

8/24/2005 8:28:55 PM

Input Data

Firearm Data:
 Remington Arms Co., Inc.
 700 BDL
 .308 Winchester
 Zero Range (yd): 200 Vital Zone Radius (in): 4.0
 Sight Height (in): 1.50 Sight Offset (in): 0.00
 Zero Height (in): 1.50 Zero Offset (in): 0.00

Load/Lot Data:
 Summary:
 Target Load
 Date Loaded: 6/28/2005 Date Fired: 6/28/2005

Powder: Dupont IMR-4895
 Lot: Weight (gn): 44.0

Primer: Federal 205M
 Lot:

Case: Remington
 Lot:
 Length (in): 0.100 Loaded Length (in): 0.000
 Muzzle Velocity
 Average (f/s): 2800.0 Standard Deviation (f/s): 10.0

Atmospheric Conditions:
 Temperature (°F): 39.0 Pressure (in Hg): 29.92
 Humidity (%): 50.0 Altitude (ft): 0
 Sound Speed (f/s): 1094.7 Density (% sea level): 103.5

Bullet Data:
 Caliber (in): 0.308 Weight (gn): 150
 Drag Function: G1 Sectional Density (lbs/in³): 0.226
 Manufacturer: Speer
 Description: Grand Slam

Ballistic Coefficients:
 Vel. BC
 0.0 0.305

Options:
 Line of Sight (°): 0.0 Cant (°): 0.0
 Wind Variation (%): 0.0 Target Speed (mph): 0.0

Wind Profile:
 c:\aaa_wdt_\ot30\wind\left10.wmd

Output Data

Azimuth (moa): 2.30 Elevation (moa): 6.44
 Azimuth Change (moa): 0.62 Elevation Change (moa): 0.93
 Maximum Drop (in): 3.1 Minimum Drop (in): -558.5
 Maximum Windage (in): 1.3 Minimum Windage (in): -160.4

Range (yd)	Vel (f/s)	Energy (f-lb)	Momentum (lb-s)	Drop (in)	Wind (in)	Time (sec)	Lead (in)
0	2800.0	2610.7	1.86	-1.5	0.0	0.000	0.0
50	2642.9	2326.0	1.76	1.3	0.9	0.055	0.0
100	2491.6	2067.2	1.66	2.8	1.3	0.114	0.0
150	2345.8	1832.4	1.56	2.9	1.0	0.176	0.0
200	2205.5	1619.7	1.47	1.5	0.0	0.242	0.0
250	2069.4	1426.1	1.38	-1.8	-1.7	0.312	0.0
300	1938.1	1250.8	1.29	-7.1	-4.3	0.387	0.0
350	1812.1	1093.4	1.21	-14.7	-7.8	0.467	0.0
400	1691.9	953.2	1.13	-25.0	-12.2	0.552	0.0
450	1577.7	828.9	1.05	-38.3	-17.7	0.644	0.0
500	1470.4	720.0	0.98	-55.1	-24.5	0.743	0.0
550	1370.9	625.9	0.91	-76.0	-32.4	0.848	0.0
600	1280.8	546.3	0.85	-101.5	-41.7	0.962	0.0
650	1200.7	480.1	0.80	-132.4	-52.4	1.083	0.0
700	1131.5	426.3	0.75	-169.3	-64.5	1.211	0.0
750	1074.8	384.7	0.72	-213.0	-77.8	1.348	0.0
800	1027.7	351.7	0.68	-264.2	-92.3	1.490	0.0
850	987.9	325.0	0.66	-323.7	-107.9	1.639	0.0
900	954.1	303.1	0.64	-392.2	-124.5	1.794	0.0
950	924.9	284.9	0.62	-470.2	-142.0	1.954	0.0
1000	898.7	268.9	0.60	-558.5	-160.4	2.119	0.0