



Bitterroot Valley Ammunition

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Ballistic Table

Courtesy of



Ballistic Suite

BV500SW-2N

300 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 134 yards. Set Zero at 114 yards

Trajectory for .500 dia. 300 gr. JHP (500 SW) at 1850 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	1850	2279.5	2.46	0	-0.5	0	0
10	1803.4	2166	2.4	-0.05	0.2	0	0.016424755
20	1757.6	2057.3	2.34	-0.21	0.8	0	0.033275983
30	1712.6	1953.5	2.28	-0.48	1.29	0	0.050567875
40	1668.6	1854.4	2.22	-0.87	1.65	0	0.068314663
50	1625.6	1759.9	2.17	-1.39	1.89	0	0.086530506
60	1583.5	1670	2.11	-2.03	2	0	0.10522968
70	1542.4	1584.5	2.05	-2.82	1.97	0	0.124426219
80	1502.5	1503.5	2	-3.75	1.8	0	0.144133653
90	1463.6	1426.8	1.95	-4.83	1.47	0	0.164364844
100	1426	1354.3	1.9	-6.08	0.98	0	0.185131686
110	1389.5	1286	1.85	-7.5	0.31	0	0.206445208
120	1354.4	1221.8	1.8	-9.09	-0.53	0	0.228314741
130	1320.6	1161.6	1.76	-10.88	-1.56	0	0.250747923
140	1288.2	1105.3	1.72	-12.87	-2.79	0	0.273750193
150	1257.4	1053	1.67	-15.06	-4.23	0	0.297324128
160	1228.1	1004.4	1.64	-17.48	-5.89	0	0.321469125
170	1200.4	959.6	1.6	-20.12	-7.78	0	0.346181199
180	1174.3	918.5	1.56	-23.01	-9.91	0	0.37145248
190	1150	880.8	1.53	-26.15	-12.3	0	0.397271543
200	1127.3	846.3	1.5	-29.55	-14.94	0	0.423624506
210	1106.2	814.9	1.47	-33.23	-17.86	0	0.450494617
220	1086.6	786.4	1.45	-37.19	-21.07	0	0.477862498
230	1068.6	760.5	1.42	-41.44	-24.57	0	0.50570709
240	1051.8	736.8	1.4	-46	-28.37	0	0.534009303
250	1036.1	714.9	1.38	-50.87	-32.49	0	0.562752399