



Bitterroot Valley Ammunition

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Ballistic Table

Courtesy of



Ballistic Suite

BV7.62x39-1N

123 gr. FMJ

Calculation of Maximum Point Blank Range for a Vital Zone of: 4 inches

Maximum Point Blank Range is 198 yards. Set Zero at 169 yards

Trajectory for Speer .311 dia. (7.62x39) 123 gr. FMJ at 2483 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	2483	1683.5	1.36	0	-1	0	0
25	2409.5	1585.4	1.32	-0.18	0.34	0	0.030662702
50	2337.3	1491.8	1.28	-0.73	1.31	0	0.062266747
75	2266.3	1402.5	1.24	-1.69	1.88	0	0.094854007
100	2196.5	1317.4	1.2	-3.06	2.02	0	0.12846952
125	2127.9	1236.4	1.16	-4.88	1.72	0	0.163161291
150	2060.5	1159.4	1.13	-7.19	0.94	0	0.198979724
175	1994.4	1086.2	1.09	-10.01	-0.36	0	0.235977525
200	1929.6	1016.7	1.05	-13.37	-2.2	0	0.274209959
225	1866.1	950.9	1.02	-17.32	-4.63	0	0.313734926
250	1804	888.7	0.99	-21.89	-7.68	0	0.354612547
275	1743.4	830	0.95	-27.12	-11.39	0	0.396904448
300	1684.4	774.7	0.92	-33.08	-15.82	0	0.440673136
325	1627	722.8	0.89	-39.79	-21.02	0	0.48598133
350	1571.3	674.2	0.86	-47.33	-27.04	0	0.53289183
375	1517.5	628.8	0.83	-55.75	-33.94	0	0.581466061
400	1465.6	586.6	0.8	-65.12	-41.78	0	0.631762222
425	1415.9	547.4	0.77	-75.49	-50.63	0	0.683833616
450	1368.3	511.2	0.75	-86.95	-60.57	0	0.737727818
475	1323	478	0.72	-99.57	-71.67	0	0.793483215
500	1280.2	447.6	0.7	-113.43	-84.01	0	0.851125972
525	1240.1	420	0.68	-128.61	-97.67	0	0.91066581
550	1202.8	395.1	0.66	-145.21	-112.75	0	0.972093551
575	1168.5	372.8	0.64	-163.31	-129.33	0	1.035379235
600	1137.1	353	0.62	-183	-147.5	0	1.100473081