

Grendel 14.5" Barrel Ballistics

Range in Yards	Speer 90 grain TNT			Nosler 120 grain Ballistic Tip			Lapua 123 grain Scenar			Hornady 129 grain SST		
	Velocity	Energy	Path	Velocity	Energy	Path	Velocity	Energy	Path	Velocity	Energy	Path
0	2585	1336	-3.00	2376	1505	-3.00	2405	1580	-3.00	2238	1435	-3.00
50	2430	1181	10.90	2285	1391	9.64	2328	1481	8.52	2155	1330	11.02
100	2281	1040	23.32	2196	1285	20.62	2252	1386	18.45	2073	1231	23.17
150	2137	913	34.08	2108	1185	29.80	2178	1296	26.66	1993	1138	33.29
200	1998	798	42.92	2023	1091	37.02	2105	1211	33.03	1915	1051	41.23
250	1864	695	49.59	1940	1003	42.12	2034	1130	37.45	1840	970	46.80
300	1737	603	53.75	1859	921	44.91	1964	1054	39.76	1766	893	49.79
350	1617	522	55.03	1780	845	45.18	1895	981	39.83	1694	822	50.01
400	1504	452	52.97	1704	774	42.71	1829	913	37.47	1625	757	47.19
450	1399	391	47.07	1631	709	37.25	1763	849	32.51	1558	696	41.08
500	1305	340	36.73	1560	648	28.52	1700	789	24.76	1494	640	31.19
550	1221	298	21.28	1492	593	16.21	1638	733	14.00	1433	588	17.81
600	1150	264	0.00	1428	543	0.00	1578	681	0.00	1375	542	0.00
650	1092	238	-27.84	1367	498	-20.48	1521	632	-17.49	1321	500	-22.41
700	1043	218	-62.97	1309	457	-45.61	1465	587	-38.73	1270	462	-49.80
750	1003	201	-106.08	1257	421	-75.81	1412	545	-64.03	1223	428	-82.58
800	969	188	-157.93	1208	389	-111.51	1362	507	-93.68	1180	399	-121.18
850	939	176	-218.83	1164	361	-153.17	1314	472	-128.02	1141	373	166.02
900	911	166	-289.71	1125	338	-201.24	1269	440	-167.40	1107	351	-217.53
950	886	157	-371.07	1091	317	-256.17	1227	412	-212.17	1076	332	-276.14
1000	863	149	-463.51	1061	300	-318.41	1189	386	-262.71	1049	315	-342.25

Grendel 16" Barrel Ballistics

Range in Yards	Speer 90 grain TNT			Nosler 120 grain Ballistic Tip			Lapua 123 grain Scenar			Hornady 129 grain SST		
	Velocity	Energy	Path	Velocity	Energy	Path	Velocity	Energy	Path	Velocity	Energy	Path
0	2730	1490	-3.00	2450	1600	-3.00	2480	1680	-3.00	2310	1529	-3.00
50	2570	1321	9.31	2357	1481	8.85	2402	1576	7.81	2225	1419	10.11
100	2416	1167	20.31	2267	1369	19.13	2325	1476	17.11	2142	1315	21.47
150	2267	1027	29.81	2178	1264	27.72	2249	1382	24.80	2061	1217	30.93
200	2123	901	37.63	2091	1165	34.48	2175	1292	30.77	1981	1125	38.35
250	1985	788	43.51	2006	1073	39.24	2102	1207	34.91	1904	1038	43.55
300	1852	686	47.18	1923	986	41.85	2031	1127	37.08	1828	958	46.36
350	1725	595	48.32	1843	905	42.11	1961	1051	37.14	1755	882	46.56
400	1606	515	46.53	1765	830	39.81	1893	979	34.94	1684	812	43.94
450	1494	446	41.37	1689	760	34.72	1826	911	30.32	1615	747	38.25
500	1390	386	32.20	1616	696	26.58	1761	847	23.09	1548	687	29.23
550	1296	336	18.74	1546	637	15.11	1697	787	13.05	1485	632	16.59
600	1214	295	0.00	1479	583	0.00	1636	731	0.00	1424	581	0.00
650	1144	262	-24.63	1415	534	-19.08	1576	678	-16.30	1367	535	-20.87
700	1087	236	-55.90	1355	489	-42.51	1518	630	-36.10	1313	494	-46.40
750	1039	216	-94.53	1298	449	-70.67	1563	585	-59.68	1262	457	-76.97
800	1000	200	-141.19	1246	414	-103.99	1410	543	-87.31	1216	424	-113.00
850	966	187	-196.55	1199	383	-142.91	1360	505	-119.31	1174	395	-154.90
900	936	175	-261.23	1156	356	-187.87	1312	470	-156.02	1136	370	-203.12
950	909	165	-355.23	1118	333	-239.33	1267	439	-197.78	1102	348	-258.07
1000	884	156	-420.98	1085	313	-297.75	1226	410	-244.94	1072	329	-320.18

Grendel 19.5" Barrel Ballistics

Range in	Speer 90 grain TNT			Nosler 120 grain Ballistic Tip			Lapua 123 grain Scenar			Hornady 129 grain SST		
	Velocity	Energy	Path	Velocity	Energy	Path	Velocity	Energy	Path	Velocity	Energy	Path
0	2780	1545	-3.00	2520	1693	-3.00	2565	1797	-3.00	2391	1638	-3.00
50	2618	1371	8.82	2426	1568	8.16	2485	1687	7.07	2305	1522	9.19
100	2463	1212	19.38	2334	1451	17.84	2407	1582	15.73	2220	1412	19.74
150	2312	1069	28.50	2243	1341	25.92	2330	1483	22.89	2137	1308	28.53
200	2167	938	36.00	2155	1238	32.28	2254	1388	28.46	2056	1211	35.42
250	2027	821	41.63	2069	1141	36.76	2180	1298	32.31	1976	1119	40.25
300	1892	716	45.16	1984	1050	39.21	2107	1213	34.33	1899	1033	42.86
350	1763	622	46.24	1902	964	39.46	2036	1132	34.39	1824	953	43.05
400	1641	539	44.54	1822	885	37.30	1966	1055	32.36	1750	878	40.63
450	1527	466	39.60	1745	811	32.53	1897	983	28.08	1679	808	35.37
500	1421	403	30.92	1670	743	24.90	1830	915	21.38	1610	743	27.03
550	1324	350	17.94	1597	680	14.15	1756	851	12.08	1544	683	15.34
600	1238	306	0.00	1528	622	0.00	1701	791	0.00	1481	628	0.00
650	1164	271	-23.61	1462	570	-17.88	1640	734	-15.09	1420	578	-19.30
700	1103	243	-53.64	1399	522	-39.82	1580	682	-33.41	1363	532	-42.91
750	1053	222	-90.80	1340	478	-66.21	1522	633	-55.21	1309	491	-71.20
800	1011	204	-135.79	1285	440	-97.44	1467	588	-80.76	1259	454	-104.55
850	976	190	-189.29	1234	406	-133.93	1414	546	-110.36	1213	422	-143.39
900	945	178	-251.91	1187	376	-176.14	1363	508	-144.31	1171	393	-188.13
950	917	168	-324.28	1146	350	-224.52	1315	473	-182.93	1134	368	-239.21
1000	891	159	-407.00	1109	328	-279.52	1270	441	-226.58	1100	347	-297.06

## Grendel 24" Barrel Ballistics

Range in	Speer 90 grain TNT			Nosler 120 grain Ballistic Tip			Lapua 123 grain Scenar			Hornady 129 grain SST		
	Velocity	Energy	Path	Velocity	Energy	Path	Velocity	Energy	Path	Velocity	Energy	Path
0	2880	1658	-3.00	2600	1802	-3.00	2620	1875	-3.00	2470	1748	-3.00
50	2715	1473	7.93	2504	1671	7.44	2539	1761	6.63	2382	1626	8.38
100	2556	1305	17.68	2410	1548	16.49	2460	1653	14.92	2296	1510	18.23
150	2402	1153	26.09	2318	1433	24.05	2382	1550	21.77	2211	1401	26.42
200	2253	1015	33.00	2228	1324	29.99	2305	1452	27.08	2128	1298	32.84
250	2110	890	38.19	2140	1221	34.18	2230	1359	30.76	2047	1201	37.35
300	1972	778	41.43	2054	1125	36.47	2156	1270	32.70	1968	1110	39.77
350	1840	677	42.43	1971	1035	36.70	2084	1186	32.76	1891	1025	39.96
400	1714	587	40.86	1889	951	34.70	2013	1107	30.83	1816	945	37.71
450	1595	508	36.33	1809	872	10.25	1943	1032	26.75	1743	870	32.83
500	1483	440	28.38	1732	800	13.16	1875	961	20.36	1672	801	25.09
550	1381	381	16.47	1658	732	13.16	1809	894	11.51	1603	737	14.23
600	1288	332	0.00	1586	670	0.00	1744	831	0.00	1538	677	0.00
650	1207	291	-21.71	1517	613	-16.62	1681	772	-14.37	1475	623	-17.91
700	1138	259	-49.38	1451	561	-37.01	1620	717	-31.81	1414	573	-39.82
750	1082	234	-83.76	1389	514	-61.54	1561	666	-52.56	1358	528	-66.07
800	1035	214	-125.55	1330	472	-90.57	1504	618	-76.88	1304	487	-97.05
850	997	199	-175.45	1276	434	-124.51	1449	574	-105.04	1254	451	-133.13
900	963	185	-234.11	1226	400	-163.80	1397	533	-137.34	1209	419	-174.74
950	933	174	-302.14	1180	371	-208.87	1347	496	-174.10	1167	390	-222.29
1000	906	164	-380.16	1139	346	-260.19	1300	462	-215.64	1130	366	-276.23