

Trajectory (Simplified)

Input Data

Ballistic Coefficient: 0.200 G1 Caliber: 0.308 in
 Bullet Weight: 1750.0 gr
 Muzzle Velocity: 500.0 ft/s
 Sight Height: 0.00 in Line Of Sight Angle: 0.0 deg
 Cant Angle: 0.0 deg
 Wind Speed: 0.0 mph Target Speed: 0.0 mph
 Temperature: 59.0 °F Pressure: 29.92 in Hg
 Humidity: 0 % Altitude: 0.0 ft
 Std. Atmosphere at Altitude: No Pressure is Corrected: Yes
 Zero at Max. Point Blank Range: No Target Relative Drops: Yes
 Column 1 Units: 1.00 in Column 2 Units: 1.00 MOA
 Round Output to Whole Numbers: No

Output Data

Elevation: 69.322 MOA Windage: 0.000 MOA
 Atmospheric Density: 0.07647 lb/ft³ Speed of Sound: 1116.4 ft/s
 Maximum PBR: 63 yd Maximum PBR Zero: 52 yd
 Range of Maximum Height: 27 yd Energy at Maximum PBR: 895.3 ft•lbs
 Sectional Density: 2.635 lb/in²

Calculated Table

Range (yd)	Drop (in)	Drop (MOA)	Windage (in)	Windage (MOA)	Velocity (ft/s)	Mach (none)	Energy (ft•lbs)	Time (s)	Lead (in)	Lead (MOA)
0	0.0	***	0.0	***	500.0	0.448	971.3	0.000	0.0	***
100	-0.0	-0.0	0.0	0.0	468.6	0.420	853.1	0.620	0.0	0.0
200	-158.6	-75.7	0.0	0.0	439.7	0.394	751.1	1.282	0.0	0.0
300	-498.1	-158.5	0.0	0.0	413.4	0.370	664.0	1.989	0.0	0.0
400	-1044.2	-249.3	0.0	0.0	389.8	0.349	590.4	2.745	0.0	0.0
500	-1827.1	-348.9	0.0	0.0	369.1	0.331	529.2	3.555	0.0	0.0
600	-2882.0	-458.7	0.0	0.0	351.3	0.315	479.3	4.424	0.0	0.0
700	-4250.8	-579.9	0.0	0.0	336.6	0.301	440.1	5.359	0.0	0.0
800	-5983.4	-714.2	0.0	0.0	325.2	0.291	410.8	6.366	0.0	0.0
900	-8140.7	-863.8	0.0	0.0	317.1	0.284	390.7	7.457	0.0	0.0
1000	-10797.8	-1031.1	0.0	0.0	312.4	0.280	379.2	8.643	0.0	0.0