

# Ballistic Calculator

## INPUT VARIABLES

Ballistic Coefficient:	0.527	Velocity (ft/s):	2425	Weight (GR):	123
Maximum Range (yds):	1200	Interval (yds):	25	Drag Function ():	G1
Sight Height (inches):	1.5	Shooting Angle (Deg.):	0	Zero Range (yds):	300
Wind Speed (mph):	0	Wind Angle (Deg.):	90	Altitude (ft):	5280
Pressure (hg):	29.53	Temperature (F):	59	Humidity (%):	78

## Ballistic Results - 14.5" 6.5 Grendel TBAC Ultra 7 123 Scenar 300 yard zero 5280 elevation

RANGE (YDS)	VELOCITY (FPS)	ENERGY (FT.-LB)	TRAJECTORY (IN)	COME UP (MOA)	COME UP (MILS)	WIND DRIFT (IN)	WIND DRIFT (MOA)	WIND DRIFT (MILS)
0	2425	1606	-1.5	0	0	0	0	0
25	2392	1562	0.9	-3.6	-1	0	0	0
50	2359	1520	3	-5.7	-1.7	0	0	0
75	2326	1478	4.6	-5.9	-1.7	0	0	0
100	2294	1437	5.9	-5.6	-1.6	0	0	0
125	2262	1398	6.7	-5.1	-1.5	0	0	0
150	2230	1359	7.2	-4.6	-1.3	0	0	0
175	2199	1320	7.1	-3.9	-1.1	0	0	0
200	2167	1283	6.7	-3.2	-0.9	0	0	0
225	2136	1247	5.7	-2.4	-0.7	0	0	0
250	2106	1211	4.3	-1.7	-0.5	0	0	0
275	2075	1176	2.4	-0.8	-0.2	0	0	0
300	2045	1142	0	0	0	0	0	0
325	2015	1109	-2.9	0.8	0.2	0	0	0
350	1985	1076	-6.3	1.7	0.5	0	0	0
375	1956	1044	-10.4	2.6	0.8	0	0	0
400	1926	1014	-14.9	3.6	1	0	0	0
425	1897	983	-20.1	4.5	1.3	0	0	0
450	1869	954	-25.9	5.5	1.6	0	0	0
475	1840	925	-32.3	6.5	1.9	0	0	0
500	1812	897	-39.3	7.5	2.2	0	0	0
525	1785	870	-47	8.5	2.5	0	0	0
550	1757	843	-55.4	9.6	2.8	0	0	0
575	1730	817	-64.4	10.7	3.1	0	0	0

600	1703	792	-74.2	11.8	3.4	0	0	0
625	1677	768	-84.8	13	3.8	0	0	0
650	1651	744	-96.1	14.1	4.1	0	0	0
675	1625	721	-108.2	15.3	4.5	0	0	0
700	1600	699	-121.2	16.5	4.8	0	0	0
725	1575	677	-135	17.8	5.2	0	0	0
750	1550	656	-149.6	19.1	5.5	0	0	0
775	1526	636	-165.2	20.4	5.9	0	0	0
800	1502	616	-181.7	21.7	6.3	0	0	0
825	1478	597	-199.2	23.1	6.7	0	0	0
850	1455	578	-217.7	24.5	7.1	0	0	0
875	1432	560	-237.2	25.9	7.5	0	0	0
900	1410	543	-257.7	27.3	8	0	0	0
925	1388	526	-279.4	28.8	8.4	0	0	0
950	1367	510	-302.1	30.4	8.8	0	0	0
975	1346	495	-326.1	31.9	9.3	0	0	0
1000	1326	480	-351.2	33.5	9.8	0	0	0
1025	1306	466	-377.6	35.2	10.2	0	0	0
1050	1286	452	-405.2	36.8	10.7	0	0	0
1075	1268	439	-434.3	38.6	11.2	0	0	0
1100	1249	426	-464.7	40.3	11.7	0	0	0
1125	1232	414	-496.4	42.1	12.3	0	0	0
1150	1215	403	-529.5	44	12.8	0	0	0
1175	1198	392	-564.1	45.8	13.3	0	0	0
1200	1182	382	-600.2	47.8	13.9	0	0	0



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