

4DOF Ballistic Calculator

INPUT VARIABLES

Muzzle Velocity (fps):	2800	Weight (GR):	195	Maximum Range (yds):	1000
Interval (yds):	100	Zero Range (yds):	200	Zero Angle (°):	0.08239
Sight Height (in):	1.5	Shooting Angle (Deg.):	0	Axial Form Factor (°):	1
Wind Speed (mph):	10	Wind Angle (Deg.):	90	Altitude (ft):	0
Pressure (in-hg):	29.92	Temperature (F):	80	Humidity (%):	50
Barrel Twist (in/rev):	10				

Trajectory Results - 300 win mag 195

RANGE (YDS)	TOTAL COME UP (IN)	TOTAL WINDDRIFT (IN)	WIND DRIFT (IN)	SPIN DRIFT (IN)	VELOCITY (FPS)	ENERGY (FT-LB)	GYRO
0	+1.5	0	0	0	2800	3394	2.08
100	-2.08	0.48	0.52	0.04	2650	3040	2.24
200	-0.69	1.99	2.17	0.18	2502	2711	2.41
300	+6.24	4.63	5.05	0.42	2358	2406	2.59
400	+19.44	8.51	9.29	0.78	2216	2127	2.8
500	+39.71	13.76	15.03	1.27	2079	1872	3.04
600	+68.02	20.5	22.42	1.92	1946	1640	3.29
700	+105.52	28.9	31.64	2.74	1818	1431	3.52
800	+153.53	39.1	42.87	3.77	1694	1242	3.78
900	+213.68	51.33	56.34	5.01	1575	1074	4.02
1000	+287.85	65.81	72.32	6.51	1460	923	4.42