



Bitterroot Valley Ammunition

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Ballistic Table

Courtesy of



Ballistic Suite

BV22H-1N

35 gr. Hornady "V-Max"

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

Maximum Point Blank Range is 186 yards. Set Zero at 163 yards

Trajectory for Hornady .224 dia. 35 gr. V-Max at 2750 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	2750	587.6	0.43	0	-1.5	0	0
25	2544.3	503	0.4	-0.15	-0.04	0	0.028355374
50	2347.6	428.2	0.36	-0.64	1.08	0	0.05904433
75	2159.6	362.4	0.34	-1.52	1.8	0	0.092354556
100	1980.4	304.7	0.31	-2.87	2.06	0	0.128622582
125	1810.6	254.7	0.28	-4.78	1.77	0	0.168234154
150	1651.3	211.9	0.26	-7.35	0.81	0	0.211618118
175	1504.3	175.8	0.23	-10.72	-0.95	0	0.259220903
200	1371.5	146.2	0.21	-15.05	-3.68	0	0.311466185
225	1255.4	122.5	0.2	-20.53	-7.56	0	0.368672154
250	1159	104.4	0.18	-27.4	-12.81	0	0.43092257
275	1083.4	91.2	0.17	-35.89	-19.69	0	0.497943557
300	1025.2	81.7	0.16	-46.22	-28.41	0	0.569183289
325	978.1	74.3	0.15	-58.62	-39.2	0	0.644137587
350	938.3	68.4	0.15	-73.29	-52.26	0	0.722474265
375	903.5	63.4	0.14	-90.42	-67.79	0	0.803975424
400	872.2	59.1	0.14	-110.22	-85.98	0	0.888502376
425	843.7	55.3	0.13	-132.87	-107.03	0	0.975973586
450	817.2	51.9	0.13	-158.58	-131.13	0	1.066348551
475	792.2	48.8	0.12	-187.55	-158.48	0	1.159622187
500	768.5	45.9	0.12	-219.98	-189.3	0	1.255814729
525	746	43.2	0.12	-256.09	-223.8	0	1.354952715
550	724.5	40.8	0.11	-296.11	-262.22	0	1.457074244
575	703.9	38.5	0.11	-340.28	-304.78	0	1.562229282
600	684	36.4	0.11	-388.84	-351.73	0	1.670478924