Blank Range** for a Vital Zone of: 4 inches (**2" High to 2" Low**)  
Maximum Point Blank Range is 157 yards. Set Zero at 135 yards

**Trajectory for Speer .458 dia. 400 gr. Flat Nose at 1900 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	1900	3205.8	3.37	0	-1.5	0	0
25	1829.3	2971.5	3.25	-0.31	0.34	0	0.040230572
50	1760.3	2751.8	3.13	-1.27	1.54	0	0.082026949
75	1693.4	2546.4	3.01	-2.93	2.03	0	0.125468224
100	1628.5	2355.1	2.89	-5.34	1.76	0	0.170634031
125	1565.8	2177.3	2.78	-8.58	0.68	0	0.217604085
150	1505.5	2012.7	2.67	-12.7	-1.29	0	0.266456232
175	1447.7	1861.2	2.57	-17.78	-4.22	0	0.317263461
200	1392.6	1722.1	2.47	-23.9	-8.19	0	0.37009151
225	1340.3	1595.4	2.38	-31.14	-13.28	0	0.424996193
250	1291.2	1480.5	2.29	-39.59	-19.57	0	0.482018235
275	1245.4	1377.3	2.21	-49.34	-27.17	0	0.541177154
300	1203.1	1285.4	2.14	-60.49	-36.17	0	0.602466204
325	1164.5	1204.3	2.07	-73.14	-46.67	0	0.66584919
350	1129.7	1133.3	2.01	-87.39	-58.78	0	0.731261639
375	1098.5	1071.5	1.95	-103.35	-72.58	0	0.798615177
400	1070.7	1018.1	1.9	-121.11	-88.18	0	0.867799961
425	1045.8	971.2	1.86	-140.76	-105.68	0	0.938705466
450	1023.2	929.7	1.82	-162.4	-125.17	0	1.011239555
475	1002.5	892.5	1.78	-186.11	-146.73	0	1.085325826
500	983.4	858.8	1.75	-211.98	-170.46	0	1.160900555
525	965.6	828	1.71	-240.11	-196.43	0	1.237910396
550	949	799.7	1.69	-270.56	-224.73	0	1.316310641
575	933.3	773.5	1.66	-303.43	-255.45	0	1.396063867
600	918.5	749.1	1.63	-338.8	-288.66	0	1.477138879