

RIFLE BALLISTICS

LOAD NO.	CALIBER	WEIGHT		BULLET STYLE	PRIMER NO	VELOCITY IN FEET PER SEC. (TO NEAREST 10 FPS)						ENERGY IN FOOT POUNDS (NEAREST 5 FOOT POUNDS)					WIND DRIFT					HEIGHT OF BULLET TRAJECTORY ABOVE OR BELOW LINE OF SIGHT IF ZEROED AT 100 YARDS SIGHTS 1.5 INCHES ABOVE BORE LINE										TEST BARREL LENGTH	
		GRAINS	GRAMS			Muzzle	100	200	300	400	500	Muzzle	100	200	300	400	500	100	200	200	400	500	AVERAGE RANGE					LONG RANGE					
																							50	100	200	300	400	500	50	100	200		300
F243FS1	243 Win. (6.16x51mm)	95	6.16	Fusion	210	2980	2750	2530	2320	2120	1930	1875	1595	1350	1135	950	785	0.7	3.0	7.1	13.2	21.5	-0.2	◆	-3.1	-11.6	0.6	1.6	◆	-0.7	-20.5	-41.6	24
F2506FS1	25-06 Rem.	120	7.78	Fusion	210	2980	2730	2490	2260	2040	1840	2365	1980	1645	1360	1110	900	0.8	3.4	7.9	14.8	24.2	-0.2	◆	-3.2	-12.0	0.6	1.6	◆	-7.2	-21.3	-43.6	24
F270FS1	270 Win.	130	8.42	Fusion	210	3050	2830	2620	2420	2230	2050	2685	2310	1980	1690	1430	1205	0.6	2.8	6.4	11.8	19.3	-0.2	◆	-2.9	-10.8	0.5	1.4	◆	-6.4	-18.9	-38.4	24
F270FS2	270 Win.	150	9.72	Fusion	210	2850	2670	2490	2320	2160	2000	2705	2370	2065	1795	1550	1335	0.7	2.7	6.0	11.2	18.0	-0.2	◆	-3.4	-12.4	0.7	1.7	◆	-7.3	-21.1	-42.2	24
F270WSMFS1	270 WSM	150	9.72	Fusion	215	3080	2890	2700	2520	2350	2190	3160	2775	2430	2120	1840	1590	0.5	2.3	5.4	9.9	16.2	-0.3	◆	-2.7	-10.2	0.4	1.4	◆	-6.1	-17.6	-35.6	24
F708FS1	7mm-08 Rem.	140	9.07	Fusion	210	2850	2620	2390	2180	1980	1790	2525	2125	1780	1480	1220	995	0.9	3.4	8.0	14.9	24.3	-0.2	◆	-3.6	-13.3	0.7	1.8	◆	-7.9	-23.2	-47.2	24
F280FS1	280 Rem.	140	9.07	Fusion	210	2990	2750	2520	2300	2090	1900	2780	2345	1970	1645	1360	1120	0.8	3.2	7.4	13.9	22.5	-0.2	◆	-3.1	-11.7	0.6	1.6	◆	-0.7	-20.7	-42.1	24
F7RFS1	7mm Rem. Mag.	150	9.72	Fusion	215	3050	2860	2680	2510	2340	2180	3100	2725	2390	2090	1820	1580	0.5	2.3	5.4	9.8	16.0	-0.3	◆	-2.8	-10.4	0.4	1.4	◆	-6.2	-17.9	-36.1	24
F7RFS2	7mm Rem. Mag.	175	11.34	Fusion	215	2760	2590	2430	2270	2120	1980	2960	2610	2295	2010	1750	1520	0.7	2.5	5.8	10.8	17.4	-0.1	◆	-3.6	-13.2	0.8	1.8	◆	-7.8	-22.3	-44.5	24
F7WSMFS1	7mm WSM	150	9.72	Fusion	215	3100	2910	2730	2560	2390	2230	3200	2820	2480	2175	1900	1650	0.5	2.2	5.2	9.5	15.4	-0.3	◆	-2.6	-9.9	0.4	1.3	◆	-0.6	-17.2	-34.7	24
F3030FS1	30-30 Win.	150	9.72	Fusion	210	2390	2090	1810	1550	1340	1170	1900	1450	1085	805	595	455	1.6	6.6	16.2	30.8	51.1	0.1	◆	-6.5	-23.9	1.7	3.2	◆	-14.2	-42.8	-91.5	24
F3030FS2	30-30 Win.	170	11.02	Fusion	210	2200	1950	1720	1510	1330	1180	1825	1435	1115	860	665	525	1.4	6.3	15.1	28.5	46.7	0.3	◆	-7.7	-27.2	2.2	3.9	◆	-15.6	-46.8	-97.8	24
F308FS1	308 Win. (7.62x51mm)	150	9.72	Fusion	210	2820	2600	2390	2190	2000	1820	2650	2250	1900	1595	1330	1100	0.8	3.2	7.7	14.2	23.0	-0.2	◆	-3.6	-13.4	0.7	1.8	◆	-0.8	-23.3	-46.9	24
F308FS2	308 Win. (7.62x51mm)	165	10.69	Fusion	210	2700	2510	2320	2140	1970	1810	2670	2300	1970	1680	1425	1200	0.7	3.0	7.3	13.4	21.7	-0.1	◆	-4.0	-14.6	0.9	0.2	◆	-8.6	-24.6	-49.5	24
F308FS3	308 Win. (7.62x51mm)	180	11.66	Fusion	210	2600	2430	2260	2100	1950	1800	2700	2355	2040	1760	1515	1295	0.6	2.9	6.9	12.6	20.5	-0.1	◆	-4.4	-15.7	0.1	2.2	◆	-9.1	-25.8	-51.9	24
F3006FS1	30-06 Spring. (7.62x63mm)	150	9.72	Fusion	210	2900	2670	2460	2250	2060	1870	2800	2380	2015	1695	1410	1170	0.8	3.1	7.4	13.7	22.2	-0.2	◆	-3.4	-12.5	0.7	1.7	◆	-7.5	-21.8	-44.1	24
F3006FS2	30-06 Spring. (7.62x63mm)	165	10.69	Fusion	210	2790	2590	2400	2220	2040	1880	2850	2460	2110	1800	1525	1285	0.8	2.9	7.0	12.9	20.7	-0.1	◆	-3.7	-13.4	0.8	1.8	◆	-7.9	-22.9	-46.0	24
F3006FS3	30-06 Spring. (7.62x63mm)	180	11.66	Fusion	210	2700	2520	2350	2190	2030	1870	2915	2540	2205	1905	1640	1405	0.7	2.7	6.6	12.1	19.4	-0.1	◆	-4.0	-14.3	0.9	0.2	◆	-8.4	-23.9	-47.8	24
F300WFS1	300 Win. Mag.	150	9.72	Fusion	215	3200	2960	2730	2510	2300	2110	3410	2915	2480	2100	1770	1480	0.6	2.7	6.4	11.8	19.4	-0.3	◆	-2.5	-9.6	0.3	1.2	◆	-5.9	-17.3	-35.4	24
F300WFS2	300 Win. Mag.	165	10.69	Fusion	215	3080	2870	2660	2460	2280	2100	3475	3005	2590	2225	1900	1610	0.6	2.6	6.1	11.2	18.3	-0.3	◆	-2.8	-10.4	0.4	1.4	◆	-6.3	-18.3	-37.1	24
F300WFS3	300 Win. Mag.	180	11.66	Fusion	215	2960	2770	2580	2400	2230	2070	3500	3055	2660	2305	1985	1705	0.6	2.6	5.9	10.9	17.7	-0.2	◆	-3.1	-11.3	0.6	1.5	◆	-6.7	-19.5	-39.4	24
F300WSMFS3	300 WSM	150	9.72	Fusion	215	3300	3050	2820	2600	2390	2180	3625	3105	2645	2245	1895	1590	0.7	2.6	6.2	11.3	18.5	-0.3	◆	-2.2	-8.9	0.2	1.1	◆	-5.5	-16.1	-33.0	24
F300WSMFS1	300 WSM	165	10.69	Fusion	215	3100	2890	2680	2480	2300	2120	3520	3050	2630	2260	1930	1640	0.6	2.6	6.0	11.1	18.1	-0.3	◆	-2.7	-10.2	0.4	1.4	◆	-6.2	-18.0	-36.5	24
F300WSMFS2	300 WSM	180	11.66	Fusion	215	2950	2760	2570	2390	2220	2060	3480	3035	2640	2285	1970	1690	0.6	2.6	5.9	11.0	17.9	-0.2	◆	-3.1	-11.4	0.6	1.5	◆	-6.8	-19.7	-39.7	24
F338FS1	338 Win. Mag.	225	14.58	Fusion	215	2800	2600	2410	2220	2040	1880	3915	3375	2890	2465	2085	1755	0.8	2.9	7.0	12.9	20.9	-0.2	◆	-3.6	-13.3	0.8	1.8	◆	-7.9	-22.8	-45.8	24

These trajectory tables were calculated by computer using the best available data for each load. Trajectories are representative of the nominal behavior of each load at

standard conditions (59°F temperature; barometric pressure of 29.53 inches; altitude at sea level). Shooters are cautioned that actual trajectories may differ due to variations in

altitude, atmospheric conditions, guns, sights and ammunition.

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HANDGUN [15]

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HANDGUN [16]

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GEAR [25]



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GEAR [26]



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