



Bitterroot Valley Ammunition

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Ballistic Table

Courtesy of  Ballistic Suite

BV30C-1N 30 Carbine 110 gr. FMJ

Calculation of Maximum **Point Blank Range** for a Vital Zone of: 4 inches (**2" High to 2" Low**)
Maximum Point Blank Range is 144 yards. Set Zero at 124 yards

Trajectory for PMC .308 dia., 30 Carbine, 110 gr. FMJ at 1888 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	1888	870.5	0.92	0	-1.5	0	0
25	1762.6	758.7	0.86	-0.32	0.41	0	0.041116407
50	1643.5	659.7	0.8	-1.34	1.62	0	0.085186894
75	1531.5	572.8	0.75	-3.16	2.03	0	0.132468288
100	1427.4	497.6	0.7	-5.92	1.5	0	0.18320799
125	1332.2	433.4	0.65	-9.73	-0.09	0	0.237617202
150	1247.1	379.8	0.61	-14.78	-2.9	0	0.295834852
175	1173.5	336.3	0.57	-21.22	-7.11	0	0.357875343
200	1111.8	301.9	0.54	-29.24	-12.9	0	0.42358863
225	1061.5	275.1	0.52	-39.01	-20.45	0	0.492681535
250	1019.7	253.9	0.5	-50.72	-29.92	0	0.564812096
275	984.1	236.5	0.48	-64.51	-41.48	0	0.639717858
300	952.7	221.7	0.47	-80.54	-55.28	0	0.717209486
325	924.7	208.8	0.45	-98.97	-71.48	0	0.797149183
350	899.2	197.4	0.44	-119.93	-90.22	0	0.879437251
375	875.6	187.2	0.43	-143.59	-111.64	0	0.964004429
400	853.6	177.9	0.42	-170.08	-135.91	0	1.05080473
425	832.9	169.4	0.41	-199.56	-163.15	0	1.139810204
450	813.2	161.5	0.4	-232.16	-193.53	0	1.231009223
475	794.4	154.1	0.39	-268.06	-227.2	0	1.324404412
500	776.3	147.2	0.38	-307.41	-264.31	0	1.42000921
525	758.9	140.7	0.37	-350.37	-305.04	0	1.517837836
550	742.2	134.5	0.36	-397.11	-349.55	0	1.617909227
575	726	128.7	0.35	-447.8	-398.01	0	1.720247871
600	710.3	123.2	0.35	-502.63	-450.61	0	1.824883329