Ballistic Calculator

INPUT VARIABLES

Ballistic Coefficient:	1.05
Maximum Range (yds)	: 1250
Sight Height (inches):	1.5
Wind Speed (mph):	0
Pressure (hg):	25.06

Velocity (ft/s):	2815
Interval (yds):	50
Shooting Angle (Deg.):	0
Wind Angle (Deg.):	90
Temperature (F):	69

Weight (GR):	750
Drag Function ():	G1
Zero Range (yds):	100
Altitude (ft):	5000
Humidity (%):	50

Ballistic Results

0 2815 13196 -1.5 0 0 0 0 0 50 2784 12903 -0.2 0.4 0.1 0 0 0 100 2752 12615 0 0 0 0 0 0 150 2721 12334 -1 0.6 0.2 0 0 0 200 2691 12057 -3.1 1.5 0.4 0 0 0 250 2660 11785 -6.4 2.5 0.7 0 0 0 350 2630 11518 -11 3.5 1 0 0 0 400 2570 10999 -23.9 5.7 1.7 0 0 0 450 2540 10746 -32.4 6.9 2 0 0 0 550 2482 10255 -53.3 9.2 2.7 0 0 0	RANGE (YDS)	VELOCITY (FPS)	ENERGY (FTLB)	TRAJECTORY (IN)	COME UP (MOA)	COME UP (MILS)	WIND DRIFT (IN)	WIND DRIFT (MOA)	WIND DRIFT (MILS)
100 2752 12615 0 0 0 0 0 0 150 2721 12334 -1 0.6 0.2 0 0 0 200 2691 12057 -3.1 1.5 0.4 0 0 0 250 2660 11785 -6.4 2.5 0.7 0 0 0 300 2630 11518 -11 3.5 1 0 0 0 350 2600 11256 -16.8 4.6 1.3 0 0 0 400 2570 10999 -23.9 5.7 1.7 0 0 0 450 2540 10746 -32.4 6.9 2 0 0 0 500 2511 10498 -42.1 8 2.3 0 0 0 650 2482 10016 -65.8 10.5 3 0 0 0 </td <td>0</td> <td>2815</td> <td>13196</td> <td>-1.5</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>	0	2815	13196	-1.5	0	0	0	0	0
150 2721 12334 -1 0.6 0.2 0 0 0 200 2691 12057 -3.1 1.5 0.4 0 0 0 250 2660 11785 -6.4 2.5 0.7 0 0 0 300 2630 11518 -11 3.5 1 0 0 0 350 2600 11256 -16.8 4.6 1.3 0 0 0 400 2570 10999 -23.9 5.7 1.7 0 0 0 450 2540 10746 -32.4 6.9 2 0 0 0 500 2511 10498 -42.1 8 2.3 0 0 0 550 2482 10255 -53.3 9.2 2.7 0 0 0 650 2424 9781 -79.9 11.7 3.4 0 0 0 <td>50</td> <td>2784</td> <td>12903</td> <td>-0.2</td> <td>0.4</td> <td>0.1</td> <td>0</td> <td>0</td> <td>0</td>	50	2784	12903	-0.2	0.4	0.1	0	0	0
200 2691 12057 -3.1 1.5 0.4 0 0 0 250 2660 11785 -6.4 2.5 0.7 0 0 0 300 2630 11518 -11 3.5 1 0 0 0 350 2600 11256 -16.8 4.6 1.3 0 0 0 400 2570 10999 -23.9 5.7 1.7 0 0 0 450 2540 10746 -32.4 6.9 2 0 0 0 500 2511 10498 -42.1 8 2.3 0 0 0 550 2482 10255 -53.3 9.2 2.7 0 0 0 650 2424 9781 -79.9 11.7 3.4 0 0 0 750 2366 9324 -112.3 14.3 4.2 0 0	100	2752	12615	0	0	0	0	0	0
250 2660 11785 -6.4 2.5 0.7 0 0 0 300 2630 11518 -11 3.5 1 0 0 0 350 2600 11256 -16.8 4.6 1.3 0 0 0 400 2570 10999 -23.9 5.7 1.7 0 0 0 450 2540 10746 -32.4 6.9 2 0 0 0 500 2511 10498 -42.1 8 2.3 0 0 0 550 2482 10255 -53.3 9.2 2.7 0 0 0 600 2452 10016 -65.8 10.5 3 0 0 0 700 2395 9550 -95.3 13 3.4 0 0 0 750 2366 9324 -112.3 14.3 4.2 0 0 0<	150	2721	12334	-1	0.6	0.2	0	0	0
300 2630 11518 -11 3.5 1 0 0 0 350 2600 11256 -16.8 4.6 1.3 0 0 0 400 2570 10999 -23.9 5.7 1.7 0 0 0 450 2540 10746 -32.4 6.9 2 0 0 0 500 2511 10498 -42.1 8 2.3 0 0 0 550 2482 10255 -53.3 9.2 2.7 0 0 0 600 2452 10016 -65.8 10.5 3 0 0 0 650 2424 9781 -79.9 11.7 3.4 0 0 0 700 2395 9550 -95.3 13 3.8 0 0 0 800 2338 9102 -130.9 15.6 4.5 0 0 0	200	2691	12057	-3.1	1.5	0.4	0	0	0
350 2600 11256 -16.8 4.6 1.3 0 0 0 400 2570 10999 -23.9 5.7 1.7 0 0 0 450 2540 10746 -32.4 6.9 2 0 0 0 500 2511 10498 -42.1 8 2.3 0 0 0 550 2482 10255 -53.3 9.2 2.7 0 0 0 600 2452 10016 -65.8 10.5 3 0 0 0 650 2424 9781 -79.9 11.7 3.4 0 0 0 700 2395 9550 -95.3 13 3.8 0 0 0 750 2366 9324 -112.3 14.3 4.2 0 0 0 800 2338 9102 -130.9 15.6 4.5 0 0	250	2660	11785	-6.4	2.5	0.7	0	0	0
400 2570 10999 -23.9 5.7 1.7 0 0 0 450 2540 10746 -32.4 6.9 2 0 0 0 500 2511 10498 -42.1 8 2.3 0 0 0 550 2482 10255 -53.3 9.2 2.7 0 0 0 600 2452 10016 -65.8 10.5 3 0 0 0 650 2424 9781 -79.9 11.7 3.4 0 0 0 700 2395 9550 -95.3 13 3.8 0 0 0 750 2366 9324 -112.3 14.3 4.2 0 0 0 800 2338 9102 -130.9 15.6 4.5 0 0 0 850 2310 8884 -151 17 4.9 0 0 0 950 2282 8670 -172.8 18.3 5.3 0	300	2630	11518	-11	3.5	1	0	0	0
450 2540 10746 -32.4 6.9 2 0 0 0 500 2511 10498 -42.1 8 2.3 0 0 0 550 2482 10255 -53.3 9.2 2.7 0 0 0 600 2452 10016 -65.8 10.5 3 0 0 0 650 2424 9781 -79.9 11.7 3.4 0 0 0 700 2395 9550 -95.3 13 3.8 0 0 0 750 2366 9324 -112.3 14.3 4.2 0 0 0 800 2338 9102 -130.9 15.6 4.5 0 0 0 850 2310 8884 -151 17 4.9 0 0 0 950 2282 8670 -172.8 18.3 5.3 0 0 0 950 2254 8460 -196.3 19.7 5.7 0	350	2600	11256	-16.8	4.6	1.3	0	0	0
500 2511 10498 -42.1 8 2.3 0 0 0 550 2482 10255 -53.3 9.2 2.7 0 0 0 600 2452 10016 -65.8 10.5 3 0 0 0 650 2424 9781 -79.9 11.7 3.4 0 0 0 700 2395 9550 -95.3 13 3.8 0 0 0 750 2366 9324 -112.3 14.3 4.2 0 0 0 800 2338 9102 -130.9 15.6 4.5 0 0 0 850 2310 8884 -151 17 4.9 0 0 0 990 2282 8670 -172.8 18.3 5.3 0 0 0 950 2254 8460 -196.3 19.7 5.7 0 0 0 1000 2226 8255 -221.4 21.1 6.1 0	400	2570	10999	-23.9	5.7	1.7	0	0	0
550 2482 10255 -53.3 9.2 2.7 0 0 0 600 2452 10016 -65.8 10.5 3 0 0 0 650 2424 9781 -79.9 11.7 3.4 0 0 0 700 2395 9550 -95.3 13 3.8 0 0 0 750 2366 9324 -112.3 14.3 4.2 0 0 0 800 2338 9102 -130.9 15.6 4.5 0 0 0 850 2310 8884 -151 17 4.9 0 0 0 900 2282 8670 -172.8 18.3 5.3 0 0 0 950 2254 8460 -196.3 19.7 5.7 0 0 0 1000 2226 8255 -221.4 21.1 6.1 0 0 0 1050 2199 8052 -248.3 22.6 6.6 0 <td>450</td> <td>2540</td> <td>10746</td> <td>-32.4</td> <td>6.9</td> <td>2</td> <td>0</td> <td>0</td> <td>0</td>	450	2540	10746	-32.4	6.9	2	0	0	0
600 2452 10016 -65.8 10.5 3 0 0 0 650 2424 9781 -79.9 11.7 3.4 0 0 0 700 2395 9550 -95.3 13 3.8 0 0 0 750 2366 9324 -112.3 14.3 4.2 0 0 0 800 2338 9102 -130.9 15.6 4.5 0 0 0 850 2310 8884 -151 17 4.9 0 0 0 900 2282 8670 -172.8 18.3 5.3 0 0 0 950 2254 8460 -196.3 19.7 5.7 0 0 0 1000 2226 8255 -221.4 21.1 6.1 0 0 0 1050 2199 8052 -248.3 22.6 6.6 0 0 0 1100 2172 7854 -277 24 7 0	500	2511	10498	-42.1	8	2.3	0	0	0
650 2424 9781 -79.9 11.7 3.4 0 0 0 700 2395 9550 -95.3 13 3.8 0 0 0 750 2366 9324 -112.3 14.3 4.2 0 0 0 800 2338 9102 -130.9 15.6 4.5 0 0 0 850 2310 8884 -151 17 4.9 0 0 0 900 2282 8670 -172.8 18.3 5.3 0 0 0 950 2254 8460 -196.3 19.7 5.7 0 0 0 1000 2226 8255 -221.4 21.1 6.1 0 0 0 1050 2199 8052 -248.3 22.6 6.6 0 0 0 1100 2172 7854 -277 24 7 0 0 0	550	2482	10255	-53.3	9.2	2.7	0	0	0
700 2395 9550 -95.3 13 3.8 0 0 0 750 2366 9324 -112.3 14.3 4.2 0 0 0 800 2338 9102 -130.9 15.6 4.5 0 0 0 850 2310 8884 -151 17 4.9 0 0 0 900 2282 8670 -172.8 18.3 5.3 0 0 0 950 2254 8460 -196.3 19.7 5.7 0 0 0 1000 2226 8255 -221.4 21.1 6.1 0 0 0 1050 2199 8052 -248.3 22.6 6.6 0 0 0 1100 2172 7854 -277 24 7 0 0 0	600	2452	10016	-65.8	10.5	3	0	0	0
750 2366 9324 -112.3 14.3 4.2 0 0 0 800 2338 9102 -130.9 15.6 4.5 0 0 0 850 2310 8884 -151 17 4.9 0 0 0 900 2282 8670 -172.8 18.3 5.3 0 0 0 950 2254 8460 -196.3 19.7 5.7 0 0 0 1000 2226 8255 -221.4 21.1 6.1 0 0 0 1050 2199 8052 -248.3 22.6 6.6 0 0 0 1100 2172 7854 -277 24 7 0 0 0	650	2424	9781	-79.9	11.7	3.4	0	0	0
800 2338 9102 -130.9 15.6 4.5 0 0 0 850 2310 8884 -151 17 4.9 0 0 0 900 2282 8670 -172.8 18.3 5.3 0 0 0 950 2254 8460 -196.3 19.7 5.7 0 0 0 1000 2226 8255 -221.4 21.1 6.1 0 0 0 1050 2199 8052 -248.3 22.6 6.6 0 0 0 1100 2172 7854 -277 24 7 0 0 0	700	2395	9550	-95.3	13	3.8	0	0	0
850 2310 8884 -151 17 4.9 0 0 0 900 2282 8670 -172.8 18.3 5.3 0 0 0 950 2254 8460 -196.3 19.7 5.7 0 0 0 1000 2226 8255 -221.4 21.1 6.1 0 0 0 1050 2199 8052 -248.3 22.6 6.6 0 0 0 1100 2172 7854 -277 24 7 0 0 0	750	2366	9324	-112.3	14.3	4.2	0	0	0
900 2282 8670 -172.8 18.3 5.3 0 0 0 950 2254 8460 -196.3 19.7 5.7 0 0 0 1000 2226 8255 -221.4 21.1 6.1 0 0 0 1050 2199 8052 -248.3 22.6 6.6 0 0 0 1100 2172 7854 -277 24 7 0 0 0	800	2338	9102	-130.9	15.6	4.5	0	0	0
950 2254 8460 -196.3 19.7 5.7 0 0 0 1000 2226 8255 -221.4 21.1 6.1 0 0 0 1050 2199 8052 -248.3 22.6 6.6 0 0 0 1100 2172 7854 -277 24 7 0 0 0	850	2310	8884	-151	17	4.9	0	0	0
1000 2226 8255 -221.4 21.1 6.1 0 0 0 1050 2199 8052 -248.3 22.6 6.6 0 0 0 1100 2172 7854 -277 24 7 0 0 0	900	2282	8670	-172.8	18.3	5.3	0	0	0
1050 2199 8052 -248.3 22.6 6.6 0 0 0 1100 2172 7854 -277 24 7 0 0 0	950	2254	8460	-196.3	19.7	5.7	0	0	0
1100 2172 7854 -277 24 7 0 0 0	1000	2226	8255	-221.4	21.1	6.1	0	0	0
	1050	2199	8052	-248.3	22.6	6.6	0	0	0
1150 2145 7660 -307.6 25.5 7.4 0 0 0	1100	2172	7854	-277	24	7	0	0	0
	1150	2145	7660	-307.6	25.5	7.4	0	0	0

1200	2118	7470	-340	27.1	7.9	0	0	0
1250	2091	7283	-374.4	28.6	8.3	0	0	0