



NITROFIRE® 50 CALIBER BALLISTIC DATA CHART

					VELOCITY (FPS)/YDS						ENERGY (FT-LBS)/YARDS						TRAJECTORY					
BULLET	SERIES	WEIGHT	BALLISTIC COEF.	CHARGE	MUZZLE	50 yds	100 yds	150 yds	200 yds	250 yds	MUZZLE	50	100	150	200	250	MZL	50	100	150	200	250
A2000	BLEED	170	0.200	80gr FireStick	1966	1782	1612	1456	1318	1201	1459	1199	981	801	656	545	-1.5	0.6	0	-4	-12	-25.1
				100gr FireStick	2134	1940	1579	1590	1437	1301	1719	1421	1168	955	779	639	-1.5	0.4	0	-3.2	-9.9	-20.8
				120gr FireStick	2314	2111	1919	1739	1572	1420	2022	1682	1390	1141	933	762	-1.5	0.2	0	-2.6	-8	-17.1
A2001	XR POLYMER	200	0.196	80gr FireStick	1888	1706	1539	1388	1257	1150	1583	1292	1051	855	701	587	-1.5	0.7	0	-4.4	-13.4	-27.9
				100gr FireStick	2074	1880	1699	1532	1382	1252	1911	1570	1282	1043	848	696	-1.5	0.5	0	-3.5	-10.7	-22.5
				120gr FireStick	2256	2052	1860	1680	1515	1367	2261	1870	1536	1254	1020	830	-1.5	0.3	0	-2.8	-8.7	-18.4
A2003	XR POLYMER	230	0.227	80gr FireStick	1683	1539	1408	1290	1191	1111	1447	1210	1012	851	724	630	-1.5	1.1	0	-5.5	-16.2	-33
				100gr FireStick	1956	1794	1642	1502	1374	1262	1954	1644	1378	1152	964	813	-1.5	0.6	0	-3.8	-11.5	-23.8
				120gr FireStick	2059	1891	1734	1586	1451	1328	2165	1827	1535	1285	1285	901	-1.5	0.5	0	-3.4	-10.2	-21.2
A2005	XR POLYMER	250	0.262	80gr FireStick	1794	1662	1538	1423	1319	1228	1787	1533	1313	1125	966	837	-1.5	0.8	0	-4.5	-13.3	-27.1
				100gr FireStick	1961	1820	1686	1561	1445	1338	2135	1839	1579	1353	1159	995	-1.5	0.6	0	-3.6	-10.8	-22.2
				120gr FireStick	2133	1984	1842	1708	1581	1463	2526	2186	1884	1619	1388	1188	-1.5	0.4	0	-2.9	-8.8	-18.2
A2007	CARNIVORE	250	0.220	80gr FireStick	1794	1643	1504	1377	1265	1171	1787	1499	1256	1053	889	761	-1.5	0.9	0	-4.7	-14	-28.8
				100gr FireStick	1961	1800	1650	1510	1382	1270	2135	1799	1510	1266	1061	895	-1.5	0.6	0	-3.8	-11.4	-23.6
				120gr FireStick	2133	1963	1803	1652	1512	1385	2525	2140	1804	1515	1270	1064	-1.5	0.4	0	-3.1	-9.3	-19.4
A2009	CARNIVORE	275	0.234	80gr FireStick	1738	1600	1472	1355	1252	1165	1844	1563	1323	1122	958	829	-1.5	1	0	-5	-14.7	-29.9
				100gr FireStick	1901	1753	1614	1485	1367	1263	2207	1876	1590	1346	1141	973	-1.5	0.7	0	-4	-12	-24.6
				120gr FireStick	2080	1923	1774	1634	1503	1384	2642	2257	1921	1629	1380	1169	-1.5	0.4	0	-3.2	-9.7	-20
A2011	CARNIVORE	305	0.242	80gr FireStick	1680	1550	1430	1322	1226	1147	1911	1627	1385	1183	1019	890	-1.5	1.1	0	-5.3	-15.6	-31.7
				100gr FireStick	1846	1705	1574	1452	1341	1244	2308	1970	1678	1429	1219	1047	-1.5	0.8	0	-4.3	-12.6	-25.9
				120gr FireStick	2008	1859	1718	1586	1463	1351	2731	2341	2000	1704	1450	1237	-1.5	0.5	0	-3.5	-10.4	-21.4
A1824/A1826	SMACKDOWN-YELLOW	250	0.210	80gr FireStick	1673	1519	1379	1258	1157	1079	1554	1281	1056	878	743	646	-1.5	1.15	0	-5.7	-16.9	-34.6
				100gr FireStick	1919	1746	1587	1441	1310	1200	2045	1693	1398	1152	953	799	-1.5	0.7	0	4.1	-12.5	-25.9
				120gr FireStick	2038	1858	1690	1535	1394	1270	2306	1918	1587	1308	1079	896	-1.5	0.5	0	-3.5	-10.8	-22.6
A1825/A1827	SMACKDOWN-YELLOW	300	0.250	80gr FireStick	1657	1528	1409	1302	1209	1131	1829	1555	1322	1123	973	853	-1.5	1.1	0	-5.5	-16.1	-32.7
				100gr FireStick	1858	1716	1583	1459	1347	1247	2300	1961	1669	1418	1208	1036	-1.5	0.7	0	-4.2	-12.5	-25.6
				120gr FireStick	2052	1900	1756	1620	1494	1378	2805	2405	2053	1748	1486	1265	-1.5	0.5	0	-3.3	-9.9	-20.4
A1497	XTP HUNTER .44 BULLET /50 SABOT	240	0.205	80gr FireStick	1790	1623	1470	1333	1216	1122	1708	1403	1151	947	788	671	-1.5	0.9	0	-4.9	-14.8	-30.5
				100gr FireStick	1968	1788	1622	1469	1332	1215	2064	1705	1401	1150	946	787	-1.5	0.6	0	-3.9	-11.9	-24.8
				120gr FireStick	2116	1928	1751	1587	1438	1305	2386	1981	1635	1343	1102	908	-1.5	0.4	0	-3.3	-10	-20.9
A2013	SMACKDOWN MZX	290	0.135	80gr FireStick	1670	1436	1243	1101	1006	938	1827	1352	1012	794	663	573	-1.5	1.4	0	-7	-21.1	43.91
				100gr FireStick	1850	1594	1372	1194	1068	983	2242	1665	1234	933	747	633	-1.5	1	0	-5.6	-17.3	-36.6
				120gr FireStick	1935	1670	1437	1244	1102	1006	2453	1827	1353	1013	795	663	-1.5	0.8	0	-5	-15.7	-33.6
A2015B	SMACKDOWN ELD-X	340	0.315	80gr FireStick	1630	1530	1437	1350	1271	1201	2006	1768	1558	1376	1220	1090	-1.5	1.1	0	-5.3	-15.4	-30.9
				100gr FireStick	1843	1732	1627	1528	1435	1348	2564	2271	2009	1775	1569	1388	-1.5	0.7	0	-4	-11.7	-23.6
				120gr FireStick	1959	1844	1733	1628	1529	1436	2897	2566	2268	2002	1765	1556	-1.5	0.5	0	-3.4	-10.1	-20.6
A2019	SMACKDOWN MAGNUM MZ	250	0.195	80gr FireStick	1810	1640	1484	1344	1224	1128	1819	1492	1222	1003	832	706	-1.5	0.9	0	-4.8	-14.5	-30
				100gr FireStick	2017	1833	1661	1503	1361	1239	2258	1865	1532	1255	1029	852	-1.5	0.6	0	-3.7	-11.3	-23.6
				120gr FireStick	2151	1959	1779	1612	1458	1322	2568	2131	1757	1442	1181	970	-1.5	0.4	0	-3.1	-9.6	-20.2

NOTE: The above loads are for reference only. It is strongly recommended that you test your rifle at the given ranges. BALLISTIC CHART (REV. 01/07/2026)