



M1 GARAND SERVICE RIFLE LOAD DATA

					Starting Loads				Maximum Loads			
BULLET	WEIGHT	POWDER	DIA.	OAL	START CHG	START FPS	START PRESS.	PSI/CUP	MAX CHG	MAX FPS	MAX PRESS.	PSI/CUP
150 GR. NOS BT	150	Varget	.308"	3.250"	47.0	2,808	42,600	CUP	47.8	2,842	44,100	CUP
150 GR. NOS BT	150	BL-C(2)	.308"	3.250"	49.0	2,759	39,700	CUP	51.5	2,859	44,100	CUP
150 GR. NOS BT	150	H4895	.308"	3.250"	46.0	2,806	44,400	CUP	46.1	2,810	44,500	CUP
150 GR. NOS BT	150	IMR 4064	.308"	3.250"	47.0	2,743	49,000	PSI	48.4	2,809	52,400	PSI
150 GR. NOS BT	150	IMR 4166	.308"	3.250"	47.0	2,755	49,200	PSI	48.2	2,812	52,000	PSI
150 GR. NOS BT	150	IMR 4895	.308"	3.250"	49.0	2,856	49,400	PSI	50.5	2,915	52,200	PSI
150 GR. NOS E-TIP	150	Varget	.308"	3.300"	46.0	2,697	49,900	PSI	47.0	2,743	52,200	PSI
150 GR. NOS E-TIP	150	BL-C(2)	.308"	3.300"	50.0	2,777	51,300	PSI	50.6	2,800	52,400	PSI
150 GR. NOS E-TIP	150	H4895	.308"	3.300"	43.0	2,658	49,000	PSI	44.5	2,727	52,600	PSI
150 GR. NOS E-TIP	150	IMR 4064	.308"	3.300"	47.0	2,714	48,700	PSI	48.6	2,796	52,900	PSI
150 GR. NOS E-TIP	150	IMR 4166	.308"	3.300"	45.3	2,729	50,400	PSI	46.5	2,786	53,000	PSI
150 GR. NOS E-TIP	150	IMR 4895	.308"	3.300"	47.0	2,717	50,000	PSI	48.0	2,767	52,400	PSI
150 GR. NOS E-TIP	150	748	.308"	3.300"	48.0	2,704	48,000	PSI	50.3	2,807	52,900	PSI
155 GR. SIE HPBT	155	Varget	.308"	3.225"	48.0	2,822	44,600	CUP	48.0	2,822	44,600	CUP
155 GR. SIE HPBT	155	BL-C(2)	.308"	3.225"	49.0	2,723	38,800	CUP	52.7	2,862	44,300	CUP
155 GR. SIE HPBT	155	H4895	.308"	3.225"	46.0	2,752	41,200	CUP	49.5	2,874	44,300	CUP
155 GR. SIE HPBT	155	IMR 4064	.308"	3.225"	49.0	2,811	46,800	PSI	51.0	2,906	52,700	PSI
155 GR. SIE HPBT	155	IMR 4166	.308"	3.225"	47.4	2,743	47,800	PSI	49.1	2,834	52,500	PSI
155 GR. SIE HPBT	155	IMR 4895	.308"	3.225"	50.0	2,851	49,800	PSI	51.1	2,896	52,100	PSI
165 GR. HDY GMX	165	Varget	.308"	3.225"	44.5	2,526	46,600	PSI	46.5	2,628	53,000	PSI
165 GR. HDY GMX	165	BL-C(2)	.308"	3.225"	43.9	2,511	49,200	PSI	45.2	2,580	52,600	PSI
165 GR. HDY GMX	165	H4895	.308"	3.225"	43.4	2,595	50,300	PSI	44.7	2,641	53,000	PSI
165 GR. HDY GMX	165	IMR 4064	.308"	3.225"	44.4	2,510	44,900	PSI	46.6	2,635	52,700	PSI
165 GR. HDY GMX	165	IMR 4166	.308"	3.225"	45.0	2,607	49,700	PSI	45.9	2,657	52,400	PSI
165 GR. HDY GMX	165	IMR 4895	.308"	3.225"	44.4	2,535	45,100	PSI	46.2	2,654	52,200	PSI

					Starting Loads				Maximum Loads			
BULLET	WEIGHT	POWDER	DIA.	OAL	START CHG	START FPS	START PRESS.	PSI/CUP	MAX CHG	MAX FPS	MAX PRESS.	PSI/CUP
165 GR. SIE SPBT	165	Varget	.308"	3.300"	46.8	2,718	44,200	CUP	47.0	2,726	44,500	CUP
165 GR. SIE SPBT	165	BL-C(2)	.308"	3.300"	46.0	2,608	41,200	CUP	47.9	2,684	44,500	CUP
165 GR. SIE SPBT	165	H4895	.308"	3.300"	43.0	2,607	41,100	CUP	44.8	2,676	44,200	CUP
165 GR. SIE SPBT	165	IMR 4064	.308"	3.300"	49.0	2,752	50,400	PSI	49.7	2,782	52,100	PSI
165 GR. SIE SPBT	165	IMR 4166	.308"	3.300"	45.1	2,625	47,800	PSI	46.8	2,715	52,600	PSI
165 GR. SIE SPBT	165	IMR 4895	.308"	3.300"	49.0	2,768	50,500	PSI	49.7	2,797	52,100	PSI
168 GR. HDY HPBT	168	Varget	.308"	3.230"	47.0	2,710	42,700	CUP	48.0	2,751	44,500	CUP
168 GR. HDY HPBT	168	BL-C(2)	.308"	3.230"	46.0	2,555	39,100	CUP	48.5	2,662	44,200	CUP
168 GR. HDY HPBT	168	H4895	.308"	3.230"	43.0	2,574	41,200	CUP	44.5	2,647	44,200	CUP
168 GR. HDY HPBT	168	IMR 4064	.308"	3.230"	47.0	2,660	46,800	PSI	49.0	2,761	52,700	PSI
168 GR. HDY HPBT	168	IMR 4166	.308"	3.230"	44.7	2,610	49,200	PSI	46.1	2,678	52,900	PSI
168 GR. HDY HPBT	168	IMR 4895	.308"	3.230"	48.0	2,719	49,900	PSI	49.0	2,763	52,500	PSI
175 GR. SIE HPBT	175	Varget	.308"	3.300"	45.0	2,551	41,700	CUP	46.3	2,612	44,800	CUP
175 GR. SIE HPBT	175	BL-C(2)	.308"	3.300"	48.5	2,644	44,100	CUP	48.8	2,655	44,500	CUP
175 GR. SIE HPBT	175	H4895	.308"	3.300"	43.8	2,584	44,100	CUP	44.0	2,591	44,400	CUP
175 GR. SIE HPBT	175	IMR 4064	.308"	3.300"	46.5	2,626	52,000	PSI	46.9	2,641	52,800	PSI
175 GR. SIE HPBT	175	IMR 4166	.308"	3.300"	44.4	2,605	48,600	PSI	46.4	2,694	52,700	PSI
175 GR. SIE HPBT	175	IMR 4895	.308"	3.300"	46.0	2,619	51,600	PSI	46.2	2,628	52,100	PSI
180 GR. SIE SPBT	180	Varget	.308"	3.300"	44.0	2,533	41,900	CUP	45.0	2,576	44,500	CUP
180 GR. SIE SPBT	180	BL-C(2)	.308"	3.300"	44.0	2,456	39,200	CUP	46.6	2,560	44,400	CUP
180 GR. SIE SPBT	180	H4895	.308"	3.300"	41.0	2,427	38,100	CUP	43.8	2,543	44,000	CUP
180 GR. SIE SPBT	180	IMR 4064	.308"	3.300"	45.5	2,550	48,900	PSI	46.6	2,603	52,200	PSI
180 GR. SIE SPBT	180	IMR 4166	.308"	3.300"	45.5	2,575	50,800	PSI	46.2	2,607	52,500	PSI
180 GR. SIE SPBT	180	IMR 4895	.308"	3.300"	45.0	2,555	49,500	PSI	46.2	2,605	52,400	PSI

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