

# Cartridge List



Drop number for most of the currently available factory ammo

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at			Number Change/K Ft		
								50 U	100 U	200 U	200 Y	500 Y	
17 HMR	15.5	1.0	NTX	Hornady	2650	808	0.115	006				-21	
17 HMR	16	1.0	TNT Green	CCI 17 HMR TNT Green	2500	762	0.089	011				-39	
17 HMR	17	1.1	V-Max	Win Supreme	2550	777	0.127	007				-20	
17 HMR	17	1.1	AccuTip	Rem Premier	2550	777	0.124	007				-21	
17 HMR	17	1.1	V-Max	Hornady	2550	777	0.062	017				-68	
17 HMR	17	1.1	TNT HP	CCI 17 HMR TNT	2550	777	0.099	009				-31	
17 HMR	17	1.1	V-Max	CCI 17 HMR V-Max	2550	777	0.128	007				-20	
17 HMR	17	1.1	TNT HP	Fed 17 HMR TNT	2530	771	0.109	008				-27	
17 HMR	17	1.1	V-Max	Fed 17 HMR V-Max	2530	771	0.125	007				-21	
17 HMR	20	1.3	JHP	Win Super-x	2375	724	0.129	009				-23	
17 HMR	20	1.3	XTP	Hornady	2375	724	0.065	020				-68	
17 HMR	20	1.3	FMJ	CCI 17 HMR FMJ	2375	724	0.129	009				-23	
17 HMR	20	1.3	JSP (GamePoint)	CCI 17 HMR GamePoint	2375	724	0.124	009				-25	
17 Mach2	15.5	1.0	NTX	Hornady	2200	671	0.114	013				-34	
17 Mach2	17	1.1	V-Max	Hornady	2100	640	0.062	027				-74	
17 Mach2	17	1.1	V-Max	CCI 17 Mach 2 V-Max	2010	613	0.127	016				-33	
17 Rem	20	1.3	AccuTip-V	Rem Premier AT-V	4250	1295	0.185		132	232		-0.8	
17 Rem	25	1.6	Hollow Point	Remington CL	4040	1231	0.187		136	236		-0.9	
17 Rem Fireball	20	1.3	AccuTip-V	Rem Premier AT-V	4000	1219	0.185		138	238		-1.0	
17 Rem Fireball	25	1.6	Jacketed HP	Remington UMC	3850	1173	0.193		140	240		-1.0	
19 Badger	27	1.8	DBL HP	James Calhoun Mfg	3750	1143	0.167		151	251		-1.5	
19 Badger	32	2.1	DBL HP	James Calhoun Mfg	3550	1082	0.188		151	251		-1.3	
19 Badger	32	2.1	ST	James Calhoun Mfg	3550	1082	0.188		151	251		-1.3	
19 Calhoun	27	1.8	DBL HP	James Calhoun Mfg	3600	1097	0.167		157	257		-1.7	
19 Calhoun	32	2.1	DBL HP	James Calhoun Mfg	3400	1036	0.188		158	258		-1.5	
19 Calhoun	32	2.1	ST	James Calhoun Mfg	3400	1036	0.188		158	258		-1.5	
19-223 Calhoun	32	2.1	DBL HP	James Calhoun Mfg	4100	1250	0.188		135	235		-0.9	
19-223 Calhoun	36	2.3	DBL HP	James Calhoun Mfg	3800	1158	0.206		139	239		-0.9	
19-223 Calhoun	40	2.6	DBL HP	James Calhoun Mfg	3700	1128	0.228		138	238		-0.8	
19-223 Calhoun	40	2.6	ST	James Calhoun Mfg	3700	1128	0.228		138	238		-0.8	
19-223 Calhoun	44	2.9	DBL HP	James Calhoun Mfg	3600	1097	0.258		137	237		-0.7	
204 Ruger	30	1.9	NTX	Hornady Varmint	4225	1288	0.212		128	228		-0.6	
204 Ruger	32	2.1	Nosler Ballistic Tip	Federal Premium	4030	1228	0.207		133	233		-0.7	
204 Ruger	32	2.1	Speer TNT Green	Federal Premium	4030	1228	0.16		145	245		-1.3	
204 Ruger	32	2.1	V-MAX (26in Bbl)	Hornady Varmint	4225	1288	0.21		129	229		-0.6	
204 Ruger	32	2.1	AccuTip-V	Rem Premier AT-V	4225	1288	0.21		129	229		-0.6	
204 Ruger	32	2.1	Ballistic Silvertip	Win. Supreme	4050	1234	0.206		133	233		-0.7	
204 Ruger	34	2.2	Hollow Point	Win. Super-X	4025	1227	0.167		142	242		-1.2	
204 Ruger	39	2.5	Sierra BlitzKing	Federal Premium	3750	1143	0.284		131	231		-0.5	
204 Ruger	40	2.6	V-MAX (26in Bbl)	Hornady Varmint	3900	1189	0.2		137	237		-0.9	
204 Ruger	40	2.6	AccuTip-V	Rem Premier AT-V	3900	1189	0.275		129	229		-0.5	
204 Ruger	45	2.9	SP (26in Bbl)	Hornady Varmint	3625	1105	0.245		138	238		-0.7	
204 Ruger	40	2.6	Ballistic Tip	Nosler Custom	3625	1105	0.238		139	239		-0.8	
.224 Wby.	55	3.6	SP	Weatherby	3650	1113	0.235		138	238		-0.8	
22 Hornet	45	2.9	Core-Lokt	Remington CL	2690	820	0.13	005				-17	
22 Hornet	45	2.9	Core-Lokt	Remington CL	2690	820	0.13	005				-17	
22 Hornet	45	2.9	FMJ	Sellor & Bellot	2346	715	0.12	010				-27	
22 Hornet	45	2.9	SP	Sellor & Bellot	2346	715	0.12	010				-27	
22 Hornet	45	2.9	Soft Point	Win. Super-X	2690	820	0.13	005				-17	
22 Hornet	46	3.0	MJ	RWS Ammo	2428	740	0.114	009				-27	
22 Hornet	46	3.0	TMS	RWS Ammo	2428	740	0.152	007				-18	
22 Hornet	46	3.0	VMS	RWS Ammo	2428	740	0.152	007				-18	
22 Hornet	46	3.0	Hollow Point	Win. Super-X	2690	820	0.13	005				-17	
22 Hornet	40	2.6	Ballistic Tip	Nosler Custom	2850	869	0.22		178			-1.8	
22 L	29	1.9	RN	CCI 22 LongHV	1215	370	0.079	052				-38	
22 LR	21	1.4	Green HP	CCI 22 SRG	1650	503	0.049	049				-74	
22 LR	22	1.4	HP-Tin	Win super-x	1650	503			no data available				
22 LR	31	2.0	HP	Fed Game Shock	1430	436	0.105	037				-32	

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								50 U	100 U	200 U	200 Y	500 Y	
22 LR	32	2.1	HP Lub	Win Expediter	1640	500	0.102	030				-41	
22 LR	32	2.1	Stinger HP	CCI 22 Stinger	1640	500	0.083	034				-48	
22 LR	32	2.1	Segmented HP	CCI 22 Segmented HP	1640	500	0.083	034				-48	
22 LR	33	2.1	HP-T	Rem Yellow Jacket	1500	457	0.105	034				-35	
22 LR	36	2.3	HP	Win xpert	1220	372	0.104	047				-29	
22 LR	36	2.3	HP Lub	Win 555 rounds	1280	390	0.101	044				-30	
22 LR	36	2.3	HP Lub	Win 333 rounds	1280	390	0.101	044				-30	
22 LR	36	2.3	FP	Rem Viper	1410	430	0.114	036				-28	
22 LR	36	2.3	HP	Rem Golden Bullet	1280	390	0.123	041				-25	
22 LR	36	2.3	HP	Rem Cyclone	1280	390	0.123	041				-25	
22 LR	36	2.3	HP	Rem Game Load	1280	390	0.123	041				-25	
22 LR	36	2.3	Mini-Mag HP	CCI 22 Mini-Mag HP	1260	384	0.123	042				-25	
22 LR	36	2.3	HP	Fed Champion Target	1260	384	0.123	042				-25	
22 LR	37	2.4	HP	Win Super-x	1280	390	0.126	041				-25	
22 LR	37	2.4	HP	Win Super-x	1330	405	0.126	038				-25	
22 LR	38	2.5	HP	Rem Subsonic	1050	320	0.126	055				-39	
22 LR	38	2.5	HP	Fed Game Shock	1260	384	0.129	041				-24	
22 LR	38	2.5	HP	Fed American Eagle HP	1260	384	0.129	041				-24	
22 LR	40	2.6	RN	Win Super-x	1150	351	0.148	046				-34	
22 LR	40	2.6	HP	Win Super-x	1280	390	0.116	042				-27	
22 LR	40	2.6	HP	Win Super-x	1065	325	0.14	052				-34	
22 LR	40	2.6	HP	Win Super-x	1280	390	0.116	042				-27	
22 LR	40	2.6	RN	Win Super-x	1255	383	0.136	041				-23	
22 LR	40	2.6	RN	Win Super-x	1300	396	0.136	039				-23	
22 LR	40	2.6	RN	Win Wildcat	1255	383	0.136	041				-23	
22 LR	40	2.6	RN	Win Dynapoint	1150	351	0.148	046				-34	
22 LR	40	2.6	Flat	Rem ELEY	1085	331	0.154	050				-33	
22 LR	40	2.6	RN	Rem ELEY	1085	331	0.154	050				-44	
22 LR	40	2.6	RN	Rem ELEY	1085	331	0.154	050				-56	
22 LR	40	2.6	HP	Rem Golden Bullet	1255	383	0.136	041				-23	
22 LR	40	2.6	RN	Rem Thunderbolt	1255	383	0.136	041				-23	
22 LR	40	2.6	RN	Rem Targit	1150	351	0.144	046				-36	
22 LR	40	2.6	RN	Blazer High Velocity	1235	376	0.141	041				-22	
22 LR	40	2.6	Segmented HP	CCI 22 Segmented HP	1050	320	0.123	055				-39	
22 LR	40	2.6	SGB Flat Tip	CCI 22 SGB	1235	376	0.124	043				-25	
22 LR	40	2.6	Velocitor HP	CCI 22 Velocitor	1435	437	0.124	034				-28	
22 LR	40	2.6	Mini-Mag HV RN	CCI 22 Mini-Mag HV	1235	376	0.128	043				-24	
22 LR	40	2.6	RN	CCI 22 Standard Vel.	1070	326	0.122	053				-40	
22 LR	40	2.6	RN	CCI 22 Green Tag	1070	326	0.122	053				-40	
22 LR	40	2.6	RN	CCI 22 Match Pistol	1070	326	0.122	053				-40	
22 LR	40	2.6	RN	CCI 22 Select	1200	366	0.113	046				-26	
22 LR	40	2.6	RN	Fed Champion Target	1200	366	0.135	044				-23	
22 LR	40	2.6	RN	Fed Gold Medal	1200	366	0.135	044				-23	
22 LR	40	2.6	RN	Fed Gold Medal	1080	329	0.093	059				-52	
22 LR	40	2.6	RN	Fed Gold Medal	1080	329	0.093	059				-52	
22 LR	40	2.6	RN	Fed Champion Target	1240	378	0.136	042				-23	
22 LR	40	2.6	RN	Fed Game Shock	1240	378	0.136	042				-23	
22 LR	40	2.6	RN	Fed Gold Medal	1080	329	0.138	051				-34	
22 LR	40	2.6	RN	Fed Game Shock	1240	378	0.136	042				-23	
22 LR	40	2.6	RN	Fed American Eagle HP	1240	378	0.136	042				-23	
22 LR	40	2.6	RN	Wolf Match Targe	1050	320	0.095	059				-52	
22 LR	40	2.6	RN	Wolf Match Extra	1050	320	0.095	059				-52	
22 LR	40	2.6	RN	Wolf SK Standard Plus	1050	320	0.095	059				-52	
22 LR	40	2.6	RN	Wolf SK Match	1033	315	0.094	061				-53	
22 LR	40	2.6	RN	Wolf SK Rifle Match	1050	320</							



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								50 U	100 U	200 U	200 Y	500 Y
223 Rem	55	3.6	AccuTip-V	Rem Premier AT-V	3240	988	0.255		149	249		-0.9
223 Rem	55	3.6	Core-Lokt	Remington CL	3240	988	0.197		162	262		-1.6
223 Rem	55	3.6	Core-Lokt	Remington CL	3240	988	0.209		159	259		-1.4
223 Rem	55	3.6	Metal Case	Remington CL	3240	988	0.202		161	261		-1.5
223 Rem	55	3.6	Metal Case	Remington UMC	3240	988	0.202		161	261		-1.5
223 Rem	55	3.6	GAMEHEAD	Sako Ammo	3330	1015	0.205		156	256		-1.3
223 Rem	56	3.6	TMS	RWS Ammo	3248	990	0.207		159	259		-1.4
223 Rem	60	3.9	Soft Point	Black Hills (disc)	3100	945	0.264		154	254		-1.0
223 Rem	60	3.9	TAP-FPD	Hornady TAP/FPD	3115	949	0.264		153	253		-1.0
223 Rem	62	4.0	Barnes TSX	Black Hills (disc)	3100	945	0.287		151	251		-0.8
223 Rem	62	4.0	Core-Lokt	Rem Premier CL	3100	945	0.234		160	260		-1.2
223 Rem	62	4.0	Match	Rem Premier Match	3025	922	0.205		172			-1.7
223 Rem	62	4.0	Closed Tip Flat Base	Remington UMC	3100	945	0.261		155	255		-1.0
223 Rem	69	4.5	Custom Comp	Nosler Match (disc)	2900	884	0.305		159	259		-1.0
223 Rem	69	4.5	MatchKing BT HP	Rem Premier Match	3000	914	0.336		150	250		-0.7
223 Rem	75	4.9	Ballistic TipHP Match	Hornady Match	2790	850	0.395		156	256		-0.7
223 Rem	75	4.9	TAP-FPD	Hornady TAP/FPD	2790	850	0.395		156	256		-0.7
223 Rem	77	5.0	Custom Comp	Nosler Match (disc)	2600	792	0.340		173			-1.1
223 Rem	77	5.0	MatchKing BT HP	Rem Premier Match	2788	850	0.362		158	258		-0.8
223 Rem	36	2.3	Barnes Varmint Grenade	Black Hills New	3750	1143	0.149		160	260		-1.9
223 Rem	36	2.3	Barnes Varmint Grenade	Black Hills Remfg	3750	1143	0.149		160	260		-1.9
223 Rem	40	2.6	Hornady V-Max	Black Hills New	3600	1097	0.221		142	242		-0.9
223 Rem	40	2.6	Hornady V-Max	Black Hills Remfg	3600	1097	0.221		142	242		-0.9
223 Rem	40	2.6	Nosler Ballistic Tip	Federal Premium	3700	1128	0.22		139	239		-0.8
223 Rem	43	2.8	Speer TNT Green	Federal Premium	3600	1097	0.151		166			-2.1
223 Rem	50	3.2	Hornady V-Max	Black Hills New	3300	1006	0.242		149	249		-1.0
223 Rem	50	3.2	Hornady V-Max	Black Hills Remfg	3300	1006	0.242		149	249		-1.0
223 Rem	50	3.2	Jacketed HP	Fed American Eagle	3325	1013	0.204		156	256		-1.3
223 Rem	50	3.2	Ballistic Silvertip	Win. Supreme	3410	1039	0.238		146	246		-0.9
223 Rem	52	3.4	Match HP	Black Hills New	3250	991	0.229		154	254		-1.1
223 Rem	52	3.4	Match HP	Black Hills Remfg	3250	991	0.229		154	254		-1.1
223 Rem	53	3.4	Hollow Point	Win. Super-X	3330	1015	0.223		151	251		-1.1
223 Rem	55	3.6	Barnes MPG	Black Hills New	3200	975	0.225		157	257		-1.2
223 Rem	55	3.6	Barnes TSX	Black Hills New	3200	975	0.209		161	261		-1.4
223 Rem	55	3.6	Full Metal Jacket	Black Hills New	3200	975	0.243		153	253		-1.1
223 Rem	55	3.6	Soft Point	Black Hills New	3200	975	0.235		155	255		-1.1
223 Rem	55	3.6	Soft Point	Black Hills Remfg	3200	975	0.235		155	255		-1.1
223 Rem	55	3.6	FMJ BT	Fed American Eagle	3240	988	0.265		148	248		-0.9
223 Rem	55	3.6	Barnes TSX	Federal Premium	3200	975	0.214		159	259		-1.4
223 Rem	55	3.6	FMJ Ballistic Tip	Federal Premium	3240	988	0.265		148	248		-0.9
223 Rem	55	3.6	Nosler Ballistic Tip	Federal Premium	3240	988	0.265		148	248		-0.9
223 Rem	55	3.6	Sierra GK BT HP	Federal Premium	3240	988	0.251		150	250		-1.0
223 Rem	55	3.6	Soft Point	Federal Premium	3240	988	0.221		156	256		-1.2
223 Rem	55	3.6	FMJ	Lapua Hunting	3130	954	0.245		156	256		-1.1
223 Rem	55	3.6	FMJ	Sellor & Bellot	3301	1006	0.245		149	249		-0.9
223 Rem	55	3.6	SP	Sellor & Bellot	3301	1006	0.245		149	249		-0.9
223 Rem	55	3.6	Pointed Soft Point	Win. Super-X	3240	988	0.197		162	262		-1.6
223 Rem	55	3.6	Ballistic Silvertip	Win. Supreme	3240	988	0.267		148	248		-0.9
223 Rem	60	3.9	Hornady V-Max	Black Hills New	3100	945	0.265		154	254		-1.0
223 Rem	60	3.9	Hornady V-Max	Black Hills Remfg	3100	945	0.265		154	254		-1.0
223 Rem	60	3.9	Nosler Partition	Federal Premium	3160	963	0.228		158	258		-1.2
223 Rem	62	4.0	FMJ BT	Fed American Eagle	3020	920	0.303		153	253		-0.8
223 Rem	62	4.0	Fusion SP	Fusion Ammo	3000	914	0.309		153	253		-0.8
223 Rem	64	4.2	Soft Point	Federal Premium	3050	930	0.254		158	258		-1.1
223 Rem	64	4.2	Power-Point	Win. Super-X	3020	920	0.257		159	259		-1.1
223 Rem	68	4.4	Match HP	Black Hills New	2850	869	0.355		156	256		-0.7
223 Rem	68	4.4	Match HP	Black Hills Remfg	2850	869	0.355		156	256		-0.7
223 Rem	69	4.5	Sierra MK BT HP	Black Hills New	2850	869	0.301		161	261		-1.0
223 Rem	69	4.5	Sierra MK BT HP	Black Hills Remfg	2850	869	0.301		161	261		-1.0
223 Rem	69	4.5	Sierra MK BT HP	Federal Premium	2950	899	0.298		156	256		-0.9
223 Rem	69	4.5	Scenar	Lapua Sport	3030	924	0.322		150	250		-0.7
223 Rem	75	4.9	Match HP	Black Hills New	2750	838	0.395		158	258		-0.7

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								50 U	100 U	200 U	200 Y	500 Y
223 Rem	75	4.9	Match HP	Black Hills Remfg	2750	838	0.395		158	258		-0.7
223 Rem	77	5.0	Sierra MK BT HP	Black Hills New	2750	838	0.361		160	260		-0.8
223 Rem	77	5.0	Sierra MK BT HP	Black Hills Remfg	2750	838	0.361		160	260		-0.8
223 Rem	77	5.0	Sierra MK BT HP	Federal Premium	2720	829	0.368		161	261		-0.8
223 WSSM	55	3.6	Pointed Soft Point	Win. Super-X	3850	1173	0.233		134	234		-0.7
223 WSSM	55	3.6	Ballistic Silvertip	Win. Supreme	3850	1173	0.276		129	229		-0.5
223 WSSM	64	4.2	Power-Point	Win. Super-X	3600	1097	0.233		140	240		-0.8
225 Winchester	55	3.6	Pointed Soft Point	Win. Super-X	3570	1088	0.208		146	246		-1.0
5.6x50 R Mag	50	3.2	TMS	RWS Ammo	3510	1070	0.186		154	254		-1.4
5.6x50 R Mag	50	3.2	FMJ	Sellor & Bellot	3445	1050	0.23		146	246		-0.9
5.6x50 R Mag	50	3.2	SP	Sellor & Bellot	3445	1050	0.168		164			-1.8
5.6x50 R Mag	56	3.6	TMS	RWS Ammo	3281	1000	0.207		157	257		-1.3
5.6x50 R Mag	63	4.1	TMS	RWS Ammo	3018	920	0.24		162	262		-1.3
5.6x50 R Mag	63	4.1	TMS	RWS Ammo	2953	900	0.24		166			-1.3
5.6x52 R	70	4.5	FMJ	Sellor & Bellot	2861	872	0.251		169			-1.3
5.6x52 R	70	4.5	SP	Sellor & Bellot	2861	872	0.251		169			-1.3
5.6x52 R	71	4.6	Soft point	Norma Hunting	2789	850	0.268		170			-1.3
5.6x52 R	71	4.6	TMS	RWS Ammo	2854	870	0.248		170			-1.4
5.6x57	74	4.8	KS	RWS Ammo	3412	1040	0.26		143	243		-0.8
240 Wby.	85	5.5	Barnes TSX	Weatherby	3500	1067	0.382		132	232		-0.4
240 Wby.	87	5.6	SP	Weatherby	3523	1074	0.327		134	234		-0.5
240 Wby.	95	6.2	BST	Weatherby	3420	1042	0.379		134	234		-0.4
240 Wby.	100	6.5	Partition	Nosler Custom	3125	952	0.381		143	243		-0.5
240 Wby.	100	6.5	SP	Weatherby	3406	1038	0.381		134	234		-0.4
240 Wby.	100	6.5	Partition	Weatherby	3406	1038	0.384		134	234		-0.4
243 Win	55	3.6	Nosler Ballistic Tip	Black Hills (disc)	3800	1158	0.276		132	232		-0.6
243 Win	55	3.6	Nosler Ballistic Tip	Federal Premium	3850	1173	0.276		129	229		-0.5
243 Win	55	3.6	Ballistic Silvertip	Win. Supreme	3910	1192	0.276		128	228		-0.5
243 Win	58	3.8	Hornady V-Max	Black Hills (disc)	3800	1158	0.25		133	233		-0.6
243 Win	58	3.8	V-MAXw/Moly	Hornady Varmint	3750	1143	0.25		134	234		-0.6
243 Win	62	4.0	Barnes Varmint Grenade	Black Hills Gold	3700	1128	0.199		143	243		-1.0
243 Win	70	4.5	Nosler Ballistic Tip	Federal Premium	3450	1052	0.304		137	237		-0.6
243 Win	75	4.9	HP	Hornady Custom	3340	1018	0.294		141	241		-0.7
243 Win	75	4.9	AccuTip-V	Rem Premier AT-V	3375	1029	0.33		137	237		-0.5
243 Win	80	5.2	Soft Point	Federal Premium	3330	1015	0.361		137	237		-0.5
243 Win	80	5.2	GMX	Hornady Superformance	3425	1044	0.3		138	238		-0.6
243 Win	80	5.2	Full Metal Jacket	Norma Hunting	3117	950	0.262		154	254		-1.0
243 Win	80	5.2	Copper Solid-Tipped	Rem Premier CS	3350	1021	0.299		141	241		-0.6
243 Win	80	5.2	Core-Lokt	Remington CL	3350	1021	0.255		145	245		-0.8
243 Win	80	5.2	Core-Lokt	Remington CL	3350	1021	0.255		145	245		-0.8
243 Win	80	5.2	Pointed Soft Point	Win. Super-X	3350	1021	0.255		145	245		-0.8
243 Win	85	5.5	Barnes TSX	Black Hills Gold	3200	975	0.333		143	243		-0.6
243 Win	85	5.5	Barnes TSX	Federal Premium	3200	975	0.327		143	243		-0.6
243 Win	85	5.5	Sierra GK BT HP	Federal Premium	3300	1006	0.312		141	241		-0.6
243 Win	85	5.5	InterBond	Hornady LM (disc)	3175	968	0.395		141	241		-0.5
243 Win	90	5.8	Swift-Scirocco	Rem Premier Scir	3120	951	0.39		142	242		-0.5
243 Win	90	5.8	SPEEDHEAD	Sako Ammo	2854	870	0.339		157	257		-0.8
243 Win	90	5.8	GAMEHEAD	Sako Ammo	3133	955	0.342		145	245		-0.6
243 Win	95	6.2	Hornady SST	Black Hills Gold	2950	899	0.355		151	251		-0.7
243 Win	95	6.2	Nosler Ballistic Tip	Federal Premium	3025	922	0.372		147	247		-0.6
243 Win	95	6.2	Fusion SP	Fusion Ammo	2980	908	0.375		148	248		-0.6
243 Win	95	6.2	SST InterLock	Hornady Custom	2950							

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at			Number Change/K Ft	
								50 U	100 U	200 U	200 Y	500 Y
243 Win	100	6.5	Core-Lokt	Rem Premier CL	2960	902	0.373		149	249		-0.6
243 Win	100	6.5	Core-Lokt	Remington CL	2960	902	0.356		151	251		-0.7
243 Win	100	6.5	GAMEHEAD	Sako Ammo	2969	905	0.37		149	249		-0.6
243 Win	100	6.5	TWINHEAD	Sako Ammo	3068	935	0.383		144	244		-0.5
243 Win	100	6.5	Power-Point	Win. Super-X	2960	902	0.356		151	251		-0.7
243 Win	85	5.5	Partition	Nosler Trophy	3225	983	0.318		143	243		-0.6
243 Win	90	5.8	ET	Nosler Custom	3200	975	0.407		139	239		-0.4
243 Win	100	6.5	SP	Sellor & Bellot	2904	885	0.228		172			-1.6
243 Win.	90	5.8	FMJ	Lapua Hunting	2905	885	0.376		152	252		-0.6
243 Win.	90	5.8	Naturalis	Lapua Hunting	2985	910	0.231		166			-1.4
243 Win.	96	6.2	KS	RWS Ammo	3133	955	0.294		149	249		-0.8
243 Win.	100	6.5	SP	Lapua Hunting	2985	910	0.288		156	256		-0.9
243 Win.	100	6.5	TMS	RWS Ammo	3068	935	0.371		145	245		-0.6
243 WSSM	55	3.6	Ballistic Silvertip	Win. Supreme	4060	1237	0.276		125	225		-0.4
243 WSSM	95	6.2	XP3	Win. Supreme	3150	960	0.411		140	240		-0.5
243 WSSM	95	6.2	Ballistic Silvertip	Win. Supreme	3150	960	0.401		141	241		-0.5
243 WSSM	100	6.5	Power-Point	Win. Super-X	3110	948	0.356		145	245		-0.6
6mm BR Norma	90	5.8	Scenar	Lapua Sport	2950	899	0.419		147	247		-0.5
6mm BR Norma	90	5.8	Scenar	Lapua Sport	3050	930	0.417		143	243		-0.5
6mm BR Norma	105	6.8	Scenar	Lapua Sport	2790	850	0.521		150	250		-0.4
6mm BR Norma	105	6.8	Scenar	Lapua Sport	2790	850	0.521		150	250		-0.4
6mm BR Norma	105	6.8	Moly Coated HP	Norma Target DL	2789	850	0.517		150	250		-0.5
6mm Rem	80	5.2	Soft Point	Federal Premium	3400	1036	0.368		135	235		-0.4
6mm Rem	85	5.5	Barnes TSX	Federal Premium	3350	1021	0.327		138	238		-0.5
6mm Rem	95	6.2	SST	Hornady Superformance	3235	986	0.355		140	240		-0.5
6mm Rem	100	6.5	Nosler Partition	Federal Premium	3100	945	0.386		143	243		-0.5
6mm Rem	100	6.5	Soft Point	Federal Premium	3100	945	0.356		145	245		-0.6
6mm Rem	100	6.5	Ballistic TipSP InterLock	Hornady Custom	3100	945	0.405		142	242		-0.5
6mm Rem	100	6.5	Core-Lokt	Remington CL	3100	945	0.356		145	245		-0.6
6mm Rem	100	6.5	Power-Point	Win. Super-X	3100	945	0.356		145	245		-0.6
6x70R	90	5.8	Nosler BST	Norma Hunting	2428	740	0.365		181			-1.1
6XC	95	6.2	Nosler BST	Norma Hunting	2953	900	0.379		149	249		-0.6
6XC	100	6.5	Oryx	Norma Hunting	2953	900	0.257		163	263		-1.2
6XC	105	6.8	Berger DL Ballistic Tip	Norma Target	3018	920	0.517		141	241		-0.4
.257 Wby.	80	5.2	Barnes TTSX	Weatherby	3870	1180	0.378		124	224		-0.3
.257 Wby.	87	5.6	SP	Weatherby	3825	1166	0.322		127	227		-0.4
.257 Wby.	100	6.5	Ballistic Tip	Nosler Custom	3500	1067	0.392		131	231		-0.4
.257 Wby.	100	6.5	Spitzer	Weatherby	3500	1067	0.256		140	240		-0.7
.257 Wby.	100	6.5	SP	Weatherby	3602	1098	0.357		130	230		-0.4
.257 Wby.	100	6.5	Barnes TSX	Weatherby	3570	1088	0.42		129	229		-0.3
.257 Wby.	110	7.1	AccuBond	Nosler Custom	3400	1036	0.417		133	233		-0.4
.257 Wby.	110	7.1	AccuBond	Nosler Trophy	3400	1036	0.422		133	233		-0.4
.257 Wby.	110	7.1	Accubond	Weatherby	3460	1055	0.418		131	231		-0.3
.257 Wby.	115	7.5	Ballistic Tip	Nosler Custom	3250	991	0.45		136	236		-0.4
.257 Wby.	115	7.5	Partition	Nosler Custom	3250	991	0.387		138	238		-0.5
.257 Wby.	115	7.5	BST	Weatherby	3400	1036	0.453		132	232		-0.3
.257 Wby.	117	7.6	Rn-Ex	Weatherby	3402	1037	0.243		145	245		-0.9
.257 Wby.	120	7.8	Partition	Nosler Custom	3135	956	0.389		142	242		-0.5
.257 Wby.	120	7.8	Partition	Weatherby	3305	1007	0.391		136	236		-0.4
25 WSSM	85	5.5	Ballistic Silvertip	Win. Supreme	3470	1058	0.333		135	235		-0.5
25 WSSM	110	7.1	AccuBond CT	Win. Supreme	3100	945	0.42		142	242		-0.5
25 WSSM	115	7.5	Ballistic Silvertip	Win. Supreme	3060	933	0.446		142	242		-0.4
25 WSSM	120	7.8	Positive Exp. Point	Win. Super-X	2990	911	0.344		150	250		-0.7
250 Savage	100	6.5	Core-Lokt	Remington CL	2820	860	0.285		165			-1.1
250 Savage	100	6.5	Silvertip	Win. Super-X	2820	860	0.254		171			-1.4
25-06 Rem	85	5.5	Nosler Ballistic Tip	Federal Premium	3550	1082	0.332		133	233		-0.4
25-06 Rem	85	5.5	Ballistic Silvertip	Win. Supreme	3470	1058	0.333		135	235		-0.5
25-06 Rem	90	5.8	Positive Exp. Point	Win. Super-X	3440	1049	0.259		142	242		-0.8
25-06 Rem	100	6.5	Nosler Ballistic Tip	Black Hills (disc)	3200	975	0.393		140	240		-0.5
25-06 Rem	100	6.5	Barnes TSX	Black Hills Gold	3200	975	0.42		138	238		-0.4
25-06 Rem	100	6.5	Barnes TSX	Federal Premium	3210	978	0.412		138	238		-0.4
25-06 Rem	100	6.5	Nosler Ballistic Tip	Federal Premium	3220	981	0.396		139	239		-0.5

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at			Number Change/K Ft	
								50 U	100 U	200 U	200 Y	500 Y
25-06 Rem	100	6.5	Core-Lokt	Remington CL	3230	985	0.292		145	245		-0.7
25-06 Rem	110	7.1	AccuBond CT	Win. Supreme	3100	945	0.42		142	242		-0.5
25-06 Rem	115	7.5	Nosler Partition	Federal Premium	3030	924	0.396		145	245		-0.5
25-06 Rem	115	7.5	Ballistic Tip	Nosler Ammo (disc)	3025	922	0.453		144	244		-0.5
25-06 Rem	115	7.5	Core-Lokt	Win. Premier CL	3000	914	0.38		147	247		-0.6
25-06 Rem	115	7.5	Ballistic Silvertip	Win. Supreme	3060	933	0.446		142	242		-0.4
25-06 Rem	117	7.6	Hornady SST	Black Hills (disc)	3150	960	0.39		141	241		-0.5
25-06 Rem	117	7.6	Sierra GK BT HP	Federal Premium	3030	924	0.414		144	244		-0.5
25-06 Rem	117	7.6	Soft Point	Federal Premium	3030	924	0.365		147	247		-0.6
25-06 Rem	117	7.6	SST InterLock	Hornady Custom	2990	911	0.389		147	247		-0.6
25-06 Rem	117	7.6	Ballistic TipSP InterLock	Hornady Custom	2990	911	0.391		147	247		-0.6
25-06 Rem	117	7.6	SST	Hornady Superformance	3110	948	0.39		143	243		-0.5
25-06 Rem	117	7.6	GAMEHEAD	Sako Ammo	2986	910	0.386		147	247		-0.6
25-06 Rem	120	7.8	Fusion SP	Fusion Ammo	2980	908	0.467		144	244		-0.4
25-06 Rem	120	7.8	Partition	Nosler Ammo (disc)	3100	945	0.391		144	244		-0.6
25-06 Rem	120	7.8	Core-Lokt	Remington CL	2990	911	0.362		149	249		-0.6
25-06 Rem	120	7.8	Positive Exp. Point	Win. Super-X	2990	911	0.344		150	250		-0.7
25-06 Rem	100	6.5	Partition	Nosler Trophy	3300	1006	0.381		137	237		-0.4
25-20 Win	86	5.6	Core-Lokt	Remington CL	1460	445	0.19	028				-.20
25-20 Win	86	5.6	Soft Point	Win. Super-X	1460	445	0.191	028				-.20
25-35 Win	117	7.6	Soft Point	Win. Super-X	2230	680	0.213	008				-.13
257 Roberts	117	7.6	Core-Lokt	Remington CL	2650	808	0.24		187			-1.8
257 Roberts	120	7.8	Nosler Partition	Federal Premium	2800	853	0.392		155	255		-0.7
257 Roberts (+P)	100	6.5	Ballistic Tip	Nosler Custom	3000	914	0.392		147	247		-0.6
257 Roberts (+P)	100	6.5	Partition	Nosler Custom	3000	914	0.376		147	247		-0.6
257 Roberts (+P)	110	7.1	AccuBond	Nosler Custom	3000	914	0.416		145	245		-0.5
257 Roberts (+P)	110	7.1	AccuBond	Nosler Trophy	3000	914	0.422		145	245		-0.5
257 Roberts (+P)	115	7.5	Ballistic Tip	Nosler Custom	2800	853	0.45		152	252		-0.5
257 Roberts (+P)	117	7.6	Ballistic TipSP InterLock	Hornady Custom	2780	847	0.391		156	256		-0.7
257 Roberts (+P)	117	7.6	SST	Hornady Superformance	2946	898	0.39		149	249		-0.6
257 Roberts (+P)	117	7.6	Power-Point	Win. Super-X	2780	847	0.24		177			-1.6
260 Rem	120	7.8	Barnes TSX	Federal Premium	2930	893	0.387		150	250		-0.6
260 Rem	120	7.8	Nosler Ballistic Tip	Federal Premium	2950	899	0.425		147	247		-0.5
260 Rem	120	7.8	Fusion SP	Fusion Ammo	2950	899	0.389		149	249		-0.6
260 Rem	120	7.8	Ballistic Tip	Nosler Ammo (disc)	2950	899	0.458		146	246		-0.5
260 Rem	120	7.8	AccuTip	Rem Premier AT	2890	881	0.48		147	247		-0.5
260 Rem	139	9.0	Lapua Scenar	Black Hills (disc)	2750	838	0.615		149	249		-0.4
260 Rem	140	9.1	Sierra GK BT HP	Federal Premium	2700	823	0.42		159	259		-0.7
260 Rem	140	9.1	Core-Lokt PSP	Rem Managed Recoil	2360	719	0.435		180			-0.9
260 Rem	140	9.1	Core-Lokt	Rem Premier CL	2750	838	0.457		154	254		-0.6
260 Rem	140	9.1	Core-Lokt	Remington CL	2750	838	0.435		155	255		-0.6
260 Rem	100	6.5	Ballistic Tip	Nosler Custom	3200	975	0.348		142	242		-0.6
260 Rem	100	6.5	Partition	Nosler Custom	3200	975	0.324		144	244		-0.6
260 Rem	125	8.1	Partition	Nosler Custom	2950	899	0.446		146	246		-0.5
260 Rem	125	8.1	Partition	Nosler Trophy	2950	899	0.455		146	246		-0.5
260 Rem	130	8.4	AccuBond	Nosler Custom	2800	853	0.485		151	251		-0.5
260 Rem	140	9.1	Partition	Nosler Custom	2725	831	0.487		154	254		-0.5
264 Win Mag	100	6.5	Ballistic Tip	Nosler Custom	3400	1036	0.348		136	236		-0.5
264 Win Mag	100	6.5	Partition	Nosler Custom	3400	1036	0.324		137	237		-0.5
264 Win Mag	120	7.8	Ballistic Tip	Nosler Custom	3250	991	0.456		136	236		-0.4
264 Win Mag	125	8.1	Partition	Nosler Custom	3200	975	0.447		137	237		-0.4
264 Win Mag	130											

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at			Number Change/K Ft	
								50 U	100 U	200 U	200 Y	500 Y
6.5 Rem Mag	125	8.1	Partition	Nosler Custom	3025	922	0.447		143	243		-0.5
6.5-284	120	7.8	Nosler BST	Norma Hunting	3117	950	0.43		141	241		-0.4
6.5-284	120	7.8	Ballistic Tip	Nosler Custom	3000	914	0.455		144	244		-0.4
6.5-284	125	8.1	Partition	Nosler Custom	3000	914	0.447		144	244		-0.5
6.5-284	130	8.4	AccuBond	Nosler Custom	2900	884	0.486		146	246		-0.4
6.5-284	130	8.4	AccuBond	Nosler Trophy	2900	884	0.507		146	246		-0.4
6.5-284	130	8.4	Ballistic Tip	Nosler Trophy	3000	914	0.472		143	243		-0.4
6.5-284	140	9.1	Nosler Partition	Norma Hunting	2953	900	0.465		145	245		-0.5
6.5-284	142	9.2	Sierra MK BT HP	Black Hills Gold	2743	836	0.58		150	250		-0.4
6.5x47 Lapua	100	6.5	Scenar	Lapua Sport	2790	850	0.438		153	253		-0.6
6.5x47 Lapua	108	7.0	Scenar	Lapua Sport	2950	899	0.479		145	245		-0.4
6.5x47 Lapua	123	8.0	Scenar	Lapua Sport	2790	850	0.537		149	249		-0.4
6.5x47 Lapua	139	9.0	Scenar	Lapua Sport	2690	820	0.609		152	252		-0.4
6.5x52 R	117	7.6	SP	Sellor & Bellot	2208	673	0.207	008				-13
6.5x54 Mann.Sch.	159	10.3	TMR	RWS Ammo	2198	670	0.315	007				-08
6.5x55 S	93	6.0	Sierra MK BT HP	Federal Premium	2625	800	0.314		173			-1.1
6.5x55 S	100	6.5	FMJ	Lapua Sport	2723	830	0.223		187			-1.9
6.5x55 S	100	6.5	Scenar	Lapua Sport	2620	799	0.448		162	262		-0.7
6.5x55 S	100	6.5	Hollow point	Norma JaktMatch	2625	800	0.321		172			-1.1
6.5x55 S	100	6.5	Hollow Point B	Norma Target (Rekrutt)	2625	800	0.345		169			-1.0
6.5x55 S	108	7.0	Scenar	Lapua Sport	2950	899	0.479		145	245		-0.4
6.5x55 S	108	7.0	Scenar	Lapua Sport	3015	919	0.478		142	242		-0.4
6.5x55 S	120	7.8	Nosler BST	Norma Hunting	2822	860	0.43		152	252		-0.6
6.5x55 S	120	7.8	Full Metal Jacket	Norma JaktMatch	2690	820	0.428		159	259		-0.7
6.5x55 S	123	8.0	Sierra MK BT HP	Federal Premium	2750	838	0.498		153	253		-0.5
6.5x55 S	123	8.0	Scenar	Lapua Sport	2720	829	0.548		152	252		-0.4
6.5x55 S	123	8.0	Scenar	Lapua Sport	2920	890	0.545		144	244		-0.4
6.5x55 S	123	8.0	Scenar	Lapua Sport	2720	829	0.548		152	252		-0.4
6.5x55 S	126	8.2	KS	RWS Ammo	2904	885	0.361		153	253		-0.7
6.5x55 S	130	8.4	Hollow point	Norma Target (Gold)	2723	830	0.548		152	252		-0.4
6.5x55 S	130	8.4	Moly Coated HP	Norma Target (DL Fält)	2986	910	0.548		141	241		-0.4
6.5x55 S	130	8.4	Moly Coated HP	Norma Target (DL Bana)	2723	830	0.548		152	252		-0.4
6.5x55 S	130	8.4	Moly Coated HP Ballistic Tip	Norma Target (DL Bana)	2788	850	0.548		149	249		-0.4
6.5x55 S	130	8.4	AccuBond	Nosler Trophy	2650	808	0.512		157	257		-0.5
6.5x55 S	131	8.5	SP	Sellor & Bellot	2602	793	0.324		174			-1.1
6.5x55 S	139	9.0	Scenar	Lapua Sport	2620	799	0.615		155	255		-0.4
6.5x55 S	139	9.0	Scenar	Lapua Sport	2740	835	0.609		150	250		-0.4
6.5x55 S	139	9.0	RACEHEAD	Sako Ammo	2789	850	0.644		147	247		-0.3
6.5x55 S	140	9.1	Soft Point	Federal Premium	2650	808	0.437		160	260		-0.7
6.5x55 S	140	9.1	Fusion SP	Fusion Ammo	2530	771	0.44		168			-0.7
6.5x55 S	140	9.1	SP InterLock	Hornady Custom	2525	770	0.465		166			-0.7
6.5x55 S	140	9.1	Naturalis	Lapua Hunting	2625	800	0.323		172			-1.1
6.5x55 S	140	9.1	Nosler Partition	Norma Hunting	2690	820	0.467		157	257		-0.6
6.5x55 S	140	9.1	Core-Lokt	Remington CL	2550	777	0.435		167			-0.7
6.5x55 S	140	9.1	DK	RWS Ammo	2854	870	0.305		161	261		-1.0
6.5x55 S	140	9.1	SP	Sellor & Bellot	2671	814	0.322		169			-1.0
6.5x55 S	140	9.1	FMJ	Sellor & Bellot	2582	787	0.448		164			-0.7
6.5x55 S	140	9.1	Soft Point	Win. Super-X	2550	777	0.45		166			-0.7
6.5x55 S	155	10.1	Mega	Lapua Hunting	2560	780	0.375		171			-0.9
6.5x55 S	156	10.1	Vulkan	Norma Hunting	2560	780	0.354		173			-1.0
6.5x55 S	156	10.1	Oryx	Norma Hunting	2559	780	0.348		174			-1.0
6.5x55 S	156	10.1	Alaska	Norma Hunting	2559	780	0.276		185			-1.5
6.5x55 S	156	10.1	GAMEHEAD	Sako Ammo	2625	800	0.36		168			-0.9
6.5x57	93	6.0	TMS	RWS Ammo	3314	1010	0.255		147	247		-0.9
6.5x57	108	7.0	KS	RWS Ammo	3100	945	0.308		149	249		-0.8
6.5x57	126	8.2	KS	RWS Ammo	2854	870	0.361		155	255		-0.7
6.5x57	140	9.1	DK	RWS Ammo	2543	775	0.305		181			-1.3
6.5x57	131	8.5	SP	Sellor & Bellot	2543	775	0.336		176			-1.1
6.5x57 R	93	6.0	TMS	RWS Ammo	3232	985	0.255		150	250		-0.9
6.5x57 R	108	7.0	KS	RWS Ammo	2854	870	0.308		160	260		-0.9
6.5x57 R	126	8.2	KS	RWS Ammo	2739	835	0.361		161	261		-0.8

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at			Number Change/K Ft	
								50 U	100 U	200 U	200 Y	500 Y
6.5x57 R	131	8.5	SP	Sellor & Bellot	2543	775	0.336		176			-1.1
6.5x57 R	140	9.1	DK	RWS Ammo	2543	775	0.305		181			-1.3
6.5x65 R RWS	126	8.2	KS	RWS Ammo	2854	870	0.361		155	255		-0.7
6.5x65 RWS	126	8.2	KS	RWS Ammo	3051	930	0.361		146	246		-0.6
6.5x68	93	6.0	TMS	RWS Ammo	3773	1150	0.255		133	233		-0.6
6.5x68	126	8.2	KS	RWS Ammo	3150	960	0.361		143	243		-0.6
270 Wby.	100	6.5	SP	Weatherby	3760	1146	0.307		129	229		-0.4
270 Wby.	110	7.1	Barnes TTSX	Weatherby	3540	1079	0.377		131	231		-0.4
270 Wby.	130	8.4	Barnes TSX	Federal Premium	3200	975	0.429		138	238		-0.4
270 Wby.	130	8.4	Trophy Bonded Tip	Federal Premium	3200	975	0.429		138	238		-0.4
270 Wby.	130	8.4	Ballistic Tip	Nosler Ammo (disc)	3450	1052	0.433		132	232		-0.4
270 Wby.	130	8.4	Partition	Nosler Custom	3450	1052	0.413		132	232		-0.3
270 Wby.	130	8.4	SP	Weatherby	3375	1029	0.409		134	234		-0.4
270 Wby.	130	8.4	Barnes TSX	Weatherby	3400	1036	0.466		131	231		-0.3
270 Wby.	130	8.4	Partition	Weatherby	3375	1029	0.416		133	233		-0.4
270 Wby.	140	9.1	Ballistic Tip	Nosler Ammo (disc)	3300	1006	0.456		135	235		-0.4
270 Wby.	140	9.1	Accubond	Weatherby	3320	1012	0.496		133	233		-0.3
270 Wby.	140	9.1	BST	Weatherby	3300	1006	0.456		134	234		-0.3
270 Wby.	150	9.7	Partition	Nosler Custom	3159	963	0.472		138	238		-0.4
270 Wby.	150	9.7	SP	Weatherby	3245	989	0.462		135	235		-0.4
270 Wby.	150	9.7	Partition	Weatherby	3245	989	0.465		135	235		-0.4
270 Win	100	6.5	Core-Lokt	Remington CL	3320	1012	0.252		147	247		-0.9
270 Win	110	7.1	Barnes TTSX	Federal Premium	3400	1036	0.382		134	234		-0.4
270 Win	115	7.5	Core-Lokt PSP	Rem Managed Recoil	2710	826	0.295		170			-1.2
270 Win	130	8.4	Barnes TSX	Black Hills Gold	2950	899	0.431		147	247		-0.5
270 Win	130	8.4	Hornady SST	Black Hills Gold	2950	899	0.46		145	245		-0.5
270 Win	130	8.4	Barnes TSX	Federal Premium	3060	933	0.436		142	242		-0.5
270 Win	130	8.4	Nosler Ballistic Tip	Federal Premium	3060	933	0.436		142	242		-0.5
270 Win	130	8.4	Nosler Partition	Federal Premium	3060	933	0.416		143	243		-0.5
270 Win	130	8.4	Sierra GK BT HP	Federal Premium	3060	933	0.436		142	242		-0.5
270 Win	130	8.4	Soft Point	Federal Premium	3060	933	0.367		146	246		-0.6
270 Win	130	8.4	Trophy Bonded Tip	Federal Premium	3060	933	0.436		142	242		-0.5
270 Win	130	8.4	Trophy Bonded Tip	Federal Premium	3200	975	0.429		138	238		-0.4
270 Win	130	8.4	Fusion SP	Fusion Ammo	3050	930	0.399		144	244		-0.5
270 Win	130	8.4	SST	Hornady Custom	3060	933	0.46		141	241		-0.4
270 Win	130	8.4	SP InterLock	Hornady Custom	3060	933	0.409		143	243		-0.5
270 Win	130	8.4	GMX	Hornady Superformance	3190	972	0.46		137	237		-0.4
270 Win	130	8.4	SST	Hornady Superformance	3200	975	0.46		137	237		-0.4
270 Win	130	8.4	Soft point	Norma Hunting	3140	957	0.359		143	243		-0.6
270 Win	130	8.4	Full Metal Jacket B	Norma JaktMatch	2887	880	0.365		153	253		-0.7
270 Win	130	8.4	AccuTip	Rem Premier AT	3060	933	0.447		142	242		-0.4
270 Win	130	8.4	Copper Solid-Tipped	Rem Premier CS	3060	933	0.431		142	242		-0.5
270 Win	130	8.4	Swift-Scirocco	Rem Premier Scir	3060	933	0.433		142	242		-0.5
270 Win	130	8.4	Core-Lokt	Remington CL	3060	933	0.336		148	248		-0.7
270 Win	130	8.4	Core-Lokt	Remington CL	3060	933	0.372		145	245		-0.6
270 Win	130	8.4	PowerMax	Win. Super-X	3060	933	0.34		148	248		-0.7
270 Win	130	8.4	Power-Point	Win. Super-X	3060	933	0.372		145	245		-0.6
270 Win	130	8.4	Silvertip	Win. Super-X	3060	933	0.336		148	248		-0.7
270 Win	130	8.4	E-Tip	Win. Supreme	3050	930	0.461		142	242		-0.4
270 Win	130	8.4	XP3	Win. Supreme	3050	930	0.436		143	243		-0.5
270 Win	130	8.4	Ballistic Silvertip	Win. Supreme	3050	930	0.433		143	243		-0.5
270 Win	140	9.1	Nosler AccuBond	Federal Premium	2950	899						

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at			Number Change/K Ft	
								50 U	100 U	200 U	200 Y	500 Y
270 Win	150	9.7	Trophy Bonded Tip	Federal Premium	2830	863	0.48	150	250		-0.5	
270 Win	150	9.7	Fusion SP	Fusion Ammo	2850	869	0.47	149	249		-0.5	
270 Win	150	9.7	SP InterLock	Hornady Custom	2840	866	0.462	150	250		-0.5	
270 Win	150	9.7	Oryx	Norma Hunting	2854	870	0.373	154	254		-0.7	
270 Win	150	9.7	Core-Lokt	Remington CL	2850	869	0.261	168			-1.3	
270 Win	150	9.7	Power-Point	Win. Super-X	2850	869	0.344	157	257		-0.8	
270 Win	150	9.7	XP3	Win. Supreme	2950	899	0.503	144	244		-0.4	
270 Win	156	10.1	Vulkan	Norma Hunting	2854	870	0.34	157	257		-0.8	
270 Win	156	10.1	HAMMERHEAD	Sako Ammo	2756	840	0.31	165			-1.0	
270 Win	130	8.4	AccuBond	Nosler Custom	3000	914	0.432	145	245		-0.5	
270 Win	130	8.4	AccuBond	Nosler Trophy	3075	937	0.439	142	242		-0.4	
270 Win	150	9.7	SP	Sellor & Bellot	2625	800	0.364	167			-0.9	
270 Win.	130	8.4	HMK	RWS Ammo	3133	955	0.272	151	251		-0.9	
270 Win.	130	8.4	TMS	RWS Ammo	3166	965	0.325	145	245		-0.7	
270 Win.	150	9.7	KS	RWS Ammo	2936	895	0.345	152	252		-0.7	
270 WSM	110	7.1	Barnes TTSSX	Fed Vital-Shok (disc)	3500	1067	0.379	133	233		-0.4	
270 WSM	130	8.4	Soft Point	Federal Premium	3250	991	0.368	139	239		-0.5	
270 WSM	130	8.4	Barnes TSX	Federal Premium	3280	1000	0.437	135	235		-0.4	
270 WSM	130	8.4	Nosler Ballistic Tip	Federal Premium	3300	1006	0.439	135	235		-0.4	
270 WSM	130	8.4	Trophy Bonded Tip	Federal Premium	3280	1000	0.437	135	235		-0.4	
270 WSM	130	8.4	Nosler BST	Norma Hunting	3281	1000	0.433	135	235		-0.4	
270 WSM	130	8.4	Full Metal Jacket B	Norma JaktMatch	3150	960	0.365	143	243		-0.5	
270 WSM	130	8.4	Core-Lokt	Remington CL	3285	1001	0.336	140	240		-0.6	
270 WSM	130	8.4	PowerMax	Win. Super-X	3275	998	0.34	140	240		-0.5	
270 WSM	130	8.4	E-Tip	Win. Supreme	3275	998	0.461	135	235		-0.3	
270 WSM	130	8.4	XP3	Win. Supreme	3275	998	0.436	135	235		-0.4	
270 WSM	130	8.4	Ballistic Silvertip	Win. Supreme	3275	998	0.432	136	236		-0.4	
270 WSM	140	9.1	Nosler AccuBond	Black Hills Gold	3100	945	0.496	139	239		-0.4	
270 WSM	140	9.1	Nosler AccuBond	Federal Premium	3200	975	0.495	136	236		-0.3	
270 WSM	140	9.1	Barnes Triple-Shock	Norma Hunting	3150	960	0.497	137	237		-0.4	
270 WSM	140	9.1	AccuBond CT	Win. Supreme	3200	975	0.472	137	237		-0.4	
270 WSM	150	9.7	Nosler Partition	Federal Premium	3100	945	0.461	140	240		-0.4	
270 WSM	150	9.7	Trophy Bonded Tip	Federal Premium	3100	945	0.461	140	240		-0.4	
270 WSM	150	9.7	Fusion SP	Fusion Ammo	3060	933	0.498	140	240		-0.4	
270 WSM	150	9.7	Oryx	Norma Hunting	3117	950	0.373	143	243		-0.5	
270 WSM	150	9.7	KS	RWS Ammo	3133	955	0.345	144	244		-0.6	
270 WSM	150	9.7	Power-Point	Win. Super-X	3150	960	0.344	144	244		-0.6	
270 WSM	150	9.7	XP3	Win. Supreme	3120	951	0.503	138	238		-0.4	
270 WSM	150	9.7	Ballistic Silvertip	Win. Supreme	3120	951	0.496	138	238		-0.4	
270 WSM	156	10.1	Vulkan	Norma Hunting	3035	925	0.34	149	249		-0.7	
270 WSM	140	9.1	AccuBond	Nosler Custom	3100	945	0.495	139	239		-0.4	
270 WSM	140	9.1	AccuBond	Nosler Trophy	3100	945	0.5	139	239		-0.4	
270 WSM	150	9.7	Partition	Nosler Custom	3000	914	0.469	143	243		-0.4	
6.8mm Rem SPC	110	7.1	Ballistic TipHP (16in Bbl)	Hornady Match	2570	783	0.36	171			-1.0	
6.8mm Rem SPC	110	7.1	V-MAX (16in Bbl)	Hornady Varmint	2570	783	0.37	170			-0.9	
6.8mm Rem SPC	115	7.5	Core-Lokt	Rem Premier CL	2625	800	0.295	176			-1.3	
6.8mm Rem SPC	115	7.5	Match	Rem Premier Match	2625	800	0.344	169			-1.0	
6.8mm Rem SPC	115	7.5	MatchKing BT HP	Rem Premier Match	2625	800	0.333	171			-1.0	
6.8mm Rem SPC	115	7.5	Core-Lokt	Remington CL	2625	800	0.292	177			-1.3	
280 Ack Imp	140	9.1	AccuBond	Nosler Custom	3150	960	0.483	138	238		-0.4	
280 Ack Imp	140	9.1	AccuBond	Nosler Trophy	3150	960	0.49	138	238		-0.4	
280 Ack Imp	150	9.7	ET	Nosler Custom	2900	884	0.51	146	246		-0.4	
280 Ack Imp	160	10.4	Partition	Nosler Trophy	2950	899	0.481	145	245		-0.4	
280 Rem	139	9.0	GMX	Hornady Superformance	3070	936	0.486	140	240		-0.4	
280 Rem	139	9.0	SST	Hornady Superformance	3090	942	0.486	140	240		-0.4	
280 Rem	140	9.1	Barnes TSX	Federal Premium	2960	902	0.39	148	248		-0.6	
280 Rem	140	9.1	Nosler Ballistic Tip	Federal Premium	2990	911	0.473	143	243		-0.4	
280 Rem	140	9.1	Trophy Bonded Tip	Federal Premium	2950	899	0.425	147	247		-0.5	
280 Rem	140	9.1	Fusion SP	Fusion Ammo	2990	911	0.483	143	243		-0.4	
280 Rem	140	9.1	AccuBond	Nosler Ammo (disc)	2840	866	0.485	150	250		-0.5	
280 Rem	140	9.1	AccuTip	Rem Premier AT	3000	914	0.486	143	243		-0.4	
280 Rem	140	9.1	Core-Lokt	Remington CL	3000	914	0.39	147	247		-0.6	

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at			Number Change/K Ft	
								50 U	100 U	200 U	200 Y	500 Y
280 Rem	140	9.1	Ballistic Silvertip	Win. Supreme	3040	927	0.485	141	241		-0.4	
280 Rem	150	9.7	Nosler Partition	Federal Premium	2890	881	0.462	148	248		-0.5	
280 Rem	150	9.7	Soft Point	Federal Premium	2890	881	0.419	150	250		-0.6	
280 Rem	150	9.7	Core-Lokt	Remington CL	2890	881	0.346	154	254		-0.8	
280 Rem	156	10.1	Oryx	Norma Hunting	2789	850	0.33	161	261		-0.9	
280 Rem	160	10.4	Trophy Bonded Tip	Federal Premium	2800	853	0.534	149	249		-0.4	
280 Rem	165	10.7	Core-Lokt	Remington CL	2820	860	0.29	164			-1.1	
280 Rem	170	11.0	Plastic point	Norma Hunting	2707	825	0.373	162	262		-0.8	
280 Rem	170	11.0	Vulkan	Norma Hunting	2592	790	0.353	171			-1.0	
280 Rem	177	11.5	TIG	Brenneke Ammo	2690	820	0.352	165			-0.9	
280 Rem	160	10.4	Partition	Nosler Custom	2775	846	0.471	152	252		-0.5	
280 Rem.	162	10.5	ID Classic	RWS Ammo	2789	850	0.325	162	262		-0.9	
284 Winchester	150	9.7	Power-Point	Win. Super-X	2860	872	0.364	154	254		-0.7	
7-30 Waters	120	7.8	Sierra GK BT HP	Federal Premium	2700	823	0.216	190			-2.1	
7mm Rem Mag	110	7.1	Barnes TTSSX	Federal Premium	3500	1067	0.351	133	233		-0.4	
7mm Rem Mag	139	9.0	Ballistic TipSP InterLock	Hornady Custom	3150	960	0.453	139	239		-0.4	
7mm Rem Mag	139	9.0	GMX	Hornady Superformance	3190	972	0.486	136	236		-0.4	
7mm Rem Mag	139	9.0	InterBond HM w/Moly	Hornady HM (disc)	3250	991	0.486	135	235		-0.4	
7mm Rem Mag	139	9.0	SST	Hornady Superformance	3240	988	0.486	135	235		-0.3	
7mm Rem Mag	140	9.1	Nosler AccuBond	Black Hills (disc)	3150	960	0.485	138	238		-0.4	
7mm Rem Mag	140	9.1	Barnes TSX	Black Hills Gold	3150	960	0.394	141	241		-0.5	
7mm Rem Mag	140	9.1	Barnes TSX	Federal Premium	3120	951	0.387	142	242		-0.5	
7mm Rem Mag	140	9.1	Nosler AccuBond	Fed Vital-Shok (disc)	3110	948	0.488	140	240		-0.4	
7mm Rem Mag	140	9.1	Nosler Partition	Federal Premium	3150	960	0.425	140	240		-0.4	
7mm Rem Mag	140	9.1	Trophy Bonded Tip	Federal Premium	3150	960	0.425	140	240		-0.4	
7mm Rem Mag	140	9.1	Barnes Triple-Shock	Norma Hunting	3117	950	0.477	139	239		-0.4	
7mm Rem Mag	140	9.1	Nosler BST	Norma Hunting (disc)	3150	960	0.460	139	239		-0.4	
7mm Rem Mag	140	9.1	AccuBond	Nosler Custom	3150	960	0.483	138	238		-0.4	
7mm Rem Mag	140	9.1	AccuBond	Nosler Trophy	3200	975	0.49	136	236		-0.3	
7mm Rem Mag	140	9.1	Core-Lokt PSP	Rem Managed Recoil	2710	826	0.388	160	260		-0.7	
7mm Rem Mag	140	9.1	AccuTip	Rem Premier AT	3175	968	0.486	137	237		-0.4	
7mm Rem Mag	140	9.1	Copper Solid-Tipped	Rem Premier CS	3175	968	0.468	138	238		-0.4	
7mm Rem Mag	140	9.1	Core-Lokt	Rem Premier CL	3175	968	0.409	139	239		-0.5	
7mm Rem Mag	140	9.1	Core-Lokt	Remington CL	3175	968	0.39	140	240		-0.5	
7mm Rem Mag	140	9.1	E-Tip	Win. Supreme	3100	945	0.498	139	239		-0.4	
7mm Rem Mag	140	9.1	AccuBond CT	Win. Supreme	3180	969	0.46	137	237		-0.4	
7mm Rem Mag	140	9.1	Ballistic Silvertip	Win. Supreme	3110	948	0.46	140	240		-0.4	
7mm Rem Mag	145	9.4	TMS	RWS Ammo	3182	970	0.346	143	243		-0.6	
7mm Rem Mag	150	9.7	Nosler Ballistic Tip	Federal Premium	3025	922	0.489	142	242		-0.4	
7mm Rem Mag	150	9.7	Sierra GK BT HP	Federal Premium	3110	948	0.441	140	240		-0.4	
7mm Rem Mag	150	9.7	Soft Point	Federal Premium	3110	948	0.357	144	244		-0.6	
7mm Rem Mag	150	9.7	Fusion SP	Fusion Ammo	3050	930	0.508	140	240		-0.4	
7mm Rem Mag	150	9.7	Scirocco	Norma Hunting	3166	965	0.536	136	236		-0.3	
7mm Rem Mag	150	9.7	Full Metal Jacket B	Norma JaktMatch	2995	913	0.443	144	244		-0.5	
7mm Rem Mag	150	9.7	Partition	Nosler Custom	3100	945	0.454	140	240		-0.4	
7mm Rem Mag	150	9.7	AccuTip	Rem Premier AT	3110	948	0.53	138	238		-0.3	
7mm Rem Mag	150	9.7	Swift-Scirocco	Rem Premier Scir	3110	948	0.533	138	238		-0.3	
7mm Rem Mag	150	9.7	Core-Lokt	Remington CL	3110	948	0.346	145	245		-0.6	
7mm Rem Mag	150	9.7	ARROWHEAD	Sako Ammo	3035	925	0.517	141	241		-0.4	
7mm Rem Mag	150	9.7	Power-Point	Win. Super-X	3090	942	0.373	144	244		-0.6	
7mm Rem Mag	150	9.7	Ballistic Silvertip	Win. Supreme	3100	945	0.493	139	239		-0.4	
7mm Rem Mag	154	10.0	Hornady SST	Black Hills Gold	3000	914	0.53	141	241		-0.4	
7mm Rem Mag	154	10.0	InterBond	Hornady Custom	3035	925	0.525	140	240		-0.4	
7mm Rem Mag	154	10.0	SP InterLock	Hornady Custom	3035	925	0.433	143	243		-0.5	
7mm Rem Mag	154	10.0	SST InterLock	Hornady Custom	3035	925	0.525	140	240		-0.4	
7mm Rem Mag	154	10.0	SST	Hornady Superformance	3100	945	0.525					

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at			Number Change/K Ft
								50 U	100 U	200 U	
7mm Rem Mag	160	10.4	AccuBond	Nosler Custom	2925	892	0.528	144	244		-0.4
7mm Rem Mag	160	10.4	Core-Lokt	Rem Premier CL	2950	899	0.415	147	247		-0.5
7mm Rem Mag	160	10.4	XP3	Win. Supreme	2950	899	0.512	144	244		-0.4
7mm Rem Mag	160	10.4	AccuBond CT	Win. Supreme	2950	899	0.512	144	244		-0.4
7mm Rem Mag	162	10.5	Hornady A- Max	Black Hills Gold	2950	899	0.625	141	241		-0.3
7mm Rem Mag	162	10.5	Ballistic TipSP InterLock	Hornady Custom	2940	896	0.514	144	244		-0.4
7mm Rem Mag	162	10.5	SST	Hornady Superformance	3030	924	0.55	140	240		-0.3
7mm Rem Mag	162	10.5	KS	RWS Ammo	3051	930	0.381	145	245		-0.6
7mm Rem Mag	165	10.7	Sierra GK BT HP	Federal Premium	2950	899	0.469	145	245		-0.5
7mm Rem Mag	170	11.0	Plastic point	Norma Hunting	2953	900	0.378	149	249		-0.6
7mm Rem Mag	170	11.0	Vulkan	Norma Hunting	2953	900	0.353	151	251		-0.7
7mm Rem Mag	170	11.0	HAMMERHEAD	Sako Ammo	2969	905	0.4	147	247		-0.6
7mm Rem Mag	173	11.2	SPCE	Sellor & Bellot	2782	848	0.476	152	252		-0.5
7mm Rem Mag	175	11.4	Trophy Bonded Bear Claw	Federal Premium	2750	838	0.405	157	257		-0.7
7mm Rem Mag	175	11.4	Soft Point	Federal Premium	2860	872	0.437	150	250		-0.5
7mm Rem Mag	175	11.4	Fusion SP	Fusion Ammo	2760	841	0.536	151	251		-0.4
7mm Rem Mag	175	11.4	Partition	Nosler Custom	2800	853	0.516	150	250		-0.5
7mm Rem Mag	175	11.4	Core-Lokt	Remington CL	2860	872	0.427	151	251		-0.6
7mm Rem Mag	175	11.4	Power-Point	Win. Super-X	2860	872	0.426	151	251		-0.6
7mm Rem Mag	177	11.5	TIG	Brenneke Ammo	2920	890	0.355	152	252		-0.7
7mm Rem Mag	177	11.5	ID Classic	RWS Ammo	2920	890	0.356	152	252		-0.7
7mm RUM	160	10.4	Partition	Nosler Custom	3225	983	0.474	136	236		-0.4
7mm RUM	160	10.4	AccuBond	Nosler Trophy	3225	983	0.536	134	234		-0.3
7mm RUM (PL1)	140	9.1	Core-Lokt	Remington CL	3000	914	0.409	146	246		-0.5
7mm RUM (PL2)	160	10.4	Core-Lokt	Rem Premier CL	2950	899	0.414	147	247		-0.5
7mm RUM (PL3)	140	9.1	Core-Lokt	Rem Premier CL	3425	1044	0.409	132	232		-0.4
7mm RUM (PL3)	150	9.7	Swift-Scirocco	Rem Premier Scir	3325	1013	0.533	132	232		-0.3
7mm RUM (PL3)	175	11.4	Swift A-Frame PSP	Rem Premier A	3025	922	0.493	142	242		-0.4
7mm SAUM	140	9.1	AccuBond	Nosler Custom	3150	960	0.483	138	238		-0.4
7mm SAUM	140	9.1	Ballistic Tip	Nosler Custom	3150	960	0.483	138	238		-0.4
7mm SAUM	140	9.1	Partition	Nosler Custom	3150	960	0.432	139	239		-0.4
7mm SAUM	140	9.1	Core-Lokt	Rem Premier CL	3175	968	0.409	139	239		-0.5
7mm SAUM	150	9.7	Ballistic Tip	Nosler Custom	3000	914	0.492	142	242		-0.4
7mm SAUM	150	9.7	Partition	Nosler Custom	3000	914	0.453	144	244		-0.5
7mm SAUM	150	9.7	Core-Lokt	Remington CL	3110	948	0.346	145	245		-0.6
7mm SAUM	160	10.4	AccuBond	Nosler Custom	2850	869	0.528	147	247		-0.4
7mm SAUM	160	10.4	Partition	Nosler Custom	2850	869	0.472	149	249		-0.5
7mm SAUM	160	10.4	AccuBond	Nosler Trophy	2850	869	0.537	147	247		-0.4
7mm SAUM	160	10.4	Core-Lokt	Rem Premier CL	2960	902	0.414	147	247		-0.5
7mm STW	160	10.4	Trophy Bonded Tip	Federal Premium	3100	945	0.511	139	239		-0.4
7mm STW	160	10.4	Nosler AccuBond	Fed Vital-Shok (disc)	3100	945	0.542	139	239		-0.3
7mm STW	140	9.1	AccuBond	Nosler Custom	3300	1006	0.482	133	233		-0.3
7mm STW	140	9.1	Ballistic Tip	Nosler Custom	3300	1006	0.482	133	233		-0.3
7mm STW	140	9.1	Partition	Nosler Trophy	3300	1006	0.437	135	235		-0.4
7mm STW	150	9.7	Partition	Nosler Custom	3175	968	0.453	138	238		-0.4
7mm STW	160	10.4	AccuBond	Nosler Custom	3075	937	0.528	139	239		-0.3
7mm STW	160	10.4	Partition	Nosler Custom	3075	937	0.472	140	240		-0.4
7mm STW	160	10.4	AccuBond	Nosler Trophy	3075	937	0.537	139	239		-0.4
7mm Wby.	120	7.8	Barnes TTSX	Weatherby	3430	1045	0.373	134	234		-0.3
7mm Wby.	139	9.0	SP	Weatherby	3340	1018	0.392	135	235		-0.4
7mm Wby.	140	9.1	AccuBond	Nosler Custom	3340	1018	0.482	132	232		-0.3
7mm Wby.	140	9.1	Barnes TSX	Weatherby	3250	991	0.477	135	235		-0.3
7mm Wby.	140	9.1	Partition	Weatherby	3303	1007	0.434	135	235		-0.4
7mm Wby.	150	9.7	Partition	Nosler Ammo (disc)	3235	986	0.456	137	237		-0.4
7mm Wby.	150	9.7	BST	Weatherby	3300	1006	0.493	133	233		-0.3
7mm Wby.	154	10.0	InterBond	Hornady Custom	3200	975	0.525	135	235		-0.3
7mm Wby.	154	10.0	SP	Weatherby	3260	994	0.433	136	236		-0.4
7mm Wby.	160	10.4	Trophy Bonded Tip	Federal Premium	3100	945	0.511	139	239		-0.4
7mm Wby.	160	10.4	AccuBond	Nosler Custom	3050	930	0.528	140	240		-0.4
7mm Wby.	160	10.4	Partition	Nosler Ammo (disc)	3070	936	0.475	141	241		-0.4
7mm Wby.	160	10.4	Accubond	Weatherby	3050	930	0.531	140	240		-0.3
7mm Wby.	160	10.4	Partition	Weatherby	3200	975	0.475	136	236		-0.4

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at			Number Change/K Ft
								50 U	100 U	200 U	
7mm Wby.	175	11.4	SP	Weatherby	3070	936	0.462	141	241		-0.4
7mm WSM	140	9.1	Nosler Ballistic Tip	Federal Premium	3310	1009	0.483	133	233		-0.3
7mm WSM	140	9.1	Trophy Bonded Tip	Federal Premium	3200	975	0.429	138	238		-0.4
7mm WSM	140	9.1	E-Tip	Win. Supreme	3150	960	0.498	137	237		-0.4
7mm WSM	140	9.1	AccuBond CT	Win. Supreme	3225	983	0.46	136	236		-0.4
7mm WSM	140	9.1	Ballistic Silvertip	Win. Supreme	3225	983	0.46	136	236		-0.4
7mm WSM	150	9.7	Soft Point	Federal Premium	3100	945	0.356	145	245		-0.6
7mm WSM	150	9.7	Fusion SP	Fusion Ammo	3100	945	0.514	138	238		-0.3
7mm WSM	150	9.7	Power-Point	Win. Super-X	3200	975	0.346	142	242		-0.6
7mm WSM	160	10.4	Barnes TSX	Federal Premium	2990	911	0.499	143	243		-0.4
7mm WSM	160	10.4	Trophy Bonded Tip	Federal Premium	3000	914	0.528	141	241		-0.4
7mm WSM	160	10.4	XP3	Win. Supreme	3050	930	0.512	140	240		-0.4
7mm WSM	160	10.4	AccuBond CT	Win. Supreme	3050	930	0.512	140	240		-0.4
7mm-08 Rem	120	7.8	Fusion SP	Fusion Ammo	3000	914	0.687	138	238		-0.3
7mm-08 Rem	120	7.8	Ballistic Tip	Nosler Custom	2825	861	0.415	153	253		-0.6
7mm-08 Rem	120	7.8	Core-Lokt	Remington CL	3000	914	0.343	150	250		-0.7
7mm-08 Rem	139	9.0	GMX	Hornady Superformance	2910	887	0.486	146	246		-0.4
7mm-08 Rem	139	9.0	SST	Hornady Superformance	2950	899	0.486	144	244		-0.4
7mm-08 Rem	140	9.1	Barnes TSX	Federal Premium	2820	860	0.394	154	254		-0.7
7mm-08 Rem	140	9.1	Nosler Ballistic Tip	Federal Premium	2800	853	0.477	151	251		-0.5
7mm-08 Rem	140	9.1	Nosler Partition	Federal Premium	2800	853	0.43	153	253		-0.6
7mm-08 Rem	140	9.1	Trophy Bonded Tip	Federal Premium	2800	853	0.43	153	253		-0.6
7mm-08 Rem	140	9.1	Fusion SP	Fusion Ammo	2850	869	0.388	153	253		-0.7
7mm-08 Rem	140	9.1	Nosler BST	Norma Hunting	2822	860	0.485	150	250		-0.5
7mm-08 Rem	140	9.1	AccuBond	Nosler Custom	2825	861	0.482	150	250		-0.5
7mm-08 Rem	140	9.1	AccuBond	Nosler Trophy	2825	861	0.49	149	249		-0.5
7mm-08 Rem	140	9.1	Core-Lokt PSP	Rem Managed Recoil	2361	720	0.39	184			-1.1
7mm-08 Rem	140	9.1	AccuTip	Rem Premier AT	2860	872	0.486	148	248		-0.5
7mm-08 Rem	140	9.1	Core-Lokt	Remington CL	2860	872	0.39	153	253		-0.6
7mm-08 Rem	140	9.1	Power-Point	Win. Super-X	2800	853	0.36	158	258		-0.8
7mm-08 Rem	140	9.1	Ballistic Silvertip	Win. Supreme	2770	844	0.454	153	253		-0.6
7mm-08 Rem	150	9.7	Soft Point	Federal Premium	2650	808	0.416	162	262		-0.7
7x57	123	8.0	KS	RWS Ammo	2953	900	0.29	157	257		-1.0
7x57	139	9.0	Ballistic TipSP InterLock	Hornady Custom	2680	817	0.453	158	258		-0.6
7x57	139	9.0	GMX	Hornady Superformance	2740	835	0.486	153	253		-0.5
7x57	139	9.0	SST	Hornady Superformance	2760	841	0.486	152	252		-0.5
7x57	140	9.1	Nosler Partition	Federal Premium	2660	811	0.438	160	260		-0.7
7x57	140	9.1	Soft Point	Federal Premium	2660	811	0.417	161	261		-0.7
7x57	140	9.1	Core-Lokt	Remington CL	2660	811	0.39	163	263		-0.8
7x57	145	9.4	Power-Point	Win. Super-X	2660	811	0.355	166			-0.9
7x57	156	10.1	Oryx	Norma Hunting	2641	805	0.33	170			-1.0
7x57	162	10.5	ID Classic	RWS Ammo	2625	800	0.325	172			-1.1
7x57	173	11.2	HMK	RWS Ammo	2526	770	0.383	172			-0.9
7x57	175	11.4	Soft Point RN	Federal Premium	2390	728	0.271	005			-0.08
7x57	139	9.0	SP	Sellor & Bellot	2651	808	0.27	179			-1.4
7x57	140	9.1	FMJ	Sellor & Bellot	2621	799	0.401	165			-0.8
7x57	158	10.3	HPC	Sellor & Bellot	2484	757	0.4	174			-0.9
7x57	173	11.2	SPCE	Sellor & Bellot	2379	725	0.3	005	190		-1.6
7x57	177	11.5	TIG	Brenneke Ammo	2493	760	0.355	178			-1.1
7x57 R	123	8.0	KS	RWS Ammo	2920	890	0.29	159	259		-1.0
7x57 R	139	9.0	TMR	RWS Ammo	2559	780	0.255	190			-1.8
7x57 R	139	9.0	SP	Sellor & Bellot	2651	808	0.27	179			-1.4
7x57 R	140	9.1	FMJ	Sellor & Bellot	2621	799	0.401	165			-0.8
7x57 R	150	9.7	TOG	Brenneke Ammo	2625	800	0.417	163	263		-0.7
7x57 R	150	9.7	Full Metal Jacket	Norma Hunting	2641	805	0.441	161	261		-0.7
7x57 R	154	10.0	DK	RWS Ammo	2592	790	0.338	172			-1.0
7x57 R											

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at			Number Change/K Ft		
								50 U	100 U	200 U	200 Y	500 Y	
7x57 R	173	11.2	SPCE	Sellor & Bellot	2379	725	0.3	005	190			-0.8	-1.6
7x57 R	177	11.5	TIG	Brenneke Ammo	2461	750	0.352		180				-1.1
7x57 R	177	11.5	ID Classic	RWS Ammo	2461	750	0.356		180				-1.1
7x64	120	7.8	GAMEHEAD	Sako Ammo	3100	945	0.336		146	246			-0.7
7x64	123	8.0	KS	RWS Ammo	3182	970	0.29		147	247			-0.8
7x64	140	9.1	Nosler Accubond	Norma Hunting	2953	900	0.485		144	244			-0.4
7x64	150	9.7	ARROWHEAD	Sako Ammo	2953	900	0.512		144	244			-0.4
7x64	154	10.0	DK	RWS Ammo	2904	885	0.338		155	255			-0.8
7x64	156	10.1	Oryx	Norma Hunting	2789	850	0.33		161	261			-0.9
7x64	159	10.3	EVO	RWS Ammo	2887	880	0.399		151	251			-0.6
7x64	162	10.5	KS	RWS Ammo	2887	880	0.381		152	252			-0.6
7x64	162	10.5	ID Classic	RWS Ammo	2887	880	0.325		157	257			-0.8
7x64	170	11.0	Plastic point	Norma Hunting	2723	830	0.378		160	260			-0.8
7x64	170	11.0	Vulkan	Norma Hunting	2723	830	0.353		163	263			-0.9
7x64	170	11.0	HAMMERHEAD	Sako Ammo	2789	850	0.399		155	255			-0.7
7x64	173	11.2	HMK	RWS Ammo	2789	850	0.383		157	257			-0.7
7x64	173	11.2	TMR	RWS Ammo	2625	800	0.301		175				-1.2
7x64	177	11.5	ID Classic	RWS Ammo	2789	850	0.356		159	259			-0.8
7x64	128	8.3	TIG nature	Brenneke Ammo	3051	930	0.186		178				-2.1
7x64	139	9.0	SP	Sellor & Bellot	2808	856	0.253		172				-1.4
7x64	140	9.1	FMJ	Sellor & Bellot	2772	845	0.387		157	257			-0.7
7x64	150	9.7	TOG	Brenneke Ammo	2904	885	0.422		149	249			-0.5
7x64	158	10.3	HPC	Sellor & Bellot	2638	804	0.391		164				-0.8
7x64	173	11.2	SPCE	Sellor & Bellot	2526	770	0.315		180				-1.3
7x64	177	11.5	TIG	Brenneke Ammo	2789	850	0.352		159	259			-0.8
7x65 R	123	8.0	KS	RWS Ammo	3051	930	0.29		153	253			-0.9
7x65 R	139	9.0	SP	Sellor & Bellot	2897	883	0.231		172				-1.5
7x65 R	140	9.1	FMJ	Sellor & Bellot	2858	871	0.37		154	254			-0.7
7x65 R	150	9.7	TOG	Brenneke Ammo	2854	870	0.417		151	251			-0.6
7x65 R	150	9.7	Full Metal Jacket	Norma Hunting	2756	840	0.441		155	255			-0.6
7x65 R	154	10.0	DK	RWS Ammo	2838	865	0.338		158	258			-0.8
7x65 R	156	10.1	Oryx	Norma Hunting	2723	830	0.33		165				-1.0
7x65 R	158	10.3	HPC	Sellor & Bellot	2687	819	0.4		161	261			-0.7
7x65 R	159	10.3	EVO	RWS Ammo	2838	865	0.399		153	253			-0.7
7x65 R	162	10.5	KS	RWS Ammo	2822	860	0.381		155	255			-0.7
7x65 R	162	10.5	ID Classic	RWS Ammo	2854	870	0.325		158	258			-0.9
7x65 R	170	11.0	Plastic Point	Norma Hunting	2625	800	0.373		167				-0.9
7x65 R	170	11.0	Vulkan	Norma Hunting	2657	810	0.353		167				-0.9
7x65 R	170	11.0	HAMMERHEAD	Sako Ammo	2625	800	0.401		164				-0.8
7x65 R	173	11.2	TMR	RWS Ammo	2526	770	0.301		183				-1.4
7x65 R	173	11.2	HMK	RWS Ammo	2723	830	0.383		160	260			-0.8
7x65 R	173	11.2	SPCE	Sellor & Bellot	2608	795	0.297		177				-1.3
7x65 R	177	11.5	TIG	Brenneke Ammo	2690	820	0.352		165				-0.9
7x65 R	177	11.5	ID Classic	RWS Ammo	2690	820	0.356		164				-0.9
.30 R Blaser	150	9.7	KS	RWS Ammo	3084	940	0.298		150	250			-0.8
.30 R Blaser	165	10.7	DK	RWS Ammo	2953	900	0.293		157	257			-0.9
.30 R Blaser	180	11.7	UNI Classic	RWS Ammo	2822	860	0.35		157	257			-0.8
.30 R Blaser	181	11.8	TUG	Brenneke Ammo	2822	860	0.347		158	258			-0.8
.30 R Blaser	183	11.9	EVO	RWS Ammo	2789	850	0.366		158	258			-0.8
.30 R Blaser	200	13.0	KS	RWS Ammo	2625	800	0.356		168				-0.9
.300 Wby.	130	8.4	Barnes TTSX	Weatherby	3650	1113	0.35		129	229			-0.4
.300 Wby.	150	9.7	InterBond	Hornady Custom	3375	1029	0.415		133	233			-0.4
.300 Wby.	150	9.7	AccuBond	Nosler Custom	3475	1059	0.432		130	230			-0.3
.300 Wby.	150	9.7	SP	Weatherby	3540	1079	0.338		133	233			-0.4
.300 Wby.	150	9.7	Partition	Weatherby	3540	1079	0.387		130	230			-0.4
.300 Wby.	165	10.7	Partition	Nosler Custom	3250	991	0.409		137	237			-0.4
.300 Wby.	165	10.7	SP	Weatherby	3390	1033	0.387		134	234			-0.4
.300 Wby.	165	10.7	Barnes TSX	Weatherby	3330	1015	0.398		135	235			-0.4
.300 Wby.	165	10.7	BST	Weatherby	3350	1021	0.475		132	232			-0.3
.300 Wby.	180	11.7	Barnes TSX	Federal Premium	3110	948	0.462		140	240			-0.4
.300 Wby.	180	11.7	Barnes TSX	Federal Premium	3150	960	0.444		139	239			-0.4
.300 Wby.	180	11.7	Nosler Partition	Federal Premium	3080	939	0.483		140	240			-0.4

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at			Number Change/K Ft		
								50 U	100 U	200 U	200 Y	500 Y	
.300 Wby.	180	11.7	Trophy Bonded Tip	Federal Premium	3100	945	0.511		139	239			-0.4
.300 Wby.	180	11.7	Trophy Bonded Tip	Federal Premium	3200	975	0.495		136	236			-0.3
.300 Wby.	180	11.7	SP InterLock	Hornady Custom	3120	951	0.425		141	241			-0.4
.300 Wby.	180	11.7	AccuBond	Nosler Custom	3175	968	0.505		136	236			-0.3
.300 Wby.	180	11.7	ET	Nosler Custom	3050	930	0.528		140	240			-0.4
.300 Wby.	180	11.7	Partition	Nosler Custom	3175	968	0.471		137	237			-0.4
.300 Wby.	180	11.7	Core-Lokt	Remington CL	3120	951	0.383		143	243			-0.5
.300 Wby.	180	11.7	Spitzer	Weatherby	3150	960	0.331		145	245			-0.6
.300 Wby.	180	11.7	SP	Weatherby	3240	988	0.425		137	237			-0.4
.300 Wby.	180	11.7	Barnes TSX	Weatherby	3240	988	0.453		136	236			-0.4
.300 Wby.	180	11.7	BST	Weatherby	3250	991	0.507		134	234			-0.3
.300 Wby.	180	11.7	Accubond	Weatherby	3250	991	0.507		134	234			-0.3
.300 Wby.	180	11.7	Partition	Weatherby	3240	988	0.474		135	235			-0.3
.300 Wby.	200	13.0	Nosler Partition	Federal Premium	3070	936	0.482		140	240			-0.4
.300 Wby.	200	13.0	AccuBond	Nosler Custom	2950	899	0.585		142	242			-0.3
.300 Wby.	200	13.0	Partition	Nosler Custom	2950	899	0.479		145	245			-0.4
.300 Wby.	200	13.0	Partition	Weatherby	3060	933	0.481		141	241			-0.4
.300 Wby.	220	14.3	Rn-Ex	Weatherby	2845	867	0.3		162	262			-1.0
.30-378 Wby.	130	8.4	Barnes TTSX	Weatherby	3740	1140	0.35		128	228			-0.4
.30-378 Wby.	165	10.7	Partition	Nosler Custom	3450	1052	0.408		132	232			-0.4
.30-378 Wby.	165	10.7	Barnes TSX	Weatherby	3450	1052	0.398		132	232			-0.4
.30-378 Wby.	165	10.7	BST	Weatherby	3500	1067	0.475		129	229			-0.3
.30-378 Wby.	180	11.7	AccuBond	Nosler Custom	3400	1036	0.504		130	230			-0.3
.30-378 Wby.	180	11.7	Partition	Nosler Custom	3400	1036	0.471		131	231			-0.3
.30-378 Wby.	180	11.7	BST	Weatherby	3420	1042	0.507		130	230			-0.3
.30-378 Wby.	180	11.7	Accubond	Weatherby	3420	1042	0.507		130	230			-0.3
.30-378 Wby.	180	11.7	Barnes TSX	Weatherby	3360	1024	0.453		133	233			-0.3
.30-378 Wby.	200	13.0	AccuBond	Nosler Custom	3150	960	0.585		135	235			-0.3
.30-378 Wby.	200	13.0	Partition	Nosler Custom	3150	960	0.478		138	238			-0.4
.30-378 Wby.	200	13.0	Partition	Weatherby	3160	963	0.481		137	237			-0.4
.308 Norma Mag	180	11.7	Oryx	Norma Hunting	2953	900	0.288		158	258			-1.0
.308 Norma Mag	180	11.7	Swift A-frame	Norma Hunting (disc)	2953	900	0.377		150	250			-0.7
30 Carbine	110	7.1	FMJ BT	Fed American Eagle	1990	607	0.163	013					-23
30 Carbine	110	7.1	Soft Point RN	Federal Premium	1990	607	0.163	013					-23
30 Carbine	110	7.1	Core-Lokt	Remington CL	1990	607	0.166	013					-23
30 Carbine	110	7.1	Metal Case	Remington UMC	1990	607	0.166	013					-23
30 Carbine	110	7.1	FMJ	Sellor & Bellot	1992	607	0.154	014					-26
30 Carbine	110	7.1	Hollow Soft Point	Win. Super-X	1990	607	0.166	013					-23
30 Rem AR	125	8.1	Metal Case	Remington CL	2800	853	0.266				170		-1.3
30 Rem AR	125	8.1	AccuTip	Rem Premier AT	2800	853	0.335				160	260	-0.9
30 Rem AR	125	8.1	Core-Lokt	Remington CL	2800	853	0.267				170		-1.3
30 Rem AR	150	9.7	Core-Lokt	Remington CL	2575	785	0.314				177		-1.2
30 TC	150	9.7	SST	Hornady Superformance	3000	914	0.415				145	245	-0.5
30 TC	165	10.7	SST	Hornady Superformance	2850	869	0.447				150	250	-0.5
300 H&H Mag	150	9.7	AccuBond	Nosler Custom	3200	975	0.433				138	238	-0.4
300 H&H Mag	180	11.7	InterBond	Hornady Custom	2870	875	0.48				148	248	-0.5
300 H&H Mag	180	11.7	AccuBond	Nosler Custom	2950	899	0.505				144	244	-0.4
300 H&H Mag	180	11.7	Ballistic Tip	Nosler Custom									

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at			Number Change/K Ft	
								50 U	100 U	200 U	200 Y	500 Y
300 RUM	150	9.7	Swift-Scirocco	Rem Premier Scir	3450	1052	0.435	131	231		-0.3	
300 RUM	165	10.7	Partition	Nosler Trophy	3350	1021	0.703	129	229		-0.2	
300 RUM	180	11.7	Barnes TSX	Fed Vital-Shok (disc)	3150	960	0.447	140	240		-0.4	
300 RUM	180	11.7	Trophy Bonded Tip	Fed Vital-Shok (disc)	3200	975	0.498	137	237		-0.4	
300 RUM	180	11.7	AccuBond	Nosler Custom	3250	991	0.503	134	234		-0.3	
300 RUM	180	11.7	Ballistic Tip	Nosler Custom	3250	991	0.503	134	234		-0.3	
300 RUM	180	11.7	ET	Nosler Custom	3150	960	0.528	137	237		-0.3	
300 RUM	180	11.7	Partition	Nosler Custom	3250	991	0.472	135	235		-0.3	
300 RUM	180	11.7	AccuBond	Nosler Trophy	3250	991	0.511	134	234		-0.3	
300 RUM	180	11.7	Partition	Nosler Trophy	3200	975	0.478	136	236		-0.4	
300 RUM	180	11.7	Core-Lokt	Rem Premier CL	3250	991	0.382	138	238		-0.5	
300 RUM	200	13.0	Nosler Partition	Fed Vital-Shok (disc)	3070	936	0.484	141	241		-0.4	
300 RUM	200	13.0	AccuBond	Nosler Custom	3050	930	0.583	138	238		-0.3	
300 RUM	200	13.0	Partition	Nosler Ammo (disc)	3100	945	0.481	140	240		-0.4	
300 RUM (PL1)	150	9.7	AccuTip	Rem Premier AT	2910	887	0.415	149	249		-0.6	
300 RUM (PL1)	150	9.7	Core-Lokt	Remington CL	2910	887	0.314	157	257		-0.9	
300 RUM (PL2)	180	11.7	Core-Lokt	Rem Premier CL	2980	908	0.395	147	247		-0.6	
300 RUM (PL2)	180	11.7	Swift-Scirocco	Rem Premier Scir	2980	908	0.507	143	243		-0.4	
300 RUM (PL3)	165	10.7	Copper Solid-Tipped	Rem Premier CS	3260	994	0.447	136	236		-0.4	
300 RUM (PL3)	180	11.7	Swift-Scirocco	Rem Premier Scir	3250	991	0.5	134	234		-0.3	
300 RUM (PL3)	200	13.0	Swift A-Frame PSP	Rem Premier A	3032	924	0.395	145	245		-0.5	
300 SAUM	150	9.7	AccuBond	Nosler Custom	3200	975	0.433	138	238		-0.4	
300 SAUM	150	9.7	Ballistic Tip	Nosler Custom	3200	975	0.433	138	238		-0.4	
300 SAUM	150	9.7	Partition	Nosler Custom	3200	975	0.385	140	240		-0.5	
300 SAUM	150	9.7	Core-Lokt	Rem Premier CL	3200	975	0.33	143	243		-0.6	
300 SAUM	165	10.7	Ballistic Tip	Nosler Custom	3000	914	0.472	143	243		-0.4	
300 SAUM	165	10.7	Partition	Nosler Custom	3000	914	0.407	146	246		-0.5	
300 SAUM	165	10.7	Partition	Nosler Trophy	3000	914	0.415	145	245		-0.5	
300 SAUM	165	10.7	Core-Lokt	Remington CL	3075	937	0.339	147	247		-0.7	
300 SAUM	180	11.7	AccuBond	Nosler Custom	2900	884	0.505	146	246		-0.4	
300 SAUM	180	11.7	Ballistic Tip	Nosler Custom	2900	884	0.505	146	246		-0.4	
300 SAUM	180	11.7	ET	Nosler Custom	2900	884	0.528	145	245		-0.4	
300 SAUM	180	11.7	Partition	Nosler Custom	2900	884	0.471	147	247		-0.5	
300 SAUM	180	11.7	Partition	Nosler Trophy	2900	884	0.481	147	247		-0.5	
300 SAUM	180	11.7	Core-Lokt	Rem Premier CL	2960	902	0.403	148	248		-0.6	
300 SAUM	190	12.3	MatchKing BT HP	Rem Premier Match	2900	884	0.533	145	245		-0.4	
300 SAUM	200	13.0	AccuBond	Nosler Custom	2800	853	0.583	148	248		-0.4	
300 SAUM	200	13.0	Partition	Nosler Custom	2800	853	0.479	151	251		-0.5	
300 Savage	150	9.7	Soft Point	Federal Premium	2630	802	0.308	174			-1.2	
300 Savage	150	9.7	Core-Lokt	Remington CL	2630	802	0.314	173			-1.1	
300 Savage	150	9.7	Power-Point	Win. Super-X	2630	802	0.294	176			-1.3	
300 Savage	180	11.7	Soft Point	Federal Premium	2350	716	0.387	186			-1.1	
300 Win Mag	130	8.4	Barnes TTSX	Fed Vital-Shok (disc)	3500	1067	0.353	134	234		-0.5	
300 Win Mag	150	9.7	Soft Point	Federal Premium	3150	960	0.39	141	241		-0.5	
300 Win Mag	150	9.7	Fusion SP	Fusion Ammo	3200	975	0.407	139	239		-0.4	
300 Win Mag	150	9.7	SST InterLock	Hornady Custom	3275	998	0.415	136	236		-0.4	
300 Win Mag	150	9.7	Ballistic TipSP InterLock	Hornady Custom	3275	998	0.349	139	239		-0.5	
300 Win Mag	150	9.7	InterBond	Hornady Custom	3275	998	0.415	136	236		-0.4	
300 Win Mag	150	9.7	GMX	Hornady Superformance	3400	1036	0.415	133	233		-0.4	
300 Win Mag	150	9.7	Barnes Triple-Shock	Norma Hunting	3215	980	0.428	137	237		-0.4	
300 Win Mag	150	9.7	Nosler BST	Norma Hunting	3250	991	0.435	136	236		-0.4	
300 Win Mag	150	9.7	Full Metal Jacket B	Norma JaktMatch	3067	935	0.423	143	243		-0.5	
300 Win Mag	150	9.7	Core-Lokt PSP	Rem Managed Recoil	2650	808	0.314	172			-1.1	
300 Win Mag	150	9.7	Copper Solid-Tipped	Rem Premier CS	3290	1003	0.4	136	236		-0.4	
300 Win Mag	150	9.7	Core-Lokt	Rem Premier CL	3290	1003	0.31	142	242		-0.6	
300 Win Mag	150	9.7	Core-Lokt	Remington CL	3290	1003	0.294	143	243		-0.7	
300 Win Mag	150	9.7	Super Hammerhead	Sako Ammo	3396	1035	0.38	134	234		-0.4	
300 Win Mag	165	10.7	Fusion SP	Fusion Ammo	3080	939	0.448	141	241		-0.4	
300 Win Mag	165	10.7	Ballistic TipSP InterLock	Hornady Custom	3100	945	0.435	141	241		-0.4	
300 Win Mag	165	10.7	SST InterLock	Hornady Custom	3100	945	0.447	140	240		-0.4	
300 Win Mag	165	10.7	InterBond	Hornady Custom	3100	945	0.447	140	240		-0.4	
300 Win Mag	165	10.7	GMX	Hornady Superformance	3260	994	0.447	136	236		-0.4	

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at			Number Change/K Ft	
								50 U	100 U	200 U	200 Y	500 Y
300 Win Mag	165	10.7	Partition	Nosler Custom	3100	945	0.415	142	242		-0.5	
300 Win Mag	165	10.7	Copper Solid-Tipped	Rem Premier CS	3260	994	0.447	136	236		-0.4	
300 Win Mag	168	10.9	RACEHEAD	Sako Ammo	3018	920	0.473	142	242		-0.4	
300 Win Mag	170	11.0	Naturalis	Lapua Hunting	3018	920	0.313	152	252		-0.8	
300 Win Mag	178	11.6	Hornady A-Max	Black Hills Gold	3000	914	0.495	142	242		-0.4	
300 Win Mag	180	11.7	Barnes TSX	Black Hills Gold	2950	899	0.453	146	246		-0.5	
300 Win Mag	180	11.7	Nosler AccuBond	Black Hills Gold	2950	899	0.505	144	244		-0.4	
300 Win Mag	180	11.7	Soft Point	Federal Premium	2960	902	0.447	146	246		-0.5	
300 Win Mag	180	11.7	Fusion SP	Fusion Ammo	2960	902	0.485	144	244		-0.4	
300 Win Mag	180	11.7	SP InterLock	Hornady Custom	2960	902	0.425	146	246		-0.5	
300 Win Mag	180	11.7	SST InterLock	Hornady Custom	2960	902	0.48	144	244		-0.4	
300 Win Mag	180	11.7	SST	Hornady Superformance	3130	954	0.48	138	238		-0.4	
300 Win Mag	180	11.7	Oryx	Norma Hunting	2920	890	0.288	159	259		-1.0	
300 Win Mag	180	11.7	Nosler Accubond	Norma Hunting	2953	900	0.507	144	244		-0.4	
300 Win Mag	180	11.7	Plastic tip	Norma Hunting	3018	920	0.366	147	247		-0.6	
300 Win Mag	180	11.7	Swift A-frame	Norma Hunting	2920	890	0.4	149	249		-0.6	
300 Win Mag	180	11.7	AccuBond	Nosler Custom	2950	899	0.505	144	244		-0.4	
300 Win Mag	180	11.7	AccuBond	Nosler Trophy	2950	899	0.513	144	244		-0.4	
300 Win Mag	180	11.7	AccuTip	Rem Premier AT	2960	902	0.481	144	244		-0.4	
300 Win Mag	180	11.7	Core-Lokt	Rem Premier CL	2960	902	0.402	148	248		-0.6	
300 Win Mag	180	11.7	Swift-Scirocco	Rem Premier Scir	2960	902	0.507	143	243		-0.4	
300 Win Mag	180	11.7	Core-Lokt	Remington CL	2960	902	0.383	149	249		-0.6	
300 Win Mag	180	11.7	Super Hammerhead	Sako Ammo	2953	900	0.42	147	247		-0.5	
300 Win Mag	180	11.7	ARROWHEAD	Sako Ammo	2953	900	0.504	144	244		-0.4	
300 Win Mag	180	11.7	SPCE	Sellor & Bellot	2936	895	0.28	160	260		-1.0	
300 Win Mag	183	11.9	EVO	RWS Ammo	3051	930	0.366	146	246		-0.6	
300 Win Mag	185	12.0	Mega	Lapua Hunting	2723	830	0.317	167			-1.0	
300 Win Mag	190	12.3	Sierra MK BT HP	Black Hills New	2950	899	0.533	143	243		-0.4	
300 Win Mag	190	12.3	Sierra MK BT HP	Federal Premium	2900	884	0.547	145	245		-0.4	
300 Win Mag	200	13.0	Oryx	Norma Hunting	2789	850	0.338	160	260		-0.9	
300 Win Mag	200	13.0	AccuBond	Nosler Custom	2800	853	0.583	148	248		-0.4	
300 Win Mag	200	13.0	Swift A-Frame PSP	Rem Premier A	2825	861	0.395	154	254		-0.6	
300 Win Mag	220	14.3	HAMMERHEAD	Sako Ammo	2707	825	0.402	160	260		-0.7	
300 Win Mag	150	9.7	PowerMax	Win. Super-X	3290	1003	0.325	140	240		-0.6	
300 Win Mag	150	9.7	Power-Point	Win. Super-X	3290	1003	0.294	143	243		-0.7	
300 Win Mag	150	9.7	E-Tip	Win. Supreme	3260	994	0.475	135	235		-0.3	
300 Win Mag	150	9.7	XP3	Win. Supreme	3260	994	0.437	136	236		-0.4	
300 Win Mag	165	10.7	TOG	Brenneke Ammo	3182	970	0.414	139	239		-0.4	
300 Win Mag	165	10.7	Trophy Bonded Tip	Federal Premium	3050	930	0.456	142	242		-0.4	
300 Win Mag	165	10.7	Barnes TSX	Federal Premium	3050	930	0.381	145	245		-0.6	
300 Win Mag	165	10.7	Nosler Partition	Federal Premium	3050	930	0.415	144	244		-0.5	
300 Win Mag	165	10.7	DK	RWS Ammo	3182	970	0.293	147	247		-0.8	
300 Win Mag	165	10.7	KS	RWS Ammo	3182	970	0.329	144	244		-0.6	
300 Win Mag	180	11.7	Trophy Bonded Tip	Federal Premium	2960	902	0.495	144	244		-0.4	
300 Win Mag	180	11.7	Barnes MRX-Bullet	Federal Premium	2960	902	0.555	142	242		-0.4	
300 Win Mag	180	11.7	Barnes TSX	Federal Premium	2960	902	0.447	146	246		-0.5	
300 Win Mag	180	11.7	Nosler Partition	Federal Premium	2960	902	0.359	150	250		-0.7	
300 Win Mag	180	11.7	Nosler AccuBond	Federal Premium	2960	902	0.495	144	244		-0.4	
300 Win Mag	180	11.7	UNI Classic	RWS Ammo	3084	940	0.35	146	246		-0.6	
300 Win Mag	180	11.7	Power-Point	Win. Super-X	2960	902	0.438	146	246		-0.5	
300 Win Mag	180	11.7	E-Tip	Win. Supreme	2950	899	0.526	143	243		-0.4	
300 Win Mag	180	11.7	XP3	Win. Supreme	3000	914	0.527	141	241		-0.4	
300 Win Mag	180	11.7	AccuBond CT	Win. Supreme	2950	899	0.509	144	244		-0.4	
300 Win Mag	180	11.7	Ballistic Silvertip	Win. Supreme	2950	899	0.507	144	244		-0.4	

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at			Number Change/K Ft	
								50 U	100 U	200 U	200 Y	500 Y
300 WSM	150	9.7	Core-Lokt	Remington CL	3320	1012	0.294	142	242			-0.7
300 WSM	150	9.7	PowerMax	Win. Super-X	3270	997	0.325	141	241			-0.6
300 WSM	150	9.7	Power-Point	Win. Super-X	3270	997	0.294	144	244			-0.7
300 WSM	150	9.7	E-Tip	Win. Supreme	3300	1006	0.475	134	234			-0.3
300 WSM	150	9.7	XP3	Win. Supreme	3300	1006	0.437	135	235			-0.4
300 WSM	150	9.7	Ballistic Silvertip	Win. Supreme	3300	1006	0.424	135	235			-0.4
300 WSM	165	10.7	Barnes TSX	Federal Premium	3130	954	0.373	143	243			-0.5
300 WSM	165	10.7	Nosler Partition	Federal Premium	3120	951	0.404	142	242			-0.5
300 WSM	165	10.7	Trophy Bonded Tip	Federal Premium	3130	954	0.443	140	240			-0.4
300 WSM	165	10.7	Fusion SP	Fusion Ammo	3100	945	0.45	140	240			-0.4
300 WSM	180	11.7	Soft Point	Federal Premium	2980	908	0.391	147	247			-0.6
300 WSM	180	11.7	Barnes MRX-Bullet	Federal Premium	2980	908	0.557	141	241			-0.3
300 WSM	180	11.7	Barnes TSX	Federal Premium	2980	908	0.449	145	245			-0.5
300 WSM	180	11.7	Nosler AccuBond	Federal Premium	2960	902	0.495	144	244			-0.4
300 WSM	180	11.7	Nosler Partition	Federal Premium	2980	908	0.472	144	244			-0.4
300 WSM	180	11.7	Trophy Bonded Tip	Federal Premium	2960	902	0.495	144	244			-0.4
300 WSM	180	11.7	Fusion SP	Fusion Ammo	2950	899	0.484	145	245			-0.4
300 WSM	180	11.7	Oryx	Norma Hunting	2936	895	0.288	158	258			-1.0
300 WSM	180	11.7	AccuTip Boat Tail	Rem AT (disc)	3010	917	0.480	143	243			-0.4
300 WSM	180	11.7	Swift-Scirocco	Rem Premier Scir	2980	908	0.507	143	243			-0.4
300 WSM	180	11.7	HAMMERHEAD	Sako Ammo	2969	905	0.416	147	247			-0.5
300 WSM	180	11.7	ARROWHEAD	Sako Ammo	2969	905	0.514	143	243			-0.4
300 WSM	180	11.7	Power-Point	Win. Super-X	2970	905	0.438	146	246			-0.5
300 WSM	180	11.7	E-Tip	Win. Supreme	3010	917	0.526	141	241			-0.4
300 WSM	180	11.7	XP3	Win. Supreme	3010	917	0.527	141	241			-0.4
300 WSM	180	11.7	AccuBond CT	Win. Supreme	3010	917	0.509	142	242			-0.4
300 WSM	180	11.7	Ballistic Silvertip	Win. Supreme	3010	917	0.507	142	242			-0.4
300 WSM	183	11.9	EVO	RWS Ammo	3051	930	0.366	146	246			-0.6
300 WSM	175	11.4	Sierra MK BT HP	Black Hills Gold	2950	899	0.505	144	244			-0.4
300 WSM	180	11.7	Nosler AccuBond	Black Hills Gold	2950	899	0.507	144	244			-0.4
300 WSM	180	11.7	AccuBond	Nosler Custom	2900	884	0.505	146	246			-0.4
300 WSM	180	11.7	AccuBond	Nosler Trophy	2900	884	0.513	146	246			-0.4
30-06 Sprg	55	3.6	Core-Lokt Accelerator	Remington CL	4080	1244	0.197	134	234			-0.8
30-06 Sprg	123	8.0	FMJ	Lapua Sport	2936	895	0.279	160	260			-1.0
30-06 Sprg	123	8.0	SPEEDHEAD	Sako Ammo	2953	900	0.308	155	255			-0.9
30-06 Sprg	123	8.0	GAMEHEAD	Sako Ammo	3117	950	0.304	148	248			-0.8
30-06 Sprg	123	8.0	SPEEDHEAD	Sako Ammo	2953	900	0.308	155	255			-0.9
30-06 Sprg	125	8.1	Soft Point	Federal Premium	3140	957	0.267	152	252			-0.9
30-06 Sprg	125	8.1	Core-Lokt PSP	Rem Managed Recoil	2660	811	0.267	179				-1.5
30-06 Sprg	125	8.1	Core-Lokt	Remington CL	3140	957	0.268	152	252			-0.9
30-06 Sprg	125	8.1	Pointed Soft Point	Win. Super-X	3140	957	0.268	152	252			-0.9
30-06 Sprg	150	9.7	FMJ BT	Fed American Eagle	2740	835	0.404	158	258			-0.7
30-06 Sprg	150	9.7	FMJ BT	Fed American Eagle	2910	887	0.402	150	250			-0.6
30-06 Sprg	150	9.7	Nosler Ballistic Tip	Federal Premium	2910	887	0.442	148	248			-0.5
30-06 Sprg	150	9.7	Sierra GK BT HP	Federal Premium	2910	887	0.385	151	251			-0.6
30-06 Sprg	150	9.7	Soft Point	Federal Premium	2910	887	0.317	156	256			-0.9
30-06 Sprg	150	9.7	Fusion SP	Fusion Ammo	2900	884	0.409	150	250			-0.6
30-06 Sprg	150	9.7	SP InterLock	Hornady Custom	2910	887	0.338	154	254			-0.8
30-06 Sprg	150	9.7	Ballistic TipSP InterLock	Hornady Custom	2910	887	0.349	153	253			-0.7
30-06 Sprg	150	9.7	SST InterLock	Hornady Custom	2910	887	0.415	149	249			-0.6
30-06 Sprg	150	9.7	InterBond	Hornady Custom	2910	887	0.415	149	249			-0.6
30-06 Sprg	150	9.7	SST	Hornady Superformance	3080	939	0.415	142	242			-0.5
30-06 Sprg	150	9.7	GMX	Hornady Superformance	3080	939	0.415	142	242			-0.5
30-06 Sprg	150	9.7	Nosler BST	Norma Hunting	2936	895	0.435	147	247			-0.5
30-06 Sprg	150	9.7	Full Metal Jacket B	Norma JaktMatch	2772	845	0.423	155	255			-0.6
30-06 Sprg	150	9.7	Full Metal Jacket B	Norma Target (Gold)	2789	850	0.438	153	253			-0.6
30-06 Sprg	150	9.7	Partition	Nosler Trophy	3000	914	0.392	147	247			-0.6
30-06 Sprg	150	9.7	AccuTip	Rem Premier AT	2910	887	0.415	149	249			-0.6
30-06 Sprg	150	9.7	Copper Solid-Tipped	Rem Premier CS	2910	887	0.4	150	250			-0.6
30-06 Sprg	150	9.7	Core-Lokt	Rem Premier CL	2910	887	0.331	155	255			-0.8
30-06 Sprg	150	9.7	Swift-Scirocco	Rem Premier Scir	2910	887	0.435	148	248			-0.5
30-06 Sprg	150	9.7	Core-Lokt	Remington CL	2910	887	0.314	157	257			-0.9

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at			Number Change/K Ft	
								50 U	100 U	200 U	200 Y	500 Y
30-06 Sprg	150	9.7	Core-Lokt	Remington CL	2910	887	0.365	152	252			-0.7
30-06 Sprg	150	9.7	Metal Case	Remington UMC	2910	887	0.314	157	257			-0.9
30-06 Sprg	150	9.7	KS	RWS Ammo	2986	910	0.298	155	255			-0.9
30-06 Sprg	150	9.7	ID Classic	RWS Ammo	2986	910	0.303	154	254			-0.9
30-06 Sprg	150	9.7	Super Hammerhead	Sako Ammo	2969	905	0.379	149	249			-0.6
30-06 Sprg	150	9.7	SPCE	Sellor & Bellot	2887	880	0.274	163	263			-1.1
30-06 Sprg	150	9.7	Power-Point	Win. Super-X	2920	890	0.294	158	258			-1.0
30-06 Sprg	150	9.7	PowerMax	Win. Super-X	2920	890	0.325	155	255			-0.8
30-06 Sprg	150	9.7	Silvertip	Win. Super-X	2910	887	0.314	157	257			-0.9
30-06 Sprg	150	9.7	E-Tip	Win. Supreme	2900	884	0.475	147	247			-0.5
30-06 Sprg	150	9.7	XP3	Win. Supreme	2925	892	0.437	147	247			-0.5
30-06 Sprg	150	9.7	Ballistic Silvertip	Win. Supreme	2900	884	0.435	148	248			-0.5
30-06 Sprg	154	10.0	BIONIC YELLOW	RWS Ammo	2904	885	0.309	157	257			-0.9
30-06 Sprg	154	10.0	BIONIC BLACK	RWS Ammo	2904	885	0.309	157	257			-0.9
30-06 Sprg	155	10.1	Hornady A-Max	Black Hills Gold	2900	884	0.435	148	248			-0.5
30-06 Sprg	155	10.1	TAG	Brenneke Ammo	2953	900	0.199	179				-2.0
30-06 Sprg	165	10.7	TOG	Brenneke Ammo	2887	880	0.42	150	250			-0.6
30-06 Sprg	165	10.7	Barnes TSX	Federal Premium	2800	853	0.375	157	257			-0.7
30-06 Sprg	165	10.7	Nosler Ballistic Tip	Federal Premium	2800	853	0.477	151	251			-0.5
30-06 Sprg	165	10.7	Nosler Partition	Federal Premium	2830	863	0.413	153	253			-0.6
30-06 Sprg	165	10.7	Sierra GK BT HP	Federal Premium	2800	853	0.41	154	254			-0.6
30-06 Sprg	165	10.7	Trophy Bonded Tip	Federal Premium	2800	853	0.452	152	252			-0.5
30-06 Sprg	165	10.7	Fusion SP	Fusion Ammo	2790	850	0.451	153	253			-0.6
30-06 Sprg	165	10.7	Ballistic TipSP InterLock	Hornady Custom	2800	853	0.435	153	253			-0.6
30-06 Sprg	165	10.7	SST InterLock	Hornady Custom	2800	853	0.447	152	252			-0.6
30-06 Sprg	165	10.7	InterBond	Hornady Custom	2800	853	0.447	152	252			-0.6
30-06 Sprg	165	10.7	SST	Hornady Superformance	2960	902	0.447	146	246			-0.5
30-06 Sprg	165	10.7	GMX	Hornady Superformance	2940	896	0.447	146	246			-0.5
30-06 Sprg	165	10.7	AccuBond	Nosler Custom	2800	853	0.472	151	251			-0.5
30-06 Sprg	165	10.7	Partition	Nosler Custom	2800	853	0.408	154	254			-0.6
30-06 Sprg	165	10.7	AccuBond	Nosler Trophy	2800	853	0.479	151	251			-0.5
30-06 Sprg	165	10.7	AccuTip	Rem Premier AT	2800	853	0.447	152	252			-0.6
30-06 Sprg	165	10.7	Copper Solid-Tipped	Rem Premier CS	2800	853	0.447	152	252			-0.6
30-06 Sprg	165	10.7	Core-Lokt	Remington CL	2800	853	0.339	160	260			-0.8
30-06 Sprg	165	10.7	DK	RWS Ammo	2854	870	0.293	162	262			-1.0
30-06 Sprg	165	10.7	KS	RWS Ammo	2854	870	0.329	158	258			-0.8
30-06 Sprg	165	10.7	Pointed Soft Point	Win. Super-X	2800	853	0.341	159	259			-0.8
30-06 Sprg	168	10.9	Hornady A-Max	Black Hills Gold	2750	838	0.475	153	253			-0.5
30-06 Sprg	168	10.9	Core-Lokt	Black Hills Gold	2700	823	0.431	158	258			-0.6
30-06 Sprg	168	10.9	Sierra MK BT HP	Federal Premium	2700	823	0.465	156	256			-0.6
30-06 Sprg	168	10.9	A-MAX Match	Hornady Match M1Garand	2710	826	0.475	155	255			-0.6
30-06 Sprg	168	10.9	Core-Lokt	Rem Premier CL	2800	853	0.356	158	258			-0.8
30-06 Sprg	168	10.9	Ballistic Silvertip	Win. Supreme	2790	850	0.475	152	252			-0.5
30-06 Sprg	170	11.0	Fusion SP	Fusion Ammo	2000	610	0.282	018				-1.01
30-06 Sprg	170	11.0	Naturalis	Lapua Hunting	2725	831	0.307	168				-1.1
30-06 Sprg	180	11.7	Barnes TSX	Black Hills Gold	2700	823	0.453	157	257			-0.6
30-06 Sprg	180	11.7	Nosler AccuBond	Black Hills Gold	2700	823	0.505	155	255			-0.5
30-06 Sprg	180	11.7	Barnes MRX-Bullet	Federal Premium	2700	823	0.555	153	253			-0.4
30-06 Sprg	180	11.7	Soft									

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at				Number Change/K Ft		
								50 U	100 U	200 U	200 Y	500 Y		
30-06 Sprg	180	11.7	Nosler Partition	Norma Hunting	2700	823	0.474		156	256				-0.6
30-06 Sprg	180	11.7	Alaska	Norma Hunting	2700	823	0.257		178					-1.5
30-06 Sprg	180	11.7	Swift A-frame	Norma Hunting	2700	823	0.4		160	260				-0.7
30-06 Sprg	180	11.7	Ballistic Tip	Nosler Custom	2750	838	0.504		152	252				-0.5
30-06 Sprg	180	11.7	Ballistic Tip	Nosler Trophy	2750	838	0.512		152	252				-0.5
30-06 Sprg	180	11.7	AccuTip	Rem Premier AT	2725	831	0.48		154	254				-0.5
30-06 Sprg	180	11.7	Swift A-Frame PSP	Rem Premier A	2700	823	0.377		162	262				-0.8
30-06 Sprg	180	11.7	Core-Lokt	Rem Premier CL	2700	823	0.402		160	260				-0.7
30-06 Sprg	180	11.7	Swift-Scirocco	Rem Premier Scir	2700	823	0.5		155	255				-0.5
30-06 Sprg	180	11.7	Core-Lokt	Remington CL	2700	823	0.248		181					-1.6
30-06 Sprg	180	11.7	Core-Lokt	Remington CL	2700	823	0.383		161	261				-0.8
30-06 Sprg	180	11.7	Core-Lokt	Remington CL	2700	823	0.412		159	259				-0.7
30-06 Sprg	180	11.7	UNI Classic	RWS Ammo	2756	840	0.35		161	261				-0.8
30-06 Sprg	180	11.7	HMK	RWS Ammo	2756	840	0.356		160	260				-0.8
30-06 Sprg	180	11.7	Super Hammerhead	Sako Ammo	2707	825	0.42		158	258				-0.7
30-06 Sprg	180	11.7	HAMMERHEAD	Sako Ammo	2707	825	0.269		175					-1.4
30-06 Sprg	180	11.7	POWERHEAD	Sako Ammo	2707	825	0.5		155	255				-0.5
30-06 Sprg	180	11.7	ARROWHEAD	Sako Ammo	2707	825	0.509		154	254				-0.5
30-06 Sprg	180	11.7	FMJ	Sellor & Bellot	2674	815	0.533		155	255				-0.5
30-06 Sprg	180	11.7	SP	Sellor & Bellot	2707	825	0.344		164					-0.9
30-06 Sprg	180	11.7	HPC	Sellor & Bellot	2671	814	0.575		154	254				-0.4
30-06 Sprg	180	11.7	SPCE	Sellor & Bellot	2641	805	0.327		170					-1.1
30-06 Sprg	180	11.7	Power-Point	Win. Super-X	2700	823	0.381		161	261				-0.8
30-06 Sprg	180	11.7	Silvertip	Win. Super-X	2700	823	0.383		161	261				-0.8
30-06 Sprg	180	11.7	E-Tip	Win. Supreme	2750	838	0.526		152	252				-0.5
30-06 Sprg	180	11.7	XP3	Win. Supreme	2750	838	0.527		151	251				-0.5
30-06 Sprg	180	11.7	AccuBond CT	Win. Supreme	2750	838	0.509		152	252				-0.5
30-06 Sprg	180	11.7	Ballistic Silvertip	Win. Supreme	2750	838	0.507		152	252				-0.5
30-06 Sprg	181	11.8	TUG	Brenneke Ammo	2756	840	0.349		161	261				-0.8
30-06 Sprg	183	11.9	EVO	RWS Ammo	2739	835	0.366		161	261				-0.8
30-06 Sprg	185	12.0	Mega	Lapua Hunting	2625	800	0.316		173					-1.1
30-06 Sprg	200	13.0	Mega	Lapua Hunting	2545	776	0.336		176					-1.1
30-06 Sprg	200	13.0	Oryx	Norma Hunting	2625	800	0.338		170					-1.0
30-06 Sprg	200	13.0	KS	RWS Ammo	2411	735	0.356		184					-1.2
30-06 Sprg	200	13.0	UNI Classic	RWS Ammo	2592	790	0.38		168					-0.9
30-06 Sprg	220	14.3	Soft Point	Federal Premium	2400	732	0.291	005	190					-1.6
30-06 Sprg	220	14.3	Core-Lokt	Remington CL	2410	735	0.294	005	190					-1.6
30-06 Sprg	220	14.3	HAMMERHEAD	Sako Ammo	2411	735	0.393		180					-1.0
30-30 Win	125	8.1	Hollow Point	Federal Premium	2570	783	0.169	005						-1.2
30-30 Win	125	8.1	Core-Lokt PSP	Rem Managed Recoil	2175	663	0.215	008						-1.3
30-30 Win	150	9.7	Barnes TSX	Federal Premium	2220	677	0.181	009						-1.7
30-30 Win	150	9.7	Soft Point FN	Federal Premium	2390	728	0.217	006						-1.0
30-30 Win	150	9.7	Fusion FP	Fusion Ammo	2390	728	0.267	005						-0.9
30-30 Win	150	9.7	RN InterLock	Hornady Custom	2390	728	0.186	006						-1.2
30-30 Win	150	9.7	Copper Solid-Tipped	Rem Premier CS	2220	677	0.186	009						-1.6
30-30 Win	150	9.7	Core-Lokt	Remington CL	2390	728	0.193	006						-1.2
30-30 Win	150	9.7	SP	Sellor & Bellot	2389	728	0.189	006						-1.3
30-30 Win	150	9.7	PowerMax	Win. Super-X	2390	728	0.224	006						-1.0
30-30 Win	150	9.7	Power Point	Win. Super-X	2390	728	0.218	006						-1.0
30-30 Win	150	9.7	Hollow Point	Win. Super-X	2390	728	0.218	006						-1.0
30-30 Win	150	9.7	Silvertip	Win. Super-X	2390	728	0.218	006						-1.0
30-30 Win	150	9.7	Ballistic Silvertip	Win. Supreme	2390	728	0.232	006						-1.0
30-30 Win	160	10.4	FTX	Hornady LEVERevolution	2400	732	0.33		189					-1.3
30-30 Win	170	11.0	Nosler Partition	Federal Premium	2200	671	0.248	008						-1.1
30-30 Win	170	11.0	Soft Point RN	Federal Premium	2200	671	0.248	008						-1.1
30-30 Win	170	11.0	Fusion FP	Fusion Ammo	2200	671	0.31	007						-0.8
30-30 Win	170	11.0	FP InterLock	Hornady Custom	2200	671	0.189	009						-1.6
30-30 Win	170	11.0	Core-Lokt	Remington CL	2200	671	0.254	008						-1.1
30-30 Win	170	11.0	Core-Lokt	Remington CL	2200	671	0.254	008						-1.1
30-30 Win	170	11.0	Power-Point	Win. Super-X	2200	671	0.241	008						-1.1
30-30 Win	170	11.0	Silvertip	Win. Super-X	2200	671	0.278	007						-0.9
30-40 Krag	180	11.7	Core-Lokt	Remington CL	2430	741	0.383		179					-1.0

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at				Number Change/K Ft		
								50 U	100 U	200 U	200 Y	500 Y		
30-40 Krag	180	11.7	Power-Point	Win. Super-X	2430	741	0.394		178					-1.0
307 Winchester	180	11.7	Power-Point	Win. Super-X	2510	765	0.263	004	190					-2.0
308 Marlin Express	160	10.4	FTX	Hornady LEVERevolution	2660	811	0.395		163	263				-0.8
308 Norma Mag	180	11.7	AccuBond	Nosler Custom	2975	907	0.505		143	243				-0.4
308 Win	102	6.6	SUPER RANGE	Sako Ammo	3117	950	0.235		158	258				-1.2
308 Win	110	7.1	TAP-FPD	Hornady TAP/FPD	3165	965	0.29		148	248				-0.8
308 Win	123	8.0	FMJ	Lapua Sport	2936	895	0.279		160	260				-1.0
308 Win	123	8.0	SPEEDHEAD	Sako Ammo	2953	900	0.308		155	255				-0.9
308 Win	123	8.0	GAMEHEAD	Sako Ammo	3035	925	0.314		151	251				-0.8
308 Win	123	8.0	SPEEDHEAD	Sako Ammo	2953	900	0.308		155	255				-0.9
308 Win	125	8.1	Core-Lokt PSP	Rem Managed Recoil	2660	811	0.314		171					-1.1
308 Win	130	8.4	FS	RWS Ammo	2936	895	0.229		170					-1.5
308 Win	150	9.7	InterBond	Hornady Custom	2820	860	0.415		153	253				-0.6
308 Win	150	9.7	Ballistic TipSP InterLock	Hornady Custom	2820	860	0.349		158	258				-0.8
308 Win	150	9.7	SST InterLock	Hornady Custom	2820	860	0.415		153	253				-0.6
308 Win	150	9.7	SST	Hornady Superformance	3000	914	0.415		145	245				-0.5
308 Win	150	9.7	GMX	Hornady Superformance	2940	896	0.415		148	248				-0.5
308 Win	150	9.7	Mega	Lapua Hunting	2790	850	0.327		161	261				-0.9
308 Win	150	9.7	Lock Base	Lapua Special	2790	850	0.483		151	251				-0.5
308 Win	150	9.7	Nosler BST	Norma Hunting	2822	860	0.435		152	252				-0.6
308 Win	150	9.7	Full Metal Jacket B	Norma JaktMatch	2657	810	0.423		161	261				-0.7
308 Win	150	9.7	Full Metal Jacket B	Norma Target (Gold)	2723	830	0.438		157	257				-0.6
308 Win	150	9.7	Copper Solid-Tipped	Rem Premier CS	2820	860	0.4		154	254				-0.6
308 Win	150	9.7	Core-Lokt	Rem Premier CL	2820	860	0.331		159	259				-0.9
308 Win	150	9.7	Swift Scirocco	Rem Premier Scir	2820	860	0.435		152	252				-0.6
308 Win	150	9.7	Core-Lokt	Remington CL	2820	860	0.314		161	261				-0.9
308 Win	150	9.7	Metal Case	Remington UMC	2820	860	0.314		161	261				-0.9
308 Win	150	9.7	KS	RWS Ammo	2854	870	0.298		161	261				-1.0
308 Win	150	9.7	ID Classic	RWS Ammo	2854	870	0.303		161	261				-1.0
308 Win	150	9.7	Super Hammerhead	Sako Ammo	2854	870	0.379		154	254				-0.7
308 Win	154	10.0	BIONIC YELLOW	RWS Ammo	2674	815	0.309		171					-1.1
308 Win	154	10.0	BIONIC BLACK	RWS Ammo	2674	815	0.309		171					-1.1
308 Win	155	10.1	Hornady A-Max	Black Hills Gold	2750	838	0.435		155	255				-0.6
308 Win	155	10.1	TAP-FPD	Hornady TAP/FPD	2785	849	0.435		154	254				-0.6
308 Win	155	10.1	Scenar	Lapua Sport	2820	860	0.504		149	249				-0.5
308 Win	165	10.7	Soft Point	Black Hills (disc)	2650	808	0.435		161	261				-0.7
308 Win	165	10.7	TOG	Brenneke Ammo	2756	840	0.419		156	256				-0.6
308 Win	165	10.7	Trophy Bonded Tip	Fed Vital-Shok (disc)	2880	878	0.463		149	249				-0.5
308 Win	165	10.7	Ballistic TipSP InterLock	Hornady Custom	2700	823	0.435		158	258				-0.6
308 Win	165	10.7	SST	Hornady Superformance	2840	866	0.447		150	250				-0.5
308 Win	165	10.7	GMX	Hornady Superformance	2750	838	0.447		155	255				-0.6
308 Win	165	10.7	Armour Piercing	Lapua Special	2850	869	0.468		149	249				-0.5
308 Win	165	10.7	Swift A-Frame	Norma Hunting	2700	823	0.367		163	263</				

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at			Number Change/K Ft	
								50 U	100 U	200 U	200 Y	500 Y
308 Win	175	11.4	Sierra MK BT HP	Black Hills New	2600	792	0.505		160	260		-0.6
308 Win	175	11.4	MatchKing BT HP	Rem Premier Match	2609	795	0.496		160	260		-0.6
308 Win	180	11.7	Nosler Accubond	Black Hills Gold	2598	792	0.505		160	260		-0.6
308 Win	180	11.7	Oryx	Norma Hunting	2612	796	0.288		178			-1.3
308 Win	180	11.7	Vulkan	Norma Hunting	2612	796	0.315		174			-1.2
308 Win	180	11.7	Alaska	Norma Hunting	2612	796	0.257		185			-1.6
308 Win	180	11.7	Nosler Partition	Norma Hunting	2612	796	0.474		161	261		-0.6
308 Win	180	11.7	Plastic point	Norma Hunting	2612	796	0.366		168			-0.9
308 Win	180	11.7	Core-Lokt	Rem Premier CL	2620	799	0.402		165			-0.8
308 Win	180	11.7	Core-Lokt	Remington CL	2620	799	0.248		187			-1.7
308 Win	180	11.7	Core-Lokt	Remington CL	2620	799	0.383		166			-0.8
308 Win	180	11.7	HMK	RWS Ammo	2559	780	0.356		173			-1.0
308 Win	180	11.7	UNI Classic	RWS Ammo	2559	780	0.35		173			-1.0
308 Win	180	11.7	Super Hammerhead	Sako Ammo	2608	795	0.417		164			-0.7
308 Win	180	11.7	HAMMERHEAD	Sako Ammo	2608	795	0.268		183			-1.5
308 Win	180	11.7	ARROWHEAD	Sako Ammo	2608	795	0.507		159	259		-0.6
308 Win	181	11.8	TUG	Brenneke Ammo	2559	780	0.351		173			-1.0
308 Win	183	11.9	EVO	RWS Ammo	2543	775	0.366		173			-1.0
308 Win	185	12.0	Mega	Lapua Hunting	2510	765	0.315		182			-1.3
308 Win	185	12.0	Scenar	Lapua Special	2475	754	0.521		167			-0.6
308 Win	185	12.0	FMJ/Ballistic Tip	Lapua Special	2490	759	0.55		165			-0.6
308 Win	185	12.0	Scenar	Lapua Sport	2475	754	0.521		167			-0.6
308 Win	185	12.0	Scenar	Lapua Sport	2605	794	0.523		159	259		-0.5
308 Win	190	12.3	MS	RWS Ammo	2490	759	0.55		165			-0.6
308 Win	190	12.3	RACEHEAD	Sako Ammo	2526	770	0.548		163	263		-0.5
308 Win	200	13.0	HAMMERHEAD	Sako Ammo	2444	745	0.354		181			-1.1
308 Win	125	8.1	Ballistic Tip	Nosler Custom	3175	968	0.365		142	242		-0.5
308 Win	147	9.5	FMJ	Sellor & Bellot	2808	856	0.395		155	255		-0.7
308 Win	150	9.7	FMJ BT	Fed American Eagle	2820	860	0.412		153	253		-0.6
308 Win	150	9.7	Barnes TSX	Federal Premium	2820	860	0.362		157	257		-0.7
308 Win	150	9.7	Nosler Ballistic Tip	Federal Premium	2820	860	0.432		152	252		-0.6
308 Win	150	9.7	Nosler Partition	Federal Premium	2840	866	0.379		154	254		-0.7
308 Win	150	9.7	Soft Point	Federal Premium	2820	860	0.31		162	262		-1.0
308 Win	150	9.7	Fusion SP	Fusion Ammo	2820	860	0.412		153	253		-0.6
308 Win	150	9.7	AccuBond	Nosler Custom	3025	922	0.432		144	244		-0.5
308 Win	150	9.7	AccuBond	Nosler Trophy	3025	922	0.441		143	243		-0.5
308 Win	150	9.7	SPCE	Sellor & Bellot	2756	840	0.31		165			-1.0
308 Win	150	9.7	PowerMax	Win. Super-X	2820	860	0.325		160	260		-0.9
308 Win	150	9.7	Power-Point	Win. Super-X	2820	860	0.294		164			-1.1
308 Win	150	9.7	E-Tip	Win. Supreme	2810	856	0.475		151	251		-0.5
308 Win	150	9.7	XP3	Win. Supreme	2825	861	0.437		152	252		-0.6
308 Win	150	9.7	Ballistic Silvertip	Win. Supreme	2810	856	0.435		152	252		-0.6
308 Win	155	10.1	A-MAX Match	Hornady Match (Palma)	2850	869	0.435		151	251		-0.5
308 Win	165	10.7	Barnes TSX	Federal Premium	2650	808	0.379		165			-0.8
308 Win	165	10.7	Sierra GK BT HP	Federal Premium	2700	823	0.401		160	260		-0.7
308 Win	165	10.7	Trophy Bonded Tip	Federal Premium	2700	823	0.442		158	258		-0.6
308 Win	165	10.7	Fusion SP	Fusion Ammo	2700	823	0.444		157	257		-0.6
308 Win	165	10.7	Partition	Nosler Custom	2800	853	0.408		154	254		-0.6
308 Win	165	10.7	AccuBond	Nosler Trophy	2800	853	0.479		151	251		-0.5
308 Win	165	10.7	Ballistic Tip	Nosler Trophy	2800	853	0.479		151	251		-0.5
308 Win	165	10.7	Partition	Nosler Trophy	2800	853	0.414		154	254		-0.6
308 Win	168	10.9	Sierra MK BT HP	Federal Premium	2650	808	0.46		159	259		-0.6
308 Win	168	10.9	CC	Nosler Trophy	2750	838	0.466		154	254		-0.5
308 Win	168	10.9	Ballistic Silvertip	Win. Supreme	2670	814	0.474		158	258		-0.6
308 Win	168	10.9	Sierra MK BT HP	Win. Supreme	2680	817	0.453		158	258		-0.6
308 Win	170	11.0	Fusion SP	Fusion Ammo	2000	610	0.282	010				-1.1
308 Win	175	11.4	Sierra MK BT HP	Federal Premium	2600	792	0.51		160	260		-0.6
308 Win	180	11.7	Barnes MRX-Bullet	Federal Premium	2600	792	0.543		158	258		-0.5
308 Win	180	11.7	Nosler Partition	Federal Premium	2570	783	0.478		163	263		-0.6
308 Win	180	11.7	Soft Point	Federal Premium	2570	783	0.39		169			-0.9
308 Win	180	11.7	Trophy Bonded Tip	Federal Premium	2620	799	0.512		159	259		-0.5
308 Win	180	11.7	Fusion SP	Fusion Ammo	2600	792	0.501		160	260		-0.6

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at			Number Change/K Ft	
								50 U	100 U	200 U	200 Y	500 Y
308 Win	180	11.7	FMJ	Sellor & Bellot	2411	735	0.485		173			-0.7
308 Win	180	11.7	SP	Sellor & Bellot	2454	748	0.268	005	190			-0.8
308 Win	180	11.7	HPC	Sellor & Bellot	2500	762	0.604		162	262		-0.5
308 Win	180	11.7	SPCE	Sellor & Bellot	2510	765	0.318		181			-1.3
308 Win	180	11.7	Power-Point	Win. Super-X	2620	799	0.382		166			-0.8
308 Win	180	11.7	Silvertip	Win. Super-X	2620	799	0.383		166			-0.8
30TC	150	9.7	SST InterLock	Hornady Custom (disc)	3000	914	0.417		146	246		-0.6
30TC	165	10.7	SST InterLock	Hornady Custom (disc)	2850	869	0.446		151	251		-0.6
7.5x55 Swiss	180	11.7	Oryx	Norma Hunting	2493	760	0.288		188			-1.5
7.62 Russian	180	11.7	Alaska	Norma Hunting	2575	785	0.257		188			-1.7
7.62x39 (Soviet)	123	8.0	Soft Point	Federal Premium	2350	716	0.277	005				-0.9
7.62x39 (Soviet)	123	8.0	Fusion SP	Fusion Ammo	2350	716	0.295	005				-0.8
7.62x39 (Soviet)	123	8.0	A-MAX	Hornady Custom	2360	719	0.252	006				-0.9
7.62x39 (Soviet)	123	8.0	FMJ	Lapua Hunting	2345	715	0.279	005				-0.8
7.62x39 (Soviet)	123	8.0	Metal Case	Remington UMC	2365	721	0.266	005				-0.8
7.62x39 (Soviet)	123	8.0	SPEEDHEAD	Sako Ammo	2346	715	0.323	005	190			-0.7
7.62x39 (Soviet)	123	8.0	GAMEHEAD	Sako Ammo	2346	715	0.323	005	190			-0.7
7.62x39 (Soviet)	123	8.0	SP	Sellor & Bellot	2438	743	0.221	005				-1.1
7.62x39 (Soviet)	123	8.0	Soft Point	Win. Super-X	2365	721	0.244	006				-1.0
7.62x39 (Soviet)	124	8.1	FMJ BT	Fed American Eagle	2350	716	0.299	005				-0.8
7.62x39 (Soviet)	125	8.1	Core-Lokt	Remington CL	2365	721	0.267	005				-0.8
7.62x51mm (308 Win)	168	10.9	Open Tip Match	Fed American Eagle	2650	808	0.46		159	259		-0.6
7.62x53R	123	8.0	SPEEDHEAD	Sako Ammo	2953	900	0.308		155	255		-0.9
7.62x53R	123	8.0	SPEEDHEAD	Sako Ammo	2953	900	0.308		155	255		-0.9
7.62x53R	180	11.7	Super Hammerhead	Sako Ammo	2608	795	0.417	164				-0.7
7.62x53R	180	11.7	HAMMERHEAD	Sako Ammo	2608	795	0.268		183			-1.5
7.62x53R/54R	123	8.0	FMJ	Lapua Sport	2936	895	0.279		160	260		-1.0
7.62x53R/54R	185	12.0	Mega	Lapua Hunting	2510	765	0.315		182			-1.3
7.62x54R	180	11.7	FMJ	Sellor & Bellot	2579	786	0.47		163	263		-0.6
7.62x54R	180	11.7	SP	Sellor & Bellot	2625	800	0.251		186			-1.7
303 British	150	9.7	Soft Point	Federal Premium	2690	820	0.351		165			-0.9
303 British	150	9.7	SP InterLock	Hornady Custom	2685	818	0.361		164			-0.9
303 British	150	9.7	SP	Sellor & Bellot	2654	809	0.26		181			-1.5
303 British	174	11.3	Metal Case	Remington UMC	2475	754	0.315		185			-1.3
303 British	180	11.7	Soft Point	Federal Premium	2460	750	0.333		183			-1.2
303 British	180	11.7	FMJ	Sellor & Bellot	2438	743	0.547		168			-0.6
303 British	180	11.7	Power-Point	Win. Super-X	2460	750	0.369		178			-1.0
7.65 Arg	174	11.3	Soft Point	Norma Hunting	2493	760	0.262	004	190			-1.9
7.7 Jap	174	11.3	Soft point	Norma Hunting	2493	760	0.262	004	190			-1.9
32 Win Special	165	10.7	FTX	Hornady LEVERevolution	2410	735	0.359		184			-1.2
32 Win Special	170	11.0	Soft Point FN	Federal Premium	2250	686	0.235	007				-1.0
32 Win Special	170	11.0	Core-Lokt	Remington CL	2250	686	0.239	007				-1.0
32 Win Special	170	11.0	Power-Point	Win. Super-X	2250	686	0.205	008				-1.3
32-20 Win	100	6.5	Core-Lokt	Remington CL	1210	369	0.166	041				-1.9
32-20 Win	100	6.5	Lead	Win. Super-X	1210	369	0.166	041				-1.9
325 WSM	180	11.7	Ballistic Silvertip	Win. Supreme	3060	933	0.439		142	242		-0.4
325 WSM	200	13.0	XP3	Win. Supreme	2950	899	0.5		144	244		-0.4
325 WSM	200	13.0	AccuBond CT	Win. Supreme	2950	899	0.477		145	245		-0.4
325 WSM	220	14.3	Power-Point	Win. Super-X	2840	866	0.388		154	254		-0.7
325 WSM	200	13.0	AccuBond	Nosler Custom	2900	884	0.447		148	248		-0.5
325 WSM	200	13.0	AccuBond	Nosler Trophy	2900	884	0.456		148	248		-0.5
8.2x53 R	200	13.0	HAMMERHEAD	Sako Ammo	2526	770	0.268					

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at				Number Change/K Ft
								50 U	100 U	200 U	200 Y	
8X57 S (Mauser)	180	11.7	DK	RWS Ammo	2493	760	0.282		189			-1.6
8X57 S (Mauser)	181	11.8	TOG	Brenneke Ammo	2723	830	0.286		171			-1.2
8X57 S (Mauser)	187	12.1	HMK	RWS Ammo	2690	820	0.326		167			-1.0
8X57 S (Mauser)	187	12.1	HMK	RWS Ammo	2526	770	0.326		179			-1.2
8X57 S (Mauser)	196	12.7	Vulkan	Norma Hunting	2526	770	0.347		176			-1.1
8X57 S (Mauser)	196	12.7	Oryx	Norma Hunting	2526	770	0.331		178			-1.2
8X57 S (Mauser)	196	12.7	Alaska	Norma Hunting	2526	770	0.305		182			-1.3
8X57 S (Mauser)	196	12.7	Vulkan	Norma Hunting	2395	730	0.345		187			-1.2
8X57 S (Mauser)	196	12.7	Alaska	Norma Hunting	2395	730	0.305	005	190		-0.7	-1.5
8X57 S (Mauser)	196	12.7	Oryx	Norma Hunting	2395	730	0.331		189			-1.3
8X57 S (Mauser)	196	12.7	TMR	RWS Ammo	2625	800	0.288		178			-1.3
8X57 S (Mauser)	196	12.7	TMR	RWS Ammo	2313	705	0.288	006			-0.8	
8X57 S (Mauser)	196	12.7	TMR	RWS Ammo	2395	730	0.288	005	190		-0.7	-1.7
8X57 S (Mauser)	196	12.7	SP	Sellor & Bellot	2329	710	0.257	006			-0.9	
8X57 S (Mauser)	196	12.7	FMJ	Sellor & Bellot	2589	789	0.534		159	259		-0.5
8X57 S (Mauser)	196	12.7	SPCE	Sellor & Bellot	2592	790	0.289		180			-1.4
8X57 S (Mauser)	196	12.7	HPC	Sellor & Bellot	2569	783	0.402		168			-0.8
8X57 S (Mauser)	196	12.7	SPCE	Sellor & Bellot	2382	726	0.266	005			-0.8	
8X57 S (Mauser)	196	12.7	HPC	Sellor & Bellot	2487	758	0.406		173			-0.9
8X57 S (Mauser)	197	12.8	ID Classic	RWS Ammo	2625	800	0.36		168			-0.9
8X57 S (Mauser)	197	12.8	ID Classic	RWS Ammo	2461	750	0.36		179			-1.1
8X57 S (Mauser)	198	12.9	TIG	Brenneke Ammo	2625	800	0.355		168			-0.9
8X57 S (Mauser)	198	12.9	TIG	Brenneke Ammo	2461	750	0.362		179			-1.1
8X57 S (Mauser)	200	13.0	AccuBond	Nosler Custom	2475	754	0.448		171			-0.8
8X57 S (Mauser)	200	13.0	Partition	Nosler Custom	2475	754	0.423		172			-0.8
8X57 S (Mauser)	200	13.0	EVO	RWS Ammo	2395	730	0.35		186			-1.2
8X57 S (Mauser)	200	13.0	EVO	RWS Ammo	2362	720	0.35		189			-1.3
8X57 S (Mauser)	200	13.0	HAMMERHEAD	Sako Ammo	2526	770	0.268		190			-1.7
8X57 S (Mauser)	200	13.0	GAMEHEAD	Sako Ammo	2493	760	0.368		176			-1.0
8X57 S (Mauser)	200	13.0	HAMMERHEAD	Sako Ammo	2395	730	0.27	005			-0.8	
8X57 S (Mauser)	220	14.3	TOG	Brenneke Ammo	2395	730	0.409		180			-1.0
8x60 S	180	11.7	DK	RWS Ammo	2739	835	0.282		171			-1.2
8x64 S	196	12.7	SPCE	Sellor & Bellot	2658	810	0.261		181			-1.5
8x64 S	196	12.7	HPC	Sellor & Bellot	2674	815	0.334		167			-1.0
8x64 S	198	12.9	TIG	Brenneke Ammo	2782	848	0.343		160	260		-0.8
8x64 S	220	14.3	TOG	Brenneke Ammo	2559	780	0.411		168			-0.8
8x68 S	180	11.7	KS	RWS Ammo	3248	990	0.31		143	243		-0.7
8x68 S	180	11.7	DK	RWS Ammo	3100	945	0.282		152	252		-0.9
8x68 S	187	12.1	HMK	RWS Ammo	3182	970	0.326		144	244		-0.6
8x68 S	198	12.9	TIG	Brenneke Ammo	2953	900	0.357		151	251		-0.7
8x68 S	200	13.0	Swift A-Frame	Norma Hunting	2953	900	0.357		151	251		-0.7
8x68 S	200	13.0	EVO	RWS Ammo	3002	915	0.35		149	249		-0.7
8x68 S	220	14.3	TOG	Brenneke Ammo	2871	875	0.407		151	251		-0.6
8x68 S	224	14.5	KS	RWS Ammo	2854	870	0.343		156	256		-0.8
.338 Lapua	225	14.6	AccuBond	Nosler Custom	3025	922	0.546		140	240		-0.3
.338 Lapua	231	15.0	Naturalis	Lapua Hunting	3018	920	0.383		146	246		-0.6
.338 Lapua	248	16.1	Armour Piercing	Lapua Special	2970	905	0.592		141	241		-0.3
.338 Lapua	250	16.2	Sierra MK BT HP	Black Hills New	2950	899	0.587		142	242		-0.3
.338 Lapua	250	16.2	Sierra MK BT HP	Federal Premium	2950	899	0.589		142	242		-0.3
.338 Lapua	250	16.2	Ballistic TipHP	Hornady Match	2900	884	0.67		142	242		-0.3
.338 Lapua	250	16.2	Scenar	Lapua Special	2970	905	0.664		140	240		-0.3
.338 Lapua	250	16.2	Lock Base	Lapua Special	2953	900	0.64		141	241		-0.3
.338 Lapua	250	16.2	Scenar	Lapua Sport	2970	905	0.664		140	240		-0.3
.338 Lapua	250	16.2	AccuBond	Nosler Custom	2850	869	0.583		146	246		-0.4
.338 Lapua	250	16.2	Scenar	Remington CL	2960	902	0.675		140	240		-0.3
.338 Lapua	253	16.4	Incendiary	Lapua Special	2935	895	0.666		141	241		-0.3
.338 Lapua	300	19.5	Sierra MK BT HP	Black Hills New	2800	853	0.768		144	244		-0.3
.338 Lapua	300	19.5	Scenar	Lapua Special	2723	830	0.756		148	248		-0.3
.338 Norma Mag	300	19.5	Sierra MK BT HP	Black Hills (disc)	2725	831	0.768		147	247		-0.3
.338-06 A-Square	210	13.6	Partition	Weatherby	2750	838	0.4		157	257		-0.7
.338-378 Wby.	200	13.0	Accubond	Weatherby	3380	1030	0.414		133	233		-0.4
.338-378 Wby.	225	14.6	AccuBond	Nosler Custom	3250	991	0.548		133	233		-0.3

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at				Number Change/K Ft
								50 U	100 U	200 U	200 Y	
.338-378 Wby.	225	14.6	Barnes TSX	Weatherby	3180	969	0.482		137	237		-0.4
.338-378 Wby.	250	16.2	Partition	Nosler Custom	3050	930	0.47		141	241		-0.4
.338-378 Wby.	250	16.2	Partition	Weatherby	3060	933	0.473		141	241		-0.4
.340 Wby.	200	13.0	SP	Weatherby	3221	982	0.361		140	240		-0.5
.340 Wby.	200	13.0	Accubond	Weatherby	3225	983	0.414		138	238		-0.4
.340 Wby.	210	13.6	Partition	Nosler Ammo (disc)	3125	952	0.400		142	242		-0.5
.340 Wby.	210	13.6	Partition	Weatherby	3211	979	0.4		139	239		-0.5
.340 Wby.	225	14.6	AccuBond	Nosler Custom	3000	914	0.547		141	241		-0.3
.340 Wby.	225	14.6	Partition	Nosler Custom	3000	914	0.451		144	244		-0.5
.340 Wby.	225	14.6	SP	Weatherby	3066	935	0.397		144	244		-0.5
.340 Wby.	225	14.6	Barnes TSX	Weatherby	2970	905	0.386		148	248		-0.6
.340 Wby.	250	16.2	Partition	Nosler Custom	2800	853	0.472		151	251		-0.5
.340 Wby.	250	16.2	SP	Weatherby	2963	903	0.431		146	246		-0.5
.340 Wby.	250	16.2	Partition	Weatherby	2941	896	0.473		145	245		-0.4
.338 Federal	180	11.7	Nosler AccuBond	Federal Premium	2830	863	0.378		155	255		-0.7
.338 Federal	185	12.0	Soft Point	Fed American Eagle	2750	838	0.371		159	259		-0.8
.338 Federal	185	12.0	Barnes TSX	Federal Premium	2750	838	0.355		161	261		-0.8
.338 Federal	185	12.0	POWERHEAD	Sako Ammo	2690	820	0.351		165			-0.9
.338 Federal	200	13.0	Soft Point	Federal Premium	2700	823	0.401		160	260		-0.7
.338 Federal	200	13.0	Trophy Bonded Tip	Federal Premium	2630	802	0.435		162	262		-0.7
.338 Federal	200	13.0	Fusion SP	Fusion Ammo	2700	823	0.414		159	259		-0.7
.338 Federal	200	13.0	MOOSEHEAD	Sako Ammo	2625	800	0.351		169			-1.0
.338 Federal	210	13.6	Nosler Partition	Federal Premium	2630	802	0.395		164			-0.8
.338 Marlin Exp	200	13.0	FTX	Hornady LEVEvolution	2565	782	0.43		166			-0.7
.338 Marlin Express	250	16.2	Soft Point	Remington CL	2189	667	0.291	007				-0.09
.338 RCM	185	12.0	GMX	Hornady Superformance	2980	908	0.42		146	246		-0.5
.338 RCM	200	13.0	SST	Hornady Superformance	2950	899	0.455		146	246		-0.5
.338 RCM	225	14.6	SST	Hornady Superformance	2750	838	0.515		152	252		-0.5
.338 RCM	210	13.6	Nosler Partition	Federal Premium	3050	930	0.398		144	244		-0.5
.338 RUM	210	13.6	Partition	Nosler Ammo (disc)	3139	957	0.400		142	242		-0.5
.338 RUM	225	14.6	Nosler AccuBond	Federal Premium	3020	920	0.562		140	240		-0.3
.338 RUM	250	16.2	Swift A-Frame PSP	Rem Premier A	2860	872	0.427		151	251		-0.6
.338 RUM	250	16.2	Core-Lokt	Remington CL	2860	872	0.431		150	250		-0.6
.338 RUM	200	13.0	AccuBond	Nosler Custom	3150	960	0.412		140	240		-0.5
.338 RUM	225	14.6	AccuBond	Nosler Custom	2975	907	0.547		142	242		-0.4
.338 RUM	225	14.6	Partition	Nosler Custom	2975	907	0.453	045	145	245		-0.5
.338 RUM	225	14.6	AccuBond	Nosler Trophy	2975	907	0.557		142	242		-0.3
.338 RUM	250	16.2	Partition	Nosler Custom	2850	869	0.47		149	249		-0.5
.338 Win Mag	180	11.7	Nosler AccuBond	Federal Premium	3120	951	0.372		143	243		-0.5
.338 Win Mag	180	11.7	AccuBond	Nosler Custom	3100	945	0.37		144	244		-0.6
.338 Win Mag	185	12.0	GMX	Hornady Superformance	3080	939	0.42		142	242		-0.5
.338 Win Mag	200	13.0	SST	Hornady Superformance	3030	924	0.455		143	243		-0.4
.338 Win Mag	200	13.0	AccuBond	Nosler Custom	2950	899	0.412		148	248		-0.5
.338 Win Mag	200	13.0	Power-Point	Win. Super-X	2960	902	0.308		155	255		-0.9
.338 Win Mag	200	13.0	Ballistic Silvertip	Win. Supreme	2950	899	0.414		147	247		-0.5
.338 Win Mag	210	13.6	Nosler Partition	Federal Premium	2830	863	0.395		154	254		-0.6
.338 Win Mag	210	13.6	Partition	Nosler Custom	2950	899	0.397		148	248		-0.6
.338 Win Mag	215	14.0	GAMEHEAD	Sako Ammo	2822	860	0.445		151	251		-0.5
.338 Win Mag	225	14.6	Barnes TSX	Federal Premium	2800	853	0.392		155	255		-0.7
.338 Win Mag	225	14.6	Nosler AccuBond	Fed Vital-Shok (disc)	2800	853	0.537		150	250		-0.5
.338 Win Mag	225	14.6	Trophy Bonded Bear Claw	Fed Vital-Shok (disc)</								

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at				Number Change/K Ft
								50 U	100 U	200 U	200 Y	
338 Win Mag	232	15.1	Vulkan	Norma Hunting	2625	800	0.278		179			-1.4
338 Win Mag	250	16.2	Nosler Partition	Federal Premium	2660	811	0.461		159	259		-0.6
338 Win Mag	250	16.2	Partition	Nosler Custom	2600	792	0.471		162	262		-0.6
338 Win Mag	250	16.2	Core-Lokt	Remington CL	2660	811	0.431		160	260		-0.7
338 Win Mag	250	16.2	HAMMERHEAD	Sako Ammo	2657	810	0.34		168			-1.0
338-06	180	11.7	AccuBond	Nosler Custom	2950	899	0.37		150	250		-0.6
338-06	200	13.0	AccuBond	Nosler Custom	2800	853	0.412		154	254		-0.6
338-06	210	13.6	Partition	Nosler Custom	2725	831	0.397		159	259		-0.7
338-06	225	14.6	AccuBond	Nosler Custom	2600	792	0.546		158	258		-0.5
338-06	225	14.6	Partition	Nosler Custom	2600	792	0.451		163	263		-0.7
338-06	250	16.2	Partition	Nosler Custom	2475	754	0.471		169			-0.7
348 Winchester	200	13.0	Silvertip	Win. Super-X	2520	768	0.289		186			-1.5
357 Mag	180	11.7	Hollow Point	Federal Premium	1550	472	0.206	024				-21
358 Norma Mag	250	16.2	Oryx	Norma Hunting	2756	840	0.34		162	262		-0.9
35 Rem	150	9.7	Core-Lokt	Remington CL	2300	701	0.184	008				-14
35 Rem	200	13.0	FTX	Hornady LEVERevolution	2225	678	0.3	007				-08
35 Rem	200	13.0	Core-Lokt	Remington CL	2080	634	0.192	011				-17
35 Rem	200	13.0	Power-Point	Win. Super-X	2020	616	0.193	012				-19
35 Rem.	200	13.0	Soft Point RN	Federal Premium	2080	634	0.193	011				-17
35 Whelen	180	11.7	Fusion SP	Fusion Ammo	2700	823	0.314		168			-1.1
35 Whelen	200	13.0	Core-Lokt	Remington CL	2675	815	0.294		173			-1.2
35 Whelen	225	14.6	Trophy Bonded Bear Claw	Federal Premium	2600	792	0.344		171			-1.0
35 Whelen	250	16.2	Core-Lokt	Remington CL	2400	732	0.409		179			-1.0
35 Whelen	225	14.6	AccuBond	Nosler Custom	2800	853	0.418		154	254		-0.6
35 Whelen	225	14.6	Partition	Nosler Custom	2800	853	0.428		153	253		-0.6
35 Whelen	250	16.2	Partition	Nosler Custom	2550	777	0.444		166			-0.7
350 Rem Mag	200	13.0	Core-Lokt	Remington CL	2775	846	0.293		167			-1.1
350 Rem Mag	225	14.6	Partition	Nosler Custom	2550	777	0.428		167			-0.8
358 Winchester	200	13.0	Silvertip	Win. Super-X	2490	759	0.261	004	190			-07 -1.8
38-55 Winchester	255	16.6	Soft Point	Win. Super-X	1320	402	0.354	029				-09
.375 Wby.	260	16.9	AccuBond	Nosler Custom	3000	914	0.472		143	243		-0.4
.375 Wby.	300	19.5	Partition	Weatherby	2800	853	0.398		155	255		-0.7
.378 Wby.	260	16.9	AccuBond	Nosler Custom	3100	945	0.47		140	240		-0.4
.378 Wby.	270	17.5	SP	Weatherby	3180	969	0.38		141	241		-0.5
.378 Wby.	270	17.5	Barnes TSX	Weatherby	3060	933	0.326		149	249		-0.7
.378 Wby.	300	19.5	Rn-Ex	Weatherby	2925	892	0.25		165			-1.3
.378 Wby.	300	19.5	FMJ	Weatherby	2925	892	0.275		161	261		-1.1
370 Sako Mag	286	18.6	Barnes Banded Solid	Fed Cape-Shok (disc)	2550	777	0.256		190			-1.9
370 Sako Mag	286	18.6	Barnes TSX	Fed Cape-Shok (disc)	2550	777	0.479		165			-0.7
370 Sako Mag	286	18.6	Nosler Partition	Fed Cape-Shok (disc)	2550	777	0.479		165			-0.7
375 Flanged Mag NE350	22.7		Soft nose	Norma African	2200	671	0.321	007				-08
375 Flanged Mag NE350	22.7		FMJ	Norma African	2200	671	0.307	007				-08
375 H&H	250	16.2	Trophy Bonded Bear Claw	Federal Premium	2670	814	0.335		168			-1.0
375 H&H	260	16.9	Nosler AccuBond	Federal Premium	2700	823	0.465		156	256		-0.6
375 H&H	260	16.9	AccuBond	Nosler Custom	2750	838	0.471		154	254		-0.5
375 H&H	260	16.9	Partition	Nosler Custom	2750	838	0.313		165			-1.0
375 H&H	270	17.5	Soft Point	Federal Premium	2690	820	0.324		168			-1.0
375 H&H	270	17.5	SP-RP Superformance	Hornady DGS/DGX	2870	875	0.38		153	253		-0.7
375 H&H	270	17.5	SP-RP	Hornady DGS/DGX	2700	823	0.38		162	262		-0.8
375 H&H	270	17.5	Barnes Triple-Shock	Norma Hunting	2625	800	0.326		172			-1.1
375 H&H	270	17.5	Core-Lokt	Remington CL	2690	820	0.267		177			-1.4
375 H&H	270	17.5	POWERHEAD	Sako Ammo	2723	830	0.469		155	255		-0.6
375 H&H	270	17.5	RAMHEAD	Sako Ammo	2723	830	0.283		172			-1.2
375 H&H	299	19.4	VMR	RWS Ammo	2592	790	0.29		180			-1.4
375 H&H	299	19.4	KS	RWS Ammo	2592	790	0.403		166			-0.8
375 H&H	300	19.5	Nosler Partition	Federal Premium	2530	771	0.405		170			-0.8
375 H&H	300	19.5	Soft Point	Federal Premium	2530	771	0.325		179			-1.2
375 H&H	300	19.5	Trophy Bonded Bear Claw	Fed Cape-Shok (disc)	2600	792	0.346		172			-1.1
375 H&H	300	19.5	DGS Superformance	Hornady DGS/DGX	2705	824	0.275		183			-1.3
375 H&H	300	19.5	DGS	Hornady DGS/DGX	2530	771	0.275		188			-1.6
375 H&H	300	19.5	DGX Superformance	Hornady DGS/DGX	2530	771	0.275		188			-1.6
375 H&H	300	19.5	Oryx	Norma Hunting	2559	780	0.32		177			-1.2

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at				Number Change/K Ft
								50 U	100 U	200 U	200 Y	
375 H&H	300	19.5	Barnes Banded Solid	Norma Hunting	2493	760	0.307		184			-1.4
375 H&H	300	19.5	Swift A-frame	Norma Hunting	2559	780	0.325		176			-1.2
375 H&H	300	19.5	Partition	Nosler Custom	2450	747	0.396		177			-0.9
375 H&H	300	19.5	Swift A-Frame PSP	Rem Premier A	2522	769	0.35		176			-1.1
375 H&H	300	19.5	Nosler Partition	Win. Supreme	2530	771	0.398		171			-0.9
375 H&H	301	19.5	UNI Classic	RWS Ammo	2592	790	0.334		173			-1.1
375 H&H	350	22.7	Soft nose	Norma African	2300	701	0.321	006				-0.7
375 H&H	350	22.7	Full Metal Jacket	Norma African	2300	701	0.307	006				-0.7
375 H&H	260	16.9	Partition	Nosler Trophy	2750	838	0.318		165			-1.0
375 Ruger	270	17.5	SP-RP Superformance	Hornady DGS/DGX	2840	866	0.38		154	254		-0.7
375 Ruger	300	19.5	DGS Superformance	Hornady DGS/DGX	2660	811	0.275		177			-1.4
375 Ruger	300	19.5	DGX Superformance	Hornady DGS/DGX	2660	811	0.275		177			-1.4
375 RUM	270	17.5	Core-Lokt	Remington CL	2900	884	0.267		164			-1.2
375 RUM	300	19.5	Swift A-Frame PSP	Rem Premier A	2760	841	0.35		161	261		-0.8
375 RUM	260	16.9	AccuBond	Nosler Custom	2950	899	0.471		145	245		-0.4
375 RUM	260	16.9	Partition	Nosler Custom	2950	899	0.312		155	255		-0.8
375 RUM	300	19.5	Partition	Nosler Custom	2750	838	0.396		158	258		-0.7
375 Winchester	200	13.0	Power-Point	Win. Super-X	2200	671	0.214	008				-13
376 Steyr	225	14.6	SP-RP InterLock	Hornady DGS/DGX	2600	792	0.32		174			-1.1
376 Steyr	270	17.5	SP-RP InterLock	Hornady DGS/DGX	2600	792	0.38		168			-0.9
9.3x57	232	15.1	Oryx	Norma Hunting	2362	720	0.267	005				-08
9.3x57	232	15.1	Full Metal Jacket	Norma JaktMatch	2215	675	0.275	007				-09
9.3x57	285	18.5	Alaska	Norma Hunting	2067	630	0.365	008				-08
9.3x62	220	14.3	Naturalis	Lapua Hunting	2624	800	0.304		175			-1.2
9.3x62	225	14.6	DK	RWS Ammo	2625	800	0.266		182			-1.5
9.3x62	231	15.0	SPEEDHEAD	Sako Ammo	2526	770	0.381		172			-0.9
9.3x62	232	15.1	Oryx	Norma Hunting	2625	800	0.267		182			-1.5
9.3x62	232	15.1	Vulkan	Norma Hunting	2625	800	0.278		179			-1.4
9.3x62	232	15.1	Full Metal Jacket	Norma JaktMatch	2510	765	0.275		189			-1.6
9.3x62	247	16.0	KS	RWS Ammo	2625	800	0.32		172			-1.1
9.3x62	250	16.2	Swift A-frame	Norma Hunting	2625	800	0.285		178			-1.4
9.3x62	250	16.2	AccuBond	Nosler Custom	2550	777	0.49		164			-0.6
9.3x62	250	16.2	POWERHEAD	Sako Ammo	2493	760	0.426		171			-0.8
9.3x62	257	16.7	HMK	RWS Ammo	2559	780	0.372		171			-0.9
9.3x62	270	17.5	Naturalis	Lapua Hunting	2395	730	0.322		190			-1.4
9.3x62	285	18.5	Mega	Lapua Hunting	2265	690	0.333	006				-07
9.3x62	285	18.5	Oryx	Norma Hunting	2428	740	0.33		186			-1.3
9.3x62	285	18.5	Alaska	Norma Hunting	2362	720	0.365		187			-1.2
9.3x62	285	18.5	Plastic point	Norma Hunting	2362	720	0.376		186			-1.1
9.3x62	285	18.5	TMR	RWS Ammo	2280	695	0.309	006				-0.7
9.3x62	286	18.6	SP-RP	Hornady DGS/DGX	2360	719	0.4		183			-1.0
9.3x62	286	18.6	AccuBond	Nosler Custom	2450	747	0.479		171			-0.7
9.3x62	286	18.6	TWINHEAD	Sako Ammo	2362	720	0.478		177			-0.8
9.3x62	286	18.6	HAMMERHEAD	Sako Ammo	2362	720	0.313	005	190			-0.7 -1.6
9.3x62	290	18.8	EVO	RWS Ammo	2395	730	0.4		180			-1.0
9.3x62	293	19.0	TUG	Brenneke Ammo	2428	740	0.468		173			-0.8
9.3x62	293	19.0	UNI Classic	RWS Ammo	2428	740	0.465		173			-0.8
9.3x62	325	21.1	Oryx	Norma Hunting	2300	701	0.34	005				-0.7
9.3x62	247	16.0	TOG	Brenneke Ammo	2658	810	0.421		161	261		-0.7
9.3x62	285	18.5	SP	Sellor & Bellot	2280	695	0.282	006				-0.9
9.3x64	225	14.6	DK	RWS Ammo	2953	900	0.266		161	261		-1.1
9.3x64	293	19.0	TUG	Brenneke Ammo	2576	785	0.467		163	263		-0.6
9.3x64	293	19.0	UNI Classic</									

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at			Number Change/K Ft	
								50 U	100 U	200 U	200 Y	500 Y
9.3x74 R	247	16.0	KS	RWS Ammo	2461	750	0.32		185			-1.3
9.3x74 R	250	16.2	AccuBond	Nosler Custom	2550	777	0.49		164			-0.6
9.3x74 R	250	16.2	POWERHEAD	Sako Ammo	2362	720	0.425		181			-0.9
9.3x74 R	257	16.7	HMK	RWS Ammo	2461	750	0.372		178			-1.0
9.3x74 R	270	17.5	Naturalis	Lapua Hunting	2379	725	0.321	005	190		-0.6	-1.5
9.3x74 R	285	18.5	Mega	Lapua Hunting	2313	705	0.329	005				-0.7
9.3x74 R	285	18.5	Plastic point	Norma Hunting	2362	720	0.365		187			-1.2
9.3x74 R	285	18.5	Oryx	Norma Hunting	2362	720	0.33		190			-1.5
9.3x74 R	285	18.5	Alaska	Norma Hunting	2362	720	0.365		187			-1.2
9.3x74 R	285	18.5	TMR	RWS Ammo	2280	695	0.309	006				-0.7
9.3x74 R	285	18.5	SP	Sellor & Bellot	2290	698	0.311	006				-0.8
9.3x74 R	286	18.6	SP-RP	Hornady DGS/DGX	2360	719	0.4		183			-1.0
9.3x74 R	286	18.6	Partition	Nosler Custom	2300	701	0.48		182			-0.8
9.3x74 R	286	18.6	TWINHEAD	Sako Ammo	2231	680	0.479		188			-0.9
9.3x74 R	286	18.6	HAMMERHEAD	Sako Ammo	2231	680	0.313	006				-0.8
9.3x74 R	290	18.8	EVO	RWS Ammo	2297	700	0.4		189			-1.1
9.3x74 R	293	19.0	TUG	Brenneke Ammo	2280	695	0.465		185			-0.9
9.3x74 R	293	19.0	UNI Classic	RWS Ammo	2280	695	0.465		185			-0.9
404 Jeffery	400	26.0	DGX	Hornady DGS/DGX	2300	701	0.325	006				-0.7
404 Jeffery	400	26.0	DGS	Hornady DGS/DGX	2300	701	0.325	006				-0.7
404 Jeffery	450	29.2	Soft nose	Norma African	2150	655	0.365	007				-0.8
404 Jeffery	450	29.2	Full Metal Jacket	Norma African	2150	655	0.36	007				-0.7
404 Rimless	401	26.0	TMR	RWS Ammo	2313	705	0.335	005	190		-0.7	-1.4
404 Rimless	401	26.0	VM	RWS Ammo	2313	705	0.344	005	190		-0.6	-1.4
405 Win	300	19.5	SP InterLock	Hornady Custom	2200	671	0.25	008				-1.1
405 Win	300	19.5	FP InterLock	Hornady Custom	2200	671	0.25	008				-1.1
405 Win	300	19.5	Flat Point	Win. Super-X	2200	671	0.225	008				-1.2
410ga 2.5in	88	5.7	Rifled Slug HP	Win Super-X	1830	558	0.061	036				-0.69
410ga 2.5in	88	5.7	Rifled Slug	Rem Slugger	1830	558	0.063	035				-0.67
410ga 2.5in	109	7.1	Rifled Slug	Fed Power-Shock	1775	541	0.070	034				-0.60
410ga 3in	109	7.1	Rifled Slug	Win Super-X	1800	549	0.058	038				-0.71
410ga 3in	114	7.4	Rifled Slug	Brenneke Magnum	1755	535	0.049	045				-0.79
.416 Rigby	400	26.0	Barnes Banded Solid	Norma Hunting	2097	639	0.388	008				-0.7
.416 Wby.	350	22.7	Barnes TSX	Weatherby	2880	878	0.345		155	255		-0.8
.416 Wby.	400	26.0	Rn-Ex	Weatherby	2700	823	0.311		169			-1.1
.416 Wby.	400	26.0	Mono	Weatherby	2700	823	0.304		170			-1.1
416 Rem Mag	400	26.0	Swift A-Frame PSP	Rem Premier A	2400	732	0.367		184			-1.1
416 Rem Mag	400	26.0	Nosler Partition	Win. Supreme	2400	732	0.39		181			-1.0
416 Rem Mag	400	26.0	Nosler Solid	Win. Supreme	2400	732	0.263	005				-0.8
416 Rem Mag	450	29.2	Soft nose	Norma African	2150	655	0.338	007				-0.8
416 Rem Mag	450	29.2	Full Metal Jacket	Norma African	2150	655	0.325	007				-0.9
416 Rigby	400	26.0	DGX	Hornady DGS/DGX	2415	736	0.319		189			-1.4
416 Rigby	400	26.0	DGS	Hornady DGS/DGX	2415	736	0.319		189			-1.4
416 Rigby	400	26.0	Swift A-frame	Norma Hunting	2349	716	0.367		188			-1.2
416 Rigby	400	26.0	Partition	Nosler Ammo (disc)	2530	771	0.390		173			-1.0
416 Rigby	400	26.0	Nosler Partition	Win. Supreme	2370	722	0.39		183			-1.1
416 Rigby	400	26.0	Nosler Solid	Win. Supreme	2370	722	0.263	005				-0.8
416 Rigby	450	29.2	Soft nose	Norma African	2150	655	0.338	007				-0.8
416 Rigby	450	29.2	Full Metal Jacket	Norma African	2150	655	0.325	007				-0.9
416 Ruger	400	26.0	DGX	Hornady DGS/DGX	2400	732	0.319		190			-1.4
416 Ruger	400	26.0	DGS	Hornady DGS/DGX	2400	732	0.319		190			-1.4
44 Rem. Mag	240	15.6	Hollow Point	Federal Premium	1760	536	0.17	019				-0.27
44 Rem. Mag	240	15.6	Hollow Soft Point	Win. Super-X	1760	536	0.158	019				-0.28
444 Marlin	240	15.6	Core-Lokt	Remington CL	2350	716	0.146	008				-0.19
444 Marlin	265	17.2	FTX	Hornady LEVERevolution	2325	709	0.225	006				-1.1
.458 Win Mag	500	32.5	Swift A-frame	Norma Hunting	2116	645	0.361	008				-0.8
.458 Win Mag	500	32.5	Barnes Banded Solid	Norma Hunting	2067	630	0.394	008				-0.7
.460 Wby.	450	29.2	Barnes TSX	Weatherby	2660	811	0.369		165			-0.8
.460 Wby.	500	32.5	Rn-Ex	Weatherby	2600	792	0.287		180			-1.4
.460 Wby.	500	32.5	FMJ	Weatherby	2600	792	0.295		178			-1.3
450 Bushmaster	250	16.2	FTX	Hornady DGS/DGX	2200	671	0.21	008				-1.3
450 Bushmaster	250	16.2	Core-Lokt	Remington CL	2200	671	0.208	008				-1.3

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at			Number Change/K Ft	
								50 U	100 U	200 U	200 Y	500 Y
450 Bushmaster	260	16.9	AccuTip	Rem Premier AT	2180	664	0.143	009				-0.3
450 Marlin	325	21.1	FTX	Hornady LEVERevolution	2225	678	0.224	007				-1.1
450 Marlin	350	22.7	FP InterLock	Hornady Custom	2100	640	0.195	010				-1.7
450 Nitro Express	480	31.2	DGX	Hornady DGS/DGX	2150	655	0.285	008				-1.0
450 Nitro Express	480	31.2	DGS	Hornady DGS/DGX	2150	655	0.285	008				-1.0
450 Rigby Rimless	550	35.7	Soft nose	Norma African	2100	640	0.34	008				-0.8
450 Rigby Rimless	550	35.7	Full Metal Jacket	Norma African	2100	640	0.326	008				-0.9
450/400 Nit Exp	400	26.0	DGS	Hornady DGS/DGX	2050	625	0.315	009				-1.0
450/400 Nit Exp	400	26.0	DGX	Hornady DGS/DGX	2050	625	0.341	009				-0.8
45-70 Govt	300	19.5	Hollow Point	Federal Premium	1850	564	0.288	013				-1.3
45-70 Govt	300	19.5	Fusion SP	Fusion Ammo	1850	564	0.29	013				-1.3
45-70 Govt	300	19.5	Core-Lokt	Remington CL	1810	552	0.213	015				-1.9
45-70 Govt	300	19.5	Jacketed HP	Win. Super-X	1880	573	0.283	012				-1.2
45-70 Govt	300	19.5	Partition Gold	Win. Supreme	1880	573	0.214	014				-1.9
45-70 Govt	325	21.1	FTX	Hornady LEVERevolution	2050	625	0.23	010				-1.3
45-70 Govt	405	26.3	Core-Lokt	Remington CL	1330	405	0.281	030				-1.2
458 Lott	500	32.5	DGX	Hornady DGS/DGX	2300	701	0.295	006				-0.8
458 Lott	500	32.5	DGS	Hornady DGS/DGX	2300	701	0.299	006				-0.8
458 Lott	500	32.5	Soft nose	Norma African	2100	640	0.31	008				-1.0
458 Lott	500	32.5	Full Metal Jacket	Norma African	2100	640	0.31	008				-1.0
458 Win Mag	500	32.5	DGX Superformance	Hornady DGS/DGX	2140	652	0.296	008				-0.9
458 Win Mag	500	32.5	DGX Superformance	Hornady DGS/DGX	2140	652	0.295	008				-0.9
458 Win Mag	510	33.1	Soft Point	Win. Super-X	2040	622	0.274	009				-1.1
458 Win-Mag	500	32.5	Nosler Partition	Win. Supreme	2010	613	0.33	009				-1.0
458 Win-Mag	500	32.5	Nosler Solid	Win. Supreme	2010	613	0.243	011				-1.4
470 Nitro Express	500	32.5	DGX	Hornady DGS/DGX	2150	655	0.29	008				-0.9
470 Nitro Express	500	32.5	DGS	Hornady DGS/DGX	2150	655	0.29	008				-0.9
470 Nitro Express	500	32.5	Soft nose	Norma African	2100	640	0.374	008				-0.7
470 Nitro Express	500	32.5	Full Metal Jacket	Norma African	2100	640	0.37	008				-0.7
470 Nitro Express	500	32.5	Barnes Banded Solid	Federal Premium	2150	655	0.244	008				-1.1
470 Nitro Express	500	32.5	Barnes TSX	Federal Premium	2150	655	0.366	007				-0.8
470 Nitro Express	500	32.5	Swift A-Frame	Federal Premium	2150	655	0.366	007				-0.8
50 BMG	750	48.7	A-MAX	Hornady Match	2815	858	1.05		141	241		-0.2
500 Jeffery	570	37.0	Soft nose	Norma African	2200	671	0.368	006				-0.6
500 Jeffery	570	37.0	Full Metal Jacket	Norma African	2200	671	0.35	007				-0.8
500 Nitro Express	570	37.0	DGX	Hornady DGS/DGX	2150	655	0.295	008				-1.0
500 Nitro Express	570	37.0	DGS	Hornady DGS/DGX	2150	655	0.295	008				-1.0
500 Nitro Express	570	37.0	Barnes Banded Solid	Federal Premium	2100	640	0.24	009				-1.2
500 Nitro Express	570	37.0	Barnes TSX	Federal Premium	2100	640	0.36	008				-0.8
500 Nitro Express	570	37.0	Swift A-Frame	Federal Premium	2100	640	0.301	008				-1.0
500 Nitro Express 3in570	37.0		Soft nose	Norma African	2100	640	0.368	008				-0.7
500 Nitro Express 3in570	37.0		Full Metal Jacket	Norma African	2100	640	0.35	008				-0.8
500/416 NE	450	29.2	Soft nose	Norma African	2100	640	0.338	008				-0.8
500/416 NE	450	29.2	Full Metal Jacket	Norma African	2100	640	0.325	008				-0.9
505 Magnum Gibbs	600	39.0	Protected Point	Norma African	2100	640	0.36	008				-0.8
505 Magnum Gibbs	600	39.0	Full Metal Jacket	Norma African	2100	640	0.36	008				-0.8
20ga 2.75in	219	14.2	Rifled Slug	Rem Slugger HV slugs	1800	549	0.065	035				-0.65
20ga 2.75in	250	16.2	Sabot Flex	Hornady SST FTX	1799	548	0.134	020				-0.34
20ga 2.75in	260	16.9	Sabot HP Slug	Win Platinum Tip HP Slug	1700	518	0.198	019				-1.2
20ga 2.75in	260	16.9	Sabot	Win Slug	1900	579	0.199	014				-0.20
20ga 2.75in	260	16.9	Bonded Sabotot Slug	Rem Premier Accutip	1850	564	0.143	018				-0.31
20ga 2.75in	260	16.9	Ultra Bonded Sab. Slug HP	Rem Premier Core-lokt	1900	579	0.239	013				-1.6
20ga 2.75in	273	17.7										

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at			Number Change/K Ft	
								50 U	100 U	200 U	200 Y	500 Y
20ga 2.75in	383	24.9	rifled bbl Buckhammer Slugs	Rem Managed-Recoil	1275	389	0.083	048				-36
20ga 2.75in	383	24.9	Sabot HP	Fed Power-Shock	1450	442	0.138	032				-26
20ga 2.75in	385	25.0	Sabot	Lightfield Hybred Exp	1500	457	0.123	032				-31
20ga 2.75in	410	26.6	Sabot	Hastings 20 Ga. 2 3/4"	1475	450	0.110	034				-33
20ga 2.75in	438	28.4	rifled bbl slug (lead)	Rem Buckhammer	1500	457	0.072	042				-47
20ga 3.00in	385	25.0	Sabot	LightField Hybred Mag	1700	518	0.110	026				-39
20ga 3.5in	410	26.6	Sabot	Hastings 20 Ga. Super Mag	2000	610	0.139	015				-30
20ga 3in	260	16.9	Sabot	Win Slug	2000	610	0.200	012				-18
20ga 3in	260	16.9	Bonded Sabotot Slug	Rem Premier Accutip	1900	579	0.143	017				-31
20ga 3in	273	17.7	Barns Expander (Sabot)	Fed Vita-Shok	1900	579	0.185	014				-22
20ga 3in	273	17.7	Barns Expander Tip Sab.	Fed Vita-Shok	1900	579	0.205	014				-19
20ga 3in	328	21.3	Rifled Slug HP	Win Super-X	1800	549	0.059	038				-70
20ga 3in	410	26.6	Sabot	Hastings 20 Ga. 3" Mag	1600	488	0.111	030				-38
20ga 3in	437	28.4	rifled Slug	Brenneke Magnum	1476	450	0.089	038				-39
20ga 3in	438	28.4	rifled bbl slug (lead)	Rem Buckhammer	1550	472	0.089	036				-43
16ga 2.75in	350	22.7	Rifled Slug HP	Win Super-X	1600	488	0.058	045				-62
16ga 2.75in	350	22.7	Rifled Slug	Rem Slugger	1600	488	0.062	043				-58
16ga 2.75in	350	22.7	Rifled Slug	Fed Power-Shock	1600	488	0.069	040				-54
16ga 2.75in	415	26.9	Rifled Slug	Brenneke Clasic Mag	1510	460	0.069	043				-50
16ga 2.75in	437	28.4	Sabot (IDS Plus)	Lightfield Commander	1480	451	0.103	035				-35
12ga 2.75in	300	19.5	Sabot BT	Win XP3	2000	610	0.190	012				-19
12ga 2.75in	300	19.5	Sabot Flex	Hornady SST FTX	2332	711	0.122	010				-27
12ga 2.75in	328	21.3	Barns Expander Tip Sab.	Fed Vita-Shok	1900	579	0.202	014				-20
12ga 2.75in	328	21.3	Barns Expander Tip Sab.	Fed Vita-Shok	1900	579	0.166	015				-25
12ga 2.75in	383	24.9	Rifled Slug	Rem Slugger HV slugs	1800	549	0.054	040				-74
12ga 2.75in	385	25.0	Sabot	Win Slug	1900	579	0.219	013				-18
12ga 2.75in	385	25.0	Bonded Sabotot Slug	Rem Premier Accutip	1850	564	0.144	018				-31
12ga 2.75in	385	25.0	Ultra Bonded Sab. Slug HP	Rem Premier Core-lokt	1900	579	0.277	012				-13
12ga 2.75in	400	26.0	Sabot	Win Winliti	1450	442	0.224	027				-17
12ga 2.75in	400	26.0	Sabot HP Slug	Win Platinum Tip HP Slug	1700	518	0.224	018				-19
12ga 2.75in	430	27.9	Rifled Slug	Brenneke Black Magic Mag	1560	475	0.058	046				-60
12ga 2.75in	437	28.4	Rifled Slug	Brenneke K. O.	1600	488	0.067	040				-55
12ga 2.75in	437	28.4	Sabot	Brenneke K. O. Sabot	1509	460	0.086	038				-42
12ga 2.75in	438	28.4	Rifled Slug	Win Winliti	1200	366	0.060	060				-51
12ga 2.75in	438	28.4	Rifled Slug PP	Win Super-X	1700	518	0.059	041				-65
12ga 2.75in	438	28.4	Rifled Slug PP	Win Super-X	1700	518	0.050	046				-75
12ga 2.75in	438	28.4	Solid Sabotot Slug	Rem Premier Copper	1450	442	0.209	027				-18
12ga 2.75in	438	28.4	Copper Sol SS Sabot HP	Rem Managed-Recoil	1200	366	0.205	039				-16
12ga 2.75in	438	28.4	Rifled Slug	Rem Slugger	1560	475	0.067	042				-53
12ga 2.75in	438	28.4	Rifled Slug	Rem Slugger	1680	512	0.074	035				-54
12ga 2.75in	438	28.4	Rifled Slug	Rem Slugger Managed-Recoil	1200	366	0.067	057				-45
12ga 2.75in	438	28.4	Sabot HP	Fed Power-Shock	1500	457	0.188	026				-22
12ga 2.75in	438	28.4	Rifled Slug	Fed Power-Shock	1610	491	0.108	030				-39
12ga 2.75in	438	28.4	Barns Expander Tip Sab.	Fed Vita-Shok	1450	442	0.212	027				-18
12ga 2.75in	438	28.4	Barns Expander Tip Sab.	Fed Vita-Shok	1600	488	0.063	042				-58
12ga 2.75in	438	28.4	Barns Expander Tip Sab.	Fed Vita-Shok	1300	396	0.069	051				-43
12ga 2.75in	438	28.4	Barns Expander Tip Sab.	Fed Vita-Shok	1600	488	0.063	042				-58
12ga 2.75in	484	31.4	Rifled Slug (Short Mag)	Brenneke Heavy Field	1476	450	0.082	040				-42
12ga 2.75in	489	31.8	Sabot	Brenneke Super Sabot	1407	429	0.097	039				-33
12ga 2.75in	490	31.8	Rifled Slug	Brenneke Clasic Mag	1580	482	0.070	040				-52
12ga 2.75in	492	31.9	Rifled Slug HP	Win Rackmaster	1625	495	0.071	038				-54
12ga 2.75in	492	31.9	rifled bbl Buckhammer Slugs	Rem Managed-Recoil	1350	411	0.086	044				-35
12ga 2.75in	546	35.5	Sabot	Lightfield Hybred-Elite	1300	396	0.106	042				-29
12ga 2.75in	546	35.5	Sabot	Lightfield Hybred-Elite Exp	1450	442	0.107	036				-32
12ga 2.75in	547	35.5	rifled bbl slug (lead)	Rem Buckhammer	1550	472	0.124	030				-33
12ga 2.75in	547	35.5	Rifled Slug	Fed Power-Shock	1520	463	0.108	033				-35
12ga 2.75in	547	35.5	Sabot	Hastings 12 Ga. 2 3/4" Mag	1500	457	0.110	033				-34
12ga 2.75in	547	35.5	Sabot	Hastings Low Recoil	1020	311	0.063	074				-15
12ga 3.5in	465	30.2	Sabot (IDS)	Lightfield Commander	1900	579	0.109	021				-42
12ga 3.5in	600	39.0	Sabot (IDS Plus)	Lightfield Commander	1890	576	0.095	023				-49
12ga 3.75in	438	28.4	Sabot	Win Super-X	1350	411	0.093	043				-33

Cartridge	Wt. Gram	Wt. Grain	Bullet	Brand	Adv. Vel f/s	Adv. Vel m/s	BC	Drop Number Zeroed at			Number Change/K Ft	
								50 U	100 U	200 U	200 Y	500 Y
12ga 3in	300	19.5	Sabot BT	Win XP3	2100	640	0.187	010				-18
12ga 3in	328	21.3	Barns Expander Tip Sab.	Fed Vita-Shok	1900	579	0.202	014				-20
12ga 3in	383	24.9	Rifled Slug	Rem Slugger HV slugs	1875	571	0.044	046				-92
12ga 3in	385	25.0	Sabot	Win Slug	2000	610	0.218	011				-16
12ga 3in	385	25.0	Bonded Sabotot Slug	Rem Premier Accutip	1900	579	0.144	017				-30
12ga 3in	437	28.4	Sabot	Brenneke K. O. Sabot	1673	510	0.086	032				-48
12ga 3in	438	28.4	Sabot	Win Super-X	1400	427	0.093	041				-33
12ga 3in	438	28.4	Rifled Slug	Win Super-X	1760	536	0.067	035				-62
12ga 3in	438	28.4	Rifled Slug	Win Super-x	1760	536	0.068	035				-96
12ga 3in	438	28.4	Solid Sabotot Slug	Rem Premier Copper	1550	472	0.208	023				-21
12ga 3in	438	28.4	Rifled Slug	Rem Slugger	1760	536	0.074	033				-57
12ga 3in	438	28.4	Barns Expander Tip Sab.	Fed Vita-Shok	1530	466	0.213	024				-21
12ga 3in	465	30.2	Sabot (IDS)	Lightfield Commander	1800	549	0.109	023				-42
12ga 3in	489	31.8	Sabot	Brenneke Super Sabot	1526	465	0.096	035				-39
12ga 3in	492	31.9	Rifled Slug HP	Win Rackmaster	1700	518	0.071	036				-56
12ga 3in	546	35.5	Sabot	Lightfield Hybred-Elite	1730	527	0.109	026				-41
12ga 3in	547	35.5	Rifled Slug	Fed Power-Shock	1600	488	0.107	030				-39
12ga 3in	547	35.5	Sabot	Hastings 12 Ga. 3" Mag	1625	495	0.111	029				-38
12ga 3in	600	39.0	Rifled Slug	Brenneke Black Magic Mag	1502	458	0.066	044				-51
12ga 3in	600	39.0	Rifled Slug	Brenneke Gold Magnum	1502	458	0.066	044				-51
12ga 3in	600	39.0	Sabot (IDS Plus)	Lightfield Commander	1700	518	0.094	029				-45
12ga 3in	602	39.1	rifled bbl slug (lead)	Rem Buckhammer	1500	457	0.099	035				-37
10ga 3.5in	766	49.7	Rifled Slug	Fed Power-Shock	1280	390	0.097	045				-31

BCs too low for use at extended ranges

BCs to high for use at extended ranges

