



# Bitterroot Valley Ammunition

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## Ballistic Table

Courtesy of



Ballistic Suite

## BV500SW-1N

350 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 124 yards. Set Zero at 105 yards

**Trajectory for .500 dia. 350 gr. JHP at 1700 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	1700	2245.6	2.64	0	-0.5	0	0
10	1653.3	2123.9	2.57	-0.06	0.26	0	0.017894998
20	1607.7	2008.3	2.5	-0.25	0.9	0	0.036296789
30	1563.2	1898.7	2.43	-0.57	1.4	0	0.05522162
40	1519.9	1795	2.36	-1.04	1.75	0	0.074685291
50	1477.9	1697.1	2.3	-1.65	1.96	0	0.09470289
60	1437.2	1605	2.23	-2.43	2.01	0	0.115288473
70	1397.9	1518.4	2.17	-3.37	1.89	0	0.136454993
80	1360.1	1437.3	2.11	-4.49	1.59	0	0.15821369
90	1323.8	1361.6	2.06	-5.8	1.1	0	0.180573635
100	1289.1	1291.2	2	-7.31	0.42	0	0.203541427
110	1256.1	1225.9	1.95	-9.02	-0.47	0	0.227120225
120	1224.9	1165.8	1.9	-10.96	-1.59	0	0.251309312
130	1195.5	1110.6	1.86	-13.13	-2.93	0	0.276103839
140	1168.1	1060.2	1.82	-15.54	-4.52	0	0.301494014
150	1142.5	1014.3	1.78	-18.21	-6.36	0	0.327466251
160	1118.9	972.7	1.74	-21.14	-8.47	0	0.354003748
170	1097	935.1	1.7	-24.35	-10.86	0	0.381086313
180	1077	901.3	1.67	-27.85	-13.54	0	0.408690633
190	1058.4	870.5	1.64	-31.64	-16.51	0	0.436793483
200	1041.2	842.4	1.62	-35.75	-19.8	0	0.465374611
210	1025.1	816.6	1.59	-40.18	-23.4	0	0.494416345
220	1010	792.7	1.57	-44.94	-27.34	0	0.523903203
230	995.8	770.5	1.55	-50.04	-31.62	0	0.553821581
240	982.3	749.8	1.53	-55.49	-36.24	0	0.584159503
250	969.5	730.3	1.51	-61.3	-41.23	0	0.614906406