



Bitterroot Valley Ammunition

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Ballistic Table

Courtesy of



Ballistic Suite

BV50AE-1N

325 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 106 yards. Set Zero at 89 yards

Trajectory for .500 dia. 325 gr. JHP (50 AE) at 1367 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	1367	1348.3	1.97	0	-0.5	0	0
10	1335.5	1286.9	1.93	-0.09	0.41	0	0.02220424
20	1305.2	1229.1	1.88	-0.38	1.13	0	0.044928531
30	1276.1	1174.9	1.84	-0.88	1.64	0	0.068176248
40	1248.2	1124.2	1.8	-1.58	1.94	0	0.091948428
50	1221.7	1077	1.76	-2.51	2.02	0	0.116243575
60	1196.6	1033.1	1.73	-3.68	1.86	0	0.141057556
70	1172.9	992.6	1.69	-5.08	1.46	0	0.166383038
80	1150.6	955.2	1.66	-6.74	0.81	0	0.192210302
90	1129.6	920.7	1.63	-8.66	-0.1	0	0.218527616
100	1110.1	889.1	1.6	-10.85	-1.29	0	0.245321018
110	1091.8	860.1	1.58	-13.33	-2.76	0	0.272574528
120	1074.9	833.6	1.55	-16.09	-4.52	0	0.300270386
130	1059	809.2	1.53	-19.16	-6.58	0	0.328391848
140	1044.1	786.6	1.51	-22.54	-8.95	0	0.356924103
150	1030.1	765.6	1.49	-26.23	-11.64	0	0.385853976
160	1016.8	746	1.47	-30.25	-14.66	0	0.415169711
170	1004.2	727.7	1.45	-34.61	-18.01	0	0.444860794
180	992.3	710.4	1.43	-39.32	-21.71	0	0.474917808
190	980.8	694.1	1.42	-44.37	-25.76	0	0.5053323
200	969.8	678.6	1.4	-49.79	-30.17	0	0.536096685
210	959.3	664	1.38	-55.58	-34.95	0	0.567204151
220	949.2	650.1	1.37	-61.74	-40.11	0	0.59864858
230	939.4	636.8	1.36	-68.3	-45.65	0	0.630424489
240	930	624.1	1.34	-75.24	-51.59	0	0.662526966
250	920.9	611.9	1.33	-82.59	-57.93	0	0.694951625