

Basic Ballistic Tables (MILS)

Program Information

Source Program: Hornady online
 Pressure: 30 inHg
 Temperature: 60 Deg F
 Humidity: 50%
 Elevation: 0ft

Adjustments for Atmospheric

Pressure: + or - 2 inHg = +0.05 BC
 Temperature: + or - 30 Deg F = +0.05 BC
 Elevation: + or - 2000ft = +0.05 BC

2500 fps Velocity									
	Ballistic Coefficient								
G1	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.75	0.8
G7	0.2	0.225	0.25	0.275	0.3	0.325	0.35	0.375	0.4
200	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6
300	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5
400	2.9	2.8	2.7	2.6	2.5	2.5	2.5	2.4	2.4
500	4.2	4.0	3.9	3.7	3.6	3.6	3.5	3.4	3.4
600	5.8	5.5	5.2	5.0	4.9	4.7	4.6	4.5	4.5
700	7.7	7.2	6.8	6.4	6.2	6.0	5.9	5.7	5.6
800	9.8	9.1	8.5	8.0	7.7	7.4	7.2	7.0	6.9
900	12.3	11.2	10.4	9.8	9.3	9.0	8.7	8.4	8.2
1000	15.2	13.7	12.6	11.8	11.1	10.6	10.2	9.9	9.6

2600 fps Velocity									
	Ballistic Coefficient								
G1	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.75	0.8
G7	0.2	0.225	0.25	0.275	0.3	0.325	0.35	0.375	0.4
200	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
300	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3
400	2.6	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.2
500	3.9	3.7	3.5	3.4	3.3	3.3	3.2	3.1	3.1
600	5.3	5.0	4.8	4.6	4.4	4.3	4.2	4.2	4.1
700	7.0	6.5	6.2	5.9	5.7	5.5	5.4	5.2	5.1
800	9.0	8.3	7.7	7.3	7.0	6.8	6.6	6.4	6.3
900	11.3	10.2	9.5	9.0	8.5	8.2	7.9	7.7	7.5
1000	13.9	12.5	11.5	10.8	10.2	9.7	9.4	9.1	8.8

2700 fps Velocity									
	Ballistic Coefficient								
G1	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.75	0.8
G7	0.2	0.225	0.25	0.275	0.3	0.325	0.35	0.375	0.4
200	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
300	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.2	1.2
400	2.4	2.3	2.2	2.2	2.1	2.1	2.0	2.0	2.0
500	3.5	3.4	3.2	3.1	3.0	3.0	2.9	2.9	2.8
600	4.9	4.6	4.4	4.2	4.1	4.0	3.9	3.8	3.7
700	6.4	6.0	5.6	5.4	5.2	5.0	4.9	4.8	4.7
800	8.2	7.6	7.1	6.7	6.4	6.2	6.0	5.9	5.8
900	10.3	9.4	8.7	8.2	7.8	7.5	7.3	7.1	6.9
1000	12.7	11.5	10.5	9.9	9.3	8.9	8.6	8.3	8.1

2800 fps Velocity									
	Ballistic Coefficient								
G1	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.75	0.8
G7	0.2	0.225	0.25	0.275	0.3	0.325	0.35	0.375	0.4
200	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
300	1.3	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
400	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.8	1.8
500	3.2	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.6
600	4.5	4.2	4.0	3.9	3.7	3.6	3.6	3.5	3.4
700	5.9	5.5	5.2	5.0	4.8	4.6	4.5	4.4	4.3
800	7.5	6.9	6.5	6.2	5.9	5.7	5.6	5.4	5.3
900	9.5	8.6	8.0	7.5	7.2	6.9	6.7	6.5	6.3
1000	11.7	10.5	9.7	9.0	8.6	8.2	7.9	7.7	7.4

2900 fps Velocity									
	Ballistic Coefficient								
G1	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.75	0.8
G7	0.2	0.225	0.25	0.275	0.3	0.325	0.35	0.375	0.4
200	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
300	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0
400	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.7	1.7
500	3.0	2.8	2.7	2.6	2.6	2.5	2.5	2.4	2.4
600	4.1	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.2
700	5.4	5.0	4.8	4.6	4.4	4.3	4.2	4.1	4.0
800	6.9	6.4	6.0	5.7	5.6	5.3	5.1	5.0	4.9
900	8.7	7.9	7.4	6.9	6.6	6.4	6.2	6.0	5.9
1000	10.8	9.7	8.9	8.3	7.9	7.6	7.3	7.1	6.9

3000 fps Velocity									
	Ballistic Coefficient								
G1	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.75	0.8
G7	0.2	0.225	0.25	0.275	0.3	0.325	0.35	0.375	0.4
200	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
300	1.1	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9
400	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.6	1.5
500	2.7	2.6	2.5	2.4	2.4	2.3	2.3	2.2	2.2
600	3.8	3.6	3.4	3.3	3.2	3.1	3.0	3.0	2.9
700	5.0	4.7	4.4	4.2	4.1	4.0	3.9	3.8	3.7
800	6.4	5.9	5.5	5.3	5.1	4.9	4.7	4.6	4.5
900	8.0	7.3	6.8	6.4	6.1	5.9	5.7	5.6	5.4
1000	9.9	8.9	8.2	7.7	7.3	7.0	6.7	6.5	6.4

3100 fps Velocity									
	Ballistic Coefficient								
G1	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.75	0.8
G7	0.2	0.225	0.25	0.275	0.3	0.325	0.35	0.375	0.4
200	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
300	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.8
400	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4
500	2.5	2.4	2.3	2.3	2.2	2.1	2.1	2.1	2.0
600	3.5	3.3	3.2	3.0	3.0	2.9	2.8	2.8	2.7
700	4.6	4.3	4.1	3.9	3.8	3.7	3.6	3.5	3.4
800	5.9	5.4	5.1	4.9	4.7	4.5	4.4	4.3	4.2
900	7.4	6.8	6.3	5.9	5.7	5.5	5.3	5.2	5.0
1000	9.2	8.2	7.6	7.1	6.8	6.5	6.3	6.1	5.9

3200 fps Velocity									
	Ballistic Coefficient								
G1	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.75	0.8
G7	0.2	0.225	0.25	0.275	0.3	0.325	0.35	0.375	0.4
200	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
300	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8
400	1.6	1.5	1.5	1.4	1.4	1.4	1.3	1.3	1.3
500	2.3	2.2	2.2	2.1	2.0	2.0	2.0	1.9	1.9
600	3.2	3.1	2.9	2.8	2.7	2.7	2.6	2.6	2.5
700	4.3	4.0	3.8	3.6	3.5	3.4	3.3	3.3	3.2
800	5.5	5.1	4.8	4.5	4.3	4.2	4.1	4.0	3.9
900	6.9	6.3	5.8	5.5	5.3	5.1	4.9	4.8	4.7
1000	8.5	7.6	7.1	6.6	6.3	6.0	5.8	5.6	5.5

Basic Ballistic Tables (MILS)

Velocity range = 2500-3200fps

BC range = 0.4 to 0.8 G1 (0.2 to 0.4 G7)

X factors: 400=1.67, 500=1.45, 600=1.35, 700=1.28, 800=1.24, 900=1.22, 1000=1.20

Weaponized Drop Data																									
Possible Data Drop +0.3 mils																									TPH05281982
Yards																									
300	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.3
325	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.5
350	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7
375	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9	1.9
400	1.5	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.1	2.1
425	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3
450	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.6
475	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.7	2.7	2.8	2.8
500	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.9	2.9	3.0	3.0	3.0
525	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.3	3.3
550	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.5	3.5	3.6
575	2.8	2.9	2.9	2.9	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8
600	3.0	3.1	3.1	3.1	3.2	3.2	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.1
625	3.2	3.3	3.3	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.1	4.1	4.1	4.2	4.2	4.3	4.4
650	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.1	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.5	4.5	4.6	4.7
675	3.6	3.7	3.7	3.8	3.9	3.9	4.0	4.0	4.1	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.5	4.5	4.6	4.6	4.7	4.7	4.8	4.8	4.9
700	3.9	3.9	4.0	4.0	4.1	4.1	4.2	4.2	4.3	4.4	4.4	4.5	4.5	4.6	4.6	4.7	4.7	4.8	4.8	4.9	5.0	5.0	5.1	5.1	5.2
725	4.1	4.1	4.2	4.3	4.3	4.4	4.4	4.5	4.6	4.6	4.7	4.7	4.8	4.8	4.9	5.0	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.4	5.5
750	4.3	4.4	4.4	4.5	4.6	4.6	4.7	4.8	4.8	4.9	4.9	5.0	5.1	5.1	5.2	5.2	5.3	5.4	5.5	5.6	5.6	5.7	5.7	5.8	5.9
775	4.6	4.6	4.7	4.7	4.8	4.9	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.5	5.5	5.6	5.7	5.8	5.9	5.9	6.0	6.0	6.1	6.2
800	4.8	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.5	5.5	5.6	5.7	5.7	5.8	5.9	5.9	6.0	6.1	6.1	6.2	6.3	6.4	6.5
825	5.0	5.1	5.2	5.3	5.3	5.4	5.5	5.5	5.6	5.7	5.8	5.8	5.9	6.0	6.1	6.1	6.2	6.3	6.3	6.4	6.5	6.6	6.6	6.7	6.8
850	5.3	5.4	5.5	5.5	5.6	5.7	5.8	5.8	5.9	6.0	6.1	6.1	6.2	6.3	6.4	6.4	6.5	6.6	6.7	6.7	6.8	6.9	7.0	7.1	7.2
875	5.6	5.6	5.7	5.8	5.9	6.0	6.0	6.1	6.2	6.3	6.4	6.4	6.5	6.6	6.7	6.8	6.8	6.9	7.0	7.1	7.2	7.2	7.3	7.4	7.5
900	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.4	6.5	6.6	6.7	6.8	6.8	6.9	7.0	7.1	7.2	7.3	7.3	7.4	7.5	7.6	7.7	7.7	7.8
925	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.0	8.1	8.2
950	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.2	8.3	8.4	8.5	8.6
975	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0
1000	7.0	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0	9.1	9.2	9.3	9.4

Weaponized Drop Data																											TPH05281982
Yards	Possible Data Drop +0.3 mils																										
300	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6		
325	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8		
350	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1		
375	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.4	2.4		
400	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6		
425	2.3	2.3	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9		
450	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.2	3.2	3.2		
475	2.8	2.8	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5		
500	3.0	3.1	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.8		
525	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.8	3.9	3.9	4.0	4.0	4.0	4.1	4.1	4.2		
550	3.6	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.9	3.9	3.9	4.0	4.0	4.0	4.1	4.1	4.2	4.2	4.2	4.3	4.3	4.3	4.4	4.4	4.5		
575	3.8	3.9	3.9	3.9	4.0	4.0	4.1	4.1	4.1	4.2	4.2	4.3	4.3	4.3	4.4	4.4	4.5	4.5	4.5	4.6	4.6	4.7	4.7	4.8	4.8		
600	4.1	4.1	4.2	4.2	4.3	4.3	4.3	4.4	4.4	4.5	4.5	4.6	4.6	4.6	4.7	4.7	4.8	4.8	4.9	4.9	4.9	5.0	5.0	5.1	5.1		
625	4.4	4.4	4.5	4.5	4.6	4.6	4.7	4.7	4.7	4.8	4.8	4.9	4.9	5.0	5.0	5.1	5.1	5.2	5.2	5.2	5.3	5.3	5.4	5.4	5.5		
650	4.7	4.7	4.8	4.8	4.9	4.9	5.0	5.0	5.1	5.1	5.2	5.2	5.2	5.3	5.3	5.4	5.4	5.5	5.5	5.6	5.6	5.7	5.7	5.8	5.9		
675	4.9	5.0	5.1	5.1	5.2	5.2	5.3	5.3	5.4	5.4	5.5	5.5	5.6	5.6	5.7	5.7	5.8	5.8	5.9	5.9	6.0	6.0	6.1	6.1	6.2		
700	5.2	5.3	5.3	5.4	5.5	5.5	5.6	5.6	5.7	5.7	5.8	5.8	5.9	5.9	6.0	6.1	6.1	6.2	6.2	6.3	6.3	6.4	6.4	6.5	6.6		
725	5.5	5.6	5.7	5.7	5.8	5.8	5.9	6.0	6.0	6.1	6.1	6.2	6.2	6.3	6.4	6.4	6.5	6.5	6.6	6.7	6.7	6.8	6.8	6.9	7.0		
750	5.9	5.9	6.0	6.0	6.1	6.2	6.2	6.3	6.4	6.4	6.5	6.5	6.6	6.7	6.7	6.8	6.8	6.9	7.0	7.0	7.1	7.2	7.2	7.3	7.4		
775	6.2	6.2	6.3	6.4	6.4	6.5	6.6	6.6	6.7	6.8	6.8	6.9	7.0	7.0	7.1	7.2	7.2	7.3	7.3	7.4	7.5	7.5	7.6	7.7	7.8		
800	6.5	6.6	6.6	6.7	6.8	6.8	6.9	7.0	7.0	7.1	7.2	7.2	7.3	7.4	7.4	7.5	7.6	7.7	7.7	7.8	7.9	7.9	8.0	8.1	8.2		
825	6.8	6.9	7.0	7.1	7.1	7.2	7.3	7.4	7.4	7.5	7.6	7.6	7.7	7.8	7.9	7.9	8.0	8.1	8.1	8.2	8.3	8.4	8.4	8.5	8.6		
850	7.2	7.3	7.4	7.4	7.5	7.6	7.7	7.7	7.8	7.9	8.0	8.0	8.1	8.2	8.3	8.3	8.4	8.5	8.6	8.6	8.7	8.8	8.9	8.9	9.0		
875	7.6	7.6	7.7	7.8	7.9	8.0	8.0	8.1	8.2	8.3	8.4	8.4	8.5	8.6	8.7	8.8	8.8	8.9	9.0	9.1	9.2	9.2	9.3	9.4	9.5		
900	7.9	8.0	8.1	8.2	8.3	8.3	8.4	8.5	8.6	8.7	8.8	8.8	8.9	9.0	9.1	9.2	9.3	9.3	9.4	9.5	9.6	9.7	9.8	9.8	9.9		
925	8.3	8.4	8.5	8.6	8.7	8.8	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.2	10.3	10.4		
950	8.7	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.5	10.6	10.7	10.8	10.9		
975	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4	10.4	10.5	10.6	10.7	10.8	10.9	11.0	11.1	11.2	11.3	11.4		
1000	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9		