

4DOF™ Ballistic Calculator

INPUT VARIABLES

Muzzle Velocity (fps):	2700	Weight (GR):	300	Maximum Range (yds):	2000
Interval (yds):	10	Zero Range (yds):	100	Zero Angle (°):	0.07880
Sight Height (in):	2.85	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):	59	Humidity (%):	50
Barrel Twist (in/rev):	10				

Trajectory Results - 338LM 300gr Scenar

RANGE (YDS)	TOTAL COME UP (MRADS)	TOTAL WINDDRIFT (MRADS)	VELOCITY (FPS)	GYRO
0	0	0	2700	1.76
10	+6.41	0.01	2688	1.77
20	+2.52	0.03	2676	1.78
30	+1.27	0.04	2663	1.79
40	+0.67	0.05	2651	1.8
50	+0.35	0.05	2639	1.82
60	+0.15	0.07	2627	1.83
70	+0.03	0.08	2615	1.84
80	-0.04	0.09	2603	1.85
90	-0.08	0.1	2591	1.86
100	-0.1	0.12	2579	1.88
110	-0.1	0.13	2567	1.89
120	-0.09	0.13	2555	1.9
130	-0.07	0.15	2543	1.91
140	-0.04	0.16	2531	1.93
150	-0.01	0.17	2519	1.94
160	+0.03	0.18	2508	1.95
170	+0.08	0.2	2496	1.96

180	+0.13	0.21	2484	1.97
190	+0.18	0.22	2473	1.99
200	+0.23	0.23	2461	2
210	+0.29	0.24	2449	2.01
220	+0.34	0.26	2438	2.02
230	+0.41	0.27	2426	2.03
240	+0.47	0.28	2415	2.04
250	+0.53	0.3	2403	2.05
260	+0.6	0.31	2392	2.07
270	+0.66	0.31	2380	2.08
280	+0.73	0.33	2369	2.09
290	+0.8	0.34	2357	2.1
300	+0.87	0.36	2346	2.11
310	+0.94	0.37	2335	2.13
320	+1.02	0.38	2323	2.14
330	+1.09	0.39	2312	2.15
340	+1.16	0.4	2301	2.17
350	+1.24	0.42	2290	2.18
360	+1.32	0.43	2279	2.19
370	+1.39	0.45	2268	2.21
380	+1.47	0.46	2257	2.22
390	+1.55	0.48	2245	2.23
400	+1.63	0.48	2234	2.25
410	+1.71	0.5	2224	2.26
420	+1.79	0.51	2213	2.27
430	+1.88	0.53	2202	2.29
440	+1.96	0.54	2191	2.3
450	+2.04	0.56	2180	2.32
460	+2.13	0.56	2169	2.33
470	+2.21	0.58	2158	2.35
480	+2.3	0.59	2147	2.36
490	+2.39	0.61	2137	2.38
500	+2.47	0.62	2126	2.39
510	+2.56	0.64	2115	2.41

520	+2.65	0.64	2104	2.42
530	+2.74	0.66	2094	2.44
540	+2.83	0.67	2083	2.45
550	+2.92	0.69	2073	2.47
560	+3.01	0.71	2062	2.49
570	+3.11	0.71	2051	2.5
580	+3.2	0.73	2041	2.52
590	+3.3	0.74	2030	2.54
600	+3.39	0.76	2020	2.55
610	+3.49	0.78	2010	2.57
620	+3.58	0.79	1999	2.59
630	+3.68	0.8	1989	2.61
640	+3.78	0.82	1978	2.62
650	+3.88	0.83	1968	2.64
660	+3.98	0.85	1958	2.66
670	+4.08	0.87	1948	2.67
680	+4.18	0.87	1937	2.69
690	+4.28	0.89	1927	2.7
700	+4.38	0.91	1917	2.72
710	+4.49	0.93	1907	2.73
720	+4.59	0.94	1897	2.75
730	+4.7	0.95	1887	2.76
740	+4.8	0.97	1877	2.78
750	+4.91	0.99	1867	2.79
760	+5.02	1	1857	2.81
770	+5.13	1.02	1847	2.82
780	+5.24	1.03	1837	2.84
790	+5.35	1.05	1827	2.86
800	+5.46	1.06	1817	2.87
810	+5.57	1.08	1807	2.89
820	+5.68	1.09	1797	2.91
830	+5.8	1.11	1788	2.92
840	+5.91	1.13	1778	2.94
850	+6.03	1.15	1768	2.96

860	+6.14	1.16	1759	2.97
870	+6.26	1.17	1749	2.99
880	+6.38	1.19	1739	3.01
890	+6.5	1.21	1730	3.03
900	+6.62	1.23	1720	3.05
910	+6.74	1.24	1711	3.06
920	+6.86	1.26	1701	3.08
930	+6.98	1.28	1692	3.1
940	+7.11	1.3	1682	3.12
950	+7.23	1.32	1673	3.14
960	+7.36	1.33	1664	3.16
970	+7.48	1.35	1654	3.17
980	+7.61	1.37	1645	3.19
990	+7.74	1.39	1636	3.2
1000	+7.87	1.4	1627	3.22
1010	+8	1.42	1618	3.23
1020	+8.13	1.44	1609	3.25
1030	+8.27	1.46	1599	3.27
1040	+8.4	1.47	1590	3.28
1050	+8.54	1.49	1581	3.3
1060	+8.67	1.51	1572	3.32
1070	+8.81	1.53	1563	3.33
1080	+8.95	1.54	1555	3.35
1090	+9.09	1.56	1546	3.37
1100	+9.23	1.58	1537	3.39
1110	+9.37	1.6	1528	3.4
1120	+9.51	1.61	1519	3.42
1130	+9.66	1.64	1510	3.44
1140	+9.8	1.66	1502	3.47
1150	+9.95	1.67	1493	3.5
1160	+10.1	1.69	1484	3.53
1170	+10.25	1.71	1476	3.56
1180	+10.4	1.74	1467	3.59
1190	+10.55	1.75	1459	3.62

1200	+10.7	1.77	1450	3.66
1210	+10.85	1.79	1442	3.69
1220	+11.01	1.81	1433	3.72
1230	+11.17	1.83	1425	3.76
1240	+11.32	1.85	1416	3.79
1250	+11.48	1.87	1408	3.82
1260	+11.64	1.89	1400	3.86
1270	+11.81	1.91	1391	3.89
1280	+11.97	1.93	1383	3.93
1290	+12.13	1.95	1375	3.96
1300	+12.3	1.97	1367	4
1310	+12.47	1.99	1359	4.04
1320	+12.64	2.02	1350	4.07
1330	+12.81	2.03	1342	4.11
1340	+12.98	2.06	1334	4.15
1350	+13.15	2.08	1326	4.18
1360	+13.32	2.09	1318	4.22
1370	+13.5	2.12	1310	4.26
1380	+13.68	2.14	1302	4.3
1390	+13.86	2.16	1294	4.34
1400	+14.04	2.18	1287	4.38
1410	+14.22	2.21	1279	4.42
1420	+14.4	2.22	1271	4.46
1430	+14.59	2.25	1263	4.5
1440	+14.78	2.27	1255	4.54
1450	+14.97	2.29	1248	4.58
1460	+15.16	2.32	1240	4.62
1470	+15.35	2.34	1232	4.67
1480	+15.54	2.36	1225	4.7
1490	+15.74	2.38	1217	4.73
1500	+15.93	2.41	1210	4.77
1510	+16.13	2.43	1202	4.8
1520	+16.33	2.45	1195	4.83
1530	+16.54	2.48	1188	4.86

1540	+16.74	2.5	1180	4.9
1550	+16.95	2.52	1173	4.93
1560	+17.16	2.54	1166	4.95
1570	+17.37	2.57	1159	4.97
1580	+17.58	2.6	1152	4.99
1590	+17.79	2.61	1145	5.01
1600	+18.01	2.64	1138	5.02
1610	+18.22	2.67	1132	5.03
1620	+18.44	2.69	1125	5.04
1630	+18.66	2.72	1119	5.06
1640	+18.89	2.73	1113	5.07
1650	+19.11	2.76	1108	5.08
1660	+19.34	2.79	1102	5.09
1670	+19.57	2.81	1097	5.1
1680	+19.8	2.84	1093	5.11
1690	+20.03	2.86	1088	5.12
1700	+20.27	2.89	1084	5.15
1710	+20.51	2.91	1080	5.17
1720	+20.75	2.93	1076	5.2
1730	+20.99	2.96	1072	5.22
1740	+21.23	2.98	1069	5.24
1750	+21.48	3.01	1065	5.26
1760	+21.73	3.03	1062	5.28
1770	+21.98	3.05	1059	5.31
1780	+22.23	3.08	1056	5.35
1790	+22.48	3.1	1053	5.38
1800	+22.74	3.13	1050	5.41
1810	+23	3.14	1047	5.45
1820	+23.26	3.17	1044	5.48
1830	+23.52	3.2	1042	5.51
1840	+23.78	3.22	1039	5.55
1850	+24.05	3.24	1036	5.58
1860	+24.31	3.26	1034	5.61
1870	+24.58	3.29	1031	5.64

1880	+24.86	3.31	1028	5.68
1890	+25.13	3.33	1026	5.72
1900	+25.4	3.35	1023	5.75
1910	+25.68	3.38	1021	5.79
1920	+25.96	3.39	1018	5.82
1930	+26.24	3.42	1016	5.86
1940	+26.53	3.44	1014	5.89
1950	+26.81	3.46	1011	5.93
1960	+27.1	3.48	1009	5.96
1970	+27.39	3.5	1007	5.99
1980	+27.68	3.52	1004	6.02
1990	+27.97	3.55	1002	6.05
2000	+28.26	3.56	1000	6.07