

4DOF™ Ballistic Calculator

INPUT VARIABLES

Muzzle Velocity (m/s):	884	Weight (GR):	130	Maximum Range (m):	1000
Interval (m):	25	Zero Range (m):	100	Zero Angle (°):	0.07258
Sight Height (cm):	6.14	Shooting Angle (Deg.):	10	Axial Form Factor (°):	0.9
Wind Speed (km/h):	0	Wind Angle (Deg.):	90	Altitude (m):	650
Pressure (mm-hg):	930	Temperature (C):	-5	Humidity (%):	30
Barrel Twist (mm/rev):	203				

Trajectory Results

RANGE (M)	TOTAL COME UP (MRADS)	TOTAL WINDDRIFT (MRADS)	GYRO
0	0	0	1.82
25	+1.34	0	1.85
50	+0.29	-0.01	1.89
75	+0.04	-0.01	1.93
100	0	-0.01	1.97
125	+0.04	-0.02	2.02
150	+0.13	-0.02	2.06
175	+0.24	-0.02	2.1
200	+0.37	-0.03	2.15
225	+0.52	-0.03	2.19
250	+0.68	-0.03	2.24
275	+0.84	-0.04	2.29
300	+1.01	-0.04	2.34
325	+1.19	-0.04	2.39
350	+1.38	-0.05	2.44
375	+1.57	-0.05	2.49
400	+1.77	-0.06	2.54
425	+1.97	-0.06	2.6
450	+2.19	-0.06	2.66
475	+2.4	-0.07	2.72
500	+2.63	-0.07	2.78

525	+2.86	-0.08	2.85
550	+3.09	-0.08	2.91
575	+3.34	-0.09	2.99
600	+3.59	-0.09	3.06
625	+3.85	-0.1	3.14
650	+4.11	-0.11	3.2
675	+4.38	-0.11	3.27
700	+4.66	-0.12	3.34
725	+4.95	-0.12	3.41
750	+5.25	-0.13	3.49
775	+5.55	-0.14	3.57
800	+5.86	-0.14	3.65
825	+6.19	-0.15	3.74
850	+6.52	-0.16	3.81
875	+6.86	-0.16	3.89
900	+7.21	-0.17	3.98
925	+7.58	-0.18	4.07
950	+7.95	-0.19	4.17
975	+8.34	-0.19	4.31
1000	+8.74	-0.2	4.47