

Trajectory for Custom .224 bha 5.56mm 77gr bthp at 2750 Feet per Second

At an Elevation Angle of: 0 degrees

Ballistic Coefficients of: 0.361 0.361 0.361 0.361 0.361

Velocity Boundaries (Feet per Second) of: 2750 2750 2750 2750

Wind Direction is: 3.0 o'clock and a Wind Velocity of: 10.0 Miles per hour

Wind Components are (Miles per Hour): DownRange: 0.0 Cross Range: 10.0 Vertical: 0.0

The Firing Point speed of sound is: 1120.27 fps

The bullet drops below the speed of sound on the trajectory (1120.39 fps) at: 912 yards

Altitude: 1500 Feet Humidity: 50 Percent Pressure: 29.53 in/Hg

Temperature: 59 F

Data Printed in English Units

Range (Yards)	Velocity (Ft/Sec)	Energy (Ft/Lbs)	Bullet Path (inches)	Bullet Path (1 MoA)	Wind Drift (inches)	Wind Drift (1 MoA)	Time of Flight (Seconds)
0	2750.0	1292.8	-1.5	0.0	0.0	0.0	0.0000
25	2689.8	1236.8	-0.66	-2.5	0.05	0.2	0.0276
50	2630.5	1182.9	-0.12	-0.2	0.22	0.4	0.0558
75	2572.0	1130.8	0.1	0.1	0.49	0.6	0.0846
100	2514.2	1080.6	0.0	0.0	0.88	0.8	0.1141
125	2457.1	1032.0	-0.45	-0.3	1.39	1.1	0.1443
150	2400.7	985.2	-1.25	-0.8	2.03	1.3	0.1752
175	2345.1	940.1	-2.44	-1.3	2.79	1.5	0.2068
200	2290.2	896.6	-4.02	-1.9	3.69	1.8	0.2391
225	2236.0	854.7	-6.01	-2.5	4.72	2.0	0.2723
250	2182.5	814.3	-8.43	-3.2	5.9	2.3	0.3062
275	2129.7	775.4	-11.32	-3.9	7.22	2.5	0.3410
300	2077.7	737.9	-14.68	-4.7	8.69	2.8	0.3767
325	2026.4	701.9	-18.54	-5.4	10.33	3.0	0.4132
350	1975.9	667.4	-22.94	-6.3	12.12	3.3	0.4507
375	1926.1	634.2	-27.89	-7.1	14.09	3.6	0.4891
400	1877.1	602.4	-33.42	-8.0	16.23	3.9	0.5286
425	1829.0	571.9	-39.58	-8.9	18.56	4.2	0.5691
450	1781.7	542.7	-46.38	-9.8	21.07	4.5	0.6106
475	1735.3	514.8	-53.86	-10.8	23.78	4.8	0.6533
500	1689.9	488.2	-62.07	-11.9	26.69	5.1	0.6971
525	1645.4	462.8	-71.04	-12.9	29.8	5.4	0.7421
550	1601.9	438.7	-80.81	-14.0	33.13	5.8	0.7883
575	1559.5	415.7	-91.43	-15.2	36.69	6.1	0.8357
600	1518.2	394.0	-102.94	-16.4	40.47	6.4	0.8845
625	1478.0	373.4	-115.39	-17.6	44.48	6.8	0.9345
650	1439.1	354.0	-128.84	-18.9	48.73	7.2	0.9860
675	1401.4	335.7	-143.33	-20.3	53.23	7.5	1.0388
700	1365.1	318.6	-158.93	-21.7	57.97	7.9	1.0930
725	1330.1	302.4	-175.7	-23.1	62.97	8.3	1.1487
750	1296.6	287.4	-193.7	-24.7	68.23	8.7	1.2058
775	1264.7	273.4	-212.99	-26.2	73.74	9.1	1.2644
800	1234.4	260.5	-233.63	-27.9	79.51	9.5	1.3245
825	1205.8	248.5	-255.71	-29.6	85.53	9.9	1.3860
850	1178.9	237.6	-279.28	-31.4	91.81	10.3	1.4489
875	1153.7	227.5	-304.41	-33.2	98.33	10.7	1.5133
900	1130.3	218.4	-331.17	-35.1	105.1	11.2	1.5790
925	1108.5	210.1	-359.64	-37.1	112.1	11.6	1.6460
950	1088.5	202.5	-389.87	-39.2	119.33	12.0	1.7144
975	1069.9	195.7	-421.94	-41.3	126.77	12.4	1.7839
1000	1052.7	189.4	-455.91	-43.5	134.42	12.8	1.8546