



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

BV454C-1N

300 gr. JHP

Calculation of Maximum **Point Blank Range** for a Vital Zone of: 4 inches (**2" High to 2" Low**)

Maximum Point Blank Range is 120 yards. Set Zero at 101 yards

Trajectory for .451 dia. 300 gr. JHP (454 Casull) at 1525 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	1525	1548.9	2.03	0	-0.5	0	0
10	1498.6	1495.8	2	-0.08	0.32	0	0.019844909
20	1472.7	1444.5	1.96	-0.31	0.99	0	0.040039072
30	1447.3	1395.2	1.93	-0.7	1.5	0	0.060587741
40	1422.5	1347.7	1.89	-1.25	1.85	0	0.081495963
50	1398.2	1302	1.86	-1.98	2.02	0	0.102768511
60	1374.5	1258.2	1.83	-2.89	2.02	0	0.12440962
70	1351.3	1216.2	1.8	-3.98	1.83	0	0.146422995
80	1328.8	1175.9	1.77	-5.26	1.45	0	0.168811858
90	1306.8	1137.4	1.74	-6.73	0.87	0	0.191578699
100	1285.5	1100.7	1.71	-8.41	0.09	0	0.214725195
110	1264.9	1065.7	1.68	-10.31	-0.9	0	0.238252128
120	1245	1032.3	1.66	-12.41	-2.11	0	0.262159333
130	1225.8	1000.7	1.63	-14.75	-3.54	0	0.286445658
140	1207.2	970.7	1.61	-17.31	-5.2	0	0.311108939
150	1189.5	942.3	1.58	-20.11	-7.1	0	0.336145937
160	1172.4	915.5	1.56	-23.16	-9.25	0	0.361552097
170	1156.1	890.2	1.54	-26.46	-11.65	0	0.387322221
180	1140.5	866.4	1.52	-30.02	-14.31	0	0.413450253
190	1125.7	844	1.5	-33.85	-17.24	0	0.439929261
200	1111.6	822.9	1.48	-37.95	-20.44	0	0.46675151
210	1098.1	803.1	1.46	-42.33	-23.92	0	0.493908529
220	1085.4	784.6	1.45	-47	-27.69	0	0.521390982
230	1073.3	767.3	1.43	-51.97	-31.76	0	0.54918951
240	1061.8	750.9	1.41	-57.24	-36.13	0	0.577295594
250	1050.8	735.4	1.4	-62.81	-40.8	0	0.605701428