

				50 CALIBER BALLISTIC DATA NITROFIRE																		
BALLISTIC CHART Nitrofire Rev. 1 (05/02/2022)																						
BULLET DATA				Load Data	VELOCITY Data /YDS						ENERGY (FT-LBS)/YARDS						TRAJECTORY					
BULLET	SERIES	WEIGHT	BALLISTIC COEF.	Firestick CHARGE	MZL VELOCITY (FPS)	50	100	150	200	250	MZL.	50	100	150	200	250	Muzzle	50	100	150	200	250
A2000	BLEED	170	0.200	80 Gr	1966	1782	1612	1456	1318	1201	1459	1199	981	801	656	545	-1.50	0.63	0.00	-3.97	-12.06	-25.17
A2000	BLEED	170	0.200	100 Gr	2134	1940	1759	1590	1437	1301	1719	1421	1168	955	779	639	-1.50	0.41	0.00	-3.23	-9.91	-20.82
A2000	BLEED	170	0.200	120Gr	2314	2111	1919	1739	1572	1420	2022	1682	1390	1141	933	762	-1.50	0.23	0.00	-2.60	-8.09	-17.10
A2001	XR POLYMER	200	0.196	80 Gr	1888	1706	1539	1388	1257	1150	1583	1292	1051	855	701	587	-1.50	0.76	0.00	-4.43	-13.40	-27.87
A2001	XR POLYMER	200	0.196	100 Gr	2074	1880	1699	1532	1382	1252	1911	1570	1282	1043	848	696	-1.50	0.49	0.00	-3.50	-10.72	-22.51
A2001	XR POLYMER	200	0.196	120Gr	2256	2052	1860	1680	1515	1367	2261	1870	1536	1254	1020	830	-1.50	0.29	0.00	-2.80	-8.70	-18.40
A2003	XR POLYMER	230	0.227	80 Gr	1683	1539	1408	1290	1191	1111	1447	1210	1012	851	724	630	-1.50	1.10	0.00	-5.47	-16.18	-33.02
A2003	XR POLYMER	230	0.227	100 Gr	1956	1794	1642	1502	1374	1262	1954	1644	1378	1152	964	813	-1.50	0.61	0.00	-3.84	-11.54	-23.86
A2003	XR POLYMER	230	0.227	120Gr	2059	1891	1734	1586	1451	1328	2165	1827	1535	1285	1075	901	-1.50	0.47	0.00	-3.37	-10.21	-21.18
A2005	XR POLYMER	250	0.262	80 Gr	1794	1662	1538	1423	1319	1228	1787	1533	1313	1125	966	837	-1.50	0.84	0.00	-4.51	-13.32	-27.13
A2005	XR POLYMER	250	0.262	100 Gr	1961	1820	1686	1561	1445	1338	2135	1839	1579	1353	1159	995	-1.50	0.57	0.00	-3.63	-10.83	-22.21
A2005	XR POLYMER	250	0.262	120Gr	2133	1984	1842	1708	1581	1463	2526	2186	1884	1619	1388	1188	-1.50	0.36	0.00	-2.92	-8.84	-18.23
A2007	CARNIVORE	250	0.262	80 Gr	1794	1662	1538	1423	1319	1228	1787	1533	1313	1125	966	837	-1.50	0.84	0.00	-4.51	-13.32	-27.13
A2007	CARNIVORE	250	0.262	100 Gr	1961	1820	1686	1561	1445	1338	2135	1839	1579	1353	1159	995	-1.50	0.57	0.00	-3.63	-10.83	-22.21
A2007	CARNIVORE	250	0.262	120Gr	2133	1984	1842	1708	1581	1463	2526	2186	1884	1619	1388	1188	-1.50	0.36	0.00	-2.92	-8.84	-18.23
A2009	CARNIVORE	275	0.289	80 Gr	1738	1621	1511	1409	1315	1232	1845	1604	1394	1212	1056	927	-1.50	0.92	0.00	-4.72	-13.83	-27.97
A2009	CARNIVORE	275	0.289	100 Gr	1901	1775	1656	1544	1439	1343	2207	1925	1676	1456	1266	1102	-1.50	0.64	0.00	-3.79	-11.25	-22.90
A2009	CARNIVORE	275	0.289	120Gr	2080	1947	1820	1698	1584	1476	2642	2315	2022	1761	1532	1331	-1.50	0.41	0.00	-3.02	-9.07	-18.58
A2011	CARNIVORE	305	0.383	80 Gr	1680	1593	1511	1433	1360	1292	1912	1720	1547	1391	1253	1131	-1.50	0.98	0.00	-4.76	-13.77	-27.48
A2011	CARNIVORE	305	0.383	100 Gr	1846	1753	1663	1578	1496	1419	2308	2080	1873	1686	1516	1364	-1.50	0.68	0.00	-3.81	-11.12	-22.32
A2011	CARNIVORE	305	0.383	120Gr	2008	1909	1814	1722	1634	1550	2731	2469	2228	2008	1808	1626	-1.50	0.45	0.00	-3.08	-9.11	-18.39
A2013	SMACKDOWN-MZX	295	0.135	80 Gr	1670	1436	1243	1101	1006	938	1827	1352	1012	794	663	576	-1.50	1.38	0.00	-7.00	21.16	-43.91
A2013	SMACKDOWN-MZX	295	0.135	100 Gr	1850	1594	1372	1194	1068	983	2242	1665	1234	933	747	633	-1.50	0.99	0.00	-5.60	-17.31	-36.63
A2013	SMACKDOWN-MZX	295	0.135	120Gr	1935	1670	1437	1244	1102	1006	2453	1827	1353	1013	795	663	-1.50	0.83	0.00	-5.06	-15.75	-33.59
A1824/A1826	SMACKDOWN-YELLOW	250	0.210	80 Gr	1673	1519	1379	1258	1157	1079	1554	1281	1056	878	743	646	-1.50	1.15	0.00	-5.72	-16.94	-34.66
A1824/A1826	SMACKDOWN-YELLOW	250	0.210	100 Gr	1919	1746	1587	1441	1310	1200	2045	1693	1398	1152	953	799	-1.50	0.69	0.00	-4.13	-12.47	-25.88
A1824/A1826	SMACKDOWN-YELLOW	250	0.210	120Gr	2038	1858	1690	1535	1394	1270	2306	1918	1587	1308	1079	896	-1.50	0.52	0.00	-3.56	-10.83	-22.58
A1825	SMACKDOWN-YELLOW	300	0.250	80 Gr	1657	1528	1409	1302	1209	1131	1829	1555	1322	1129	973	853	-1.50	1.13	0.00	-5.50	-16.14	-32.73
A1825	SMACKDOWN-YELLOW	300	0.250	100 Gr	1858	1716	1583	1459	1347	1247	2300	1961	1669	1418	1208	1036	-1.50	0.74	0.00	-4.20	-12.50	-25.59
A1825	SMACKDOWN-YELLOW	300	0.250	120Gr	2052	1900	1756	1620	1494	1378	2805	2405	2053	1748	1486	1265	-1.50	0.47	0.00	-3.28	-9.88	-20.39
A1497	TPF HUNTER .44 BULLET /50 SABOT	240	0.205	80 Gr	1790	1623	1470	1333	1216	1122	1708	1403	1151	947	788	671	-1.50	0.92	0.00	-4.94	-14.79	-30.52
A1497	TPF HUNTER .44 BULLET /50 SABOT	240	0.205	100 Gr	1968	1788	1622	1469	1332	1215	2064	1705	1401	1150	946	787	-1.50	0.62	0.00	-3.92	-11.89	-24.77
A1497	TPF HUNTER .44 BULLET /50 SABOT	240	0.205	120Gr	2116	1928	1751	1587	1438	1305	2386	1981	1635	1343	1102	908	-1.50	0.43	0.00	-3.26	-9.99	-20.93

Bullet Testing Using Traditions Nitrofire 26" Barrel, CCI 209 PRIMERS, Use Federal Firestick Loads Only

“NOTE: The above loads are for reference only. It is strongly recommended that you test your rifle at the given ranges, with the load combination of your choice, in order to fully understand how that load will perform in your muzzleloader.”