



Bitterroot Valley Ammunition

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Ballistic Table

Courtesy of



Ballistic Suite

BV45C-4N

300 gr. JFP "Bear Load"

Calculation of Maximum **Point Blank Range** for a Vital Zone of: 4 inches (**2" High to 2" Low**)
Maximum Point Blank Range is 80 yards. Set Zero at 67 yards

Trajectory for .451 dia. 300 gr. JFP (45 Colt) at 950 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	950	601.1	1.27	0	-0.5	0	0
10	941.7	590.6	1.25	-0.19	0.72	0	0.031719207
20	933.6	580.5	1.24	-0.78	1.55	0	0.063716579
30	925.7	570.7	1.23	-1.76	1.98	0	0.095988828
40	918	561.3	1.22	-3.15	2.01	0	0.128532968
50	910.6	552.2	1.21	-4.96	1.62	0	0.1613463
60	903.3	543.4	1.2	-7.18	0.82	0	0.194426388
70	896.2	534.9	1.19	-9.82	-0.41	0	0.227771069
80	889.2	526.6	1.18	-12.9	-2.08	0	0.261378533
90	882.4	518.6	1.18	-16.42	-4.18	0	0.295247066
100	875.8	510.8	1.17	-20.39	-6.73	0	0.329375134
110	869.3	503.3	1.16	-24.81	-9.74	0	0.363761401
120	862.9	495.9	1.15	-29.68	-13.2	0	0.398404715
130	856.6	488.7	1.14	-35.03	-17.13	0	0.433304101
140	850.4	481.7	1.13	-40.85	-21.53	0	0.468458755
150	844.3	474.8	1.12	-47.15	-26.42	0	0.50386803
160	838.4	468.1	1.12	-53.94	-31.79	0	0.539531437
170	832.5	461.6	1.11	-61.22	-37.65	0	0.575448631
180	826.7	455.2	1.1	-69	-44.02	0	0.611619412
190	821	448.9	1.09	-77.29	-50.9	0	0.648043715
200	815.4	442.8	1.09	-86.1	-58.29	0	0.684721607
210	809.8	436.8	1.08	-95.43	-66.21	0	0.721653282
220	804.3	430.9	1.07	-105.29	-74.65	0	0.758839058
230	798.9	425.1	1.06	-115.69	-83.63	0	0.79627938
240	793.5	419.4	1.06	-126.64	-93.16	0	0.833974969
250	788.3	413.8	1.05	-138.13	-103.24	0	0.87192628