

# 4DOF Ballistic Calculator

## INPUT VARIABLES

Muzzle Velocity (fps):	2550	Weight (GR):	147	Maximum Range (m):	1600
Interval (m):	100	Zero Range (m):	100	Zero Angle (°):	0.07969
Sight Height (in):	2.5	Shooting Angle (Deg.):	0	Axial Form Factor (°):	1
Wind Speed (mph):	10	Wind Angle (Deg.):	90	Altitude (ft):	500
Pressure (in-hg):	29.92	Temperature (F):	44	Humidity (%):	50
Barrel Twist (in/rev):	8				

## Trajectory Results - 6.5 CM, DeWitt's, 147 gn ELD-M, 6 C, KRG SOTIC, 22" bbl

RANGE (M)	TOTAL COME UP (MRADS)	TOTAL WINDDRIFT (MRADS)	VELOCITY (FPS)	GYRO
0	0	0	2550	1.6
100	-0.09	0.16	2409	1.71
200	+0.5	0.31	2268	1.84
300	+1.39	0.5	2130	1.98
400	+2.41	0.68	1993	2.14
500	+3.55	0.89	1860	2.32
600	+4.83	1.11	1728	2.51
700	+6.24	1.36	1599	2.73
800	+7.82	1.63	1471	3.01
900	+9.59	1.92	1342	3.48
1000	+11.6	2.27	1215	4.08
1100	+13.89	2.64	1096	4.32
1200	+16.53	3.05	1014	4.76
1300	+19.55	3.46	970	5.28
1400	+22.93	3.84	939	5.54
1500	+26.66	4.18	915	5.66
1600	+30.71	4.51	890	5.78