

Date	Bullet	Powder	Primer	High	Low	ES	Average	Comments
Data Current 5/5/14								
SPECIAL NOTE:								
These loads have proven safe in MY RIFLES, and the rifles I have worked with. However, this does not mean they will be safe in YOUR RIFLE. As always approach upper limits with caution. This load data is for you to use wisely and safely, always start low and work up and do not exceed nor interchange data between rifles!								
DO NOT START WITH MAXIMUM LOADS IN YOUR RIFLE----START AT LEAST 10% BELOW MAX AND WORK YOUR WAY UP WITH EXTREME CAUTION								
Because I have no control over the individual loading practices and or components used, the user of this data releases the Author, writer, designer, creator of this data from any and all liability arising out of the use of the data or information provided in this document. The Author, or creators of this data makes no representations or warranties either express or implied with the information in this data. The user of this data provided in this document assumes any and all risks associated with using said information.								
500 MDM Load Data Winchester M70 21 Inch Barrel								
To make brass for this rifle I use 375 Ultra and take it out to .500 diameter. This can be done either by Hornady die or maybe by blowing out with 18 grs or so of Bullseye. Trim to 2.80 Inches								
300 BBW#13 NonCon HP Short Nose DGBR-HP W25--Design to seat deep and use W Talon Tip in magazine								
6/30/12	300 #13 HP	96/H-4198	Fed 215	2902	2893	9	2898	Excellent Load
6/30/12	300 #13 HP	98/H-4198	Fed 215	0	0	0	2963	Test at 100 grs
335 BBW#13 NonCon HP Short Nose DGBR-HP W25--Design to seat deep and use W Talon Tip in magazine								
6/30/12	335 #13 HP	94/H-4198	Fed 215	2796	2790	6	2793	Excellent Load
6/30/12	335 #13 HP	96/H-4198	Fed 215	2870	2826	44	2846	Excellent Load
6/1/13	335 #13 HP	98/RL 7	Fed 215	2822	2815	7	2820	55393 PSI PT 2
6/1/13	335 #13 HP	100/RL 7	Fed 215	2868	2855	13	2862	57244 PSI PT 2
6/1/13	335 #13 HP	103/RL 7	Fed 215	2911	2907	4	2910	60672 PSI PT 2
335 BBW#13 NonCon--Long Nose Projection Wider Cavity designed for 50 Super Short								
335 BBW#13 HP		92/H-4198	Fed 215	2793	2786	7	2789	No Pressure Issues
335 BBW#13 HP		94/H-4198	Fed 215	2804	2798	6	2801	No Pressure Issues
335 BBW#13 HP		96/H-4198	Fed 215	2870	2861	9	2865	No Pressure Issues
350 ESP Raptor								
350 Raptor		92/RL 7	Fed 215	2691	2688	8	2686	51869 PSI--Excellent Load
350 Raptor		94/RL 7	Fed 215	2751	2747	4	2749	57729 PSI--Excellent Load
375 North Fork Cup Point--CPS								
2/9/12	375 NF-CPS	102/Benchmark	Fed 215	2584	2582	2	2583	45840 PSI
1/24/11	375 NF-CPS	95/H-322	Fed 215	2665	2659	6	2661	Pressure 48222 PSI
2/9/12	375 NF-CPS	102/IMR 8208	Fed 215	2562	2548	14	2555	
2/10/12	375 NF-CPS	105/IMR 8208	Fed 215	2602	2575	27	2589	45709 PSI
4/29/14	375 NF-CPS	104/H-4895	Fed 215	2635	2623	12	2629	48000 PSI--Oehler
				48200	47800	400	48000	
4/29/14	375 NF-CPS	107/H-4895	Fed 215	2721	2709	12	2715	53000 PSI--Oehler
				53000	52900	100	53000	

4/29/14	375 NF-CPS	109/H-4895	Fed 215	2759	2746	13	2753	54600 PSI—Oehler
				55200	54000	1200	54600	Max Case Capacity
450 North Fork Expanding CPS								
1/22/14	450 NF-CPS	102/IMR 8208	Fed 215	0	0	0	2554	60593 PSI—Exc Load
				61141	60046	1094	60593	
450 North Fork-CPS		100/RL 15	Fed 215	2340	2337	3	2338	
450 North Fork-CPS		105/RL 15	Fed 215	2434	2410	24	2422	40527 PSI
450 North Fork-CPS		98/IMR 4064	Fed 215	2344	2343	1	2344	43825 PSI
450 North Fork-CPS		98/IMR 4064	Fed 215	2390	2383	7	2387	45670 PSI
450 North Fork-CPS		95/H-322	Fed 215	2515	2494	21	2504	59058 PSI
1/22/14	450 NF-CPS	96/Benchmark	Fed 215	2465	2447	18	2456	57301 PSI
4/29/14	450 NF-CPS	102/H-4895	Fed 215	2561.5	2160.7	0.8	2561.1	59300 PSI—Oehler
				59500	59100	4000	59300	
4/29/14	450 NF-CPS	104/H-4895	Fed 215	0	0	0	2609	62400 PSI—Oehler
				0	0	0	62400	Max Safe Pressure
North Fork Flat Point Solid—FPS Old Nose Profile								
1/20/14	450 NF-FPS	102/Benchmark	Fed 215	2549	2546	3	2547	63000 PSI... Excellent
				63226	62774	451	63000	
10/25/10	450 NF-FPS	105/RL 15	Fed 215	2429	2425	4	2427	X2—RUM Brass 39585 PSI
2/8/12	450 NF-FPS	98/IMR 4064	Fed 215	2311	2295	16	2303	47426 PSI
2/8/12	450 NF-FPS	101/IMR 4064	Fed 215	2389	2351	38	2370	48789 PSI
2/8/12	450 NF-FPS	98/IMR 8208	Fed 215	2394	2391	3	2392	45000 +- Lost Data
2/8/12	450 NF-FPS	98/IMR 8208	Fed 215	2394	2391	3	2392	48065 PSI
2/8/12	450 NF-FPS	100/IMR 8208	Fed 215	2437	2427	10	2432	50570 PSI—Excellent Load
1/20/14	450 NF-FPS	104/IMR 8208	Fed 215	2523	2520	3	2521	57711 PSI... Excellent
2/9/12	450 NF-FPS	106/IMR 8208	Fed 215	2577	2561	16	2569	59504 PSI—Max Safe Load
2/8/12	450 NF-FPS	93/H-322	Fed 215	2480	2479	1	2480	???
2/8/12	450 NF-FPS	95/H-322	Fed 215	2512	2507	5	2510	64720 PSI—Max
New Nose Profile North Fork 450 FPS								
1/20/14	450 NF-FPS	104/IMR 8208	Fed 215	2523	2520	3	2521	57711 PSI... Excellent
1/22/14	450 NF-FPS	100/IMR 8208	Fed 215	2471	2458	12	2466	56239 PSI...Exc Load
				57168	55256	1915	56239	
4/29/14	450 NF-FPS	104/H-4895	Fed 215	2550	2540	10	2545	58000 PSI—Oehler
				59100	56800	2300	58000	
4/29/14	450 NF-FPS	106/H-4895	Fed 215	2594	2590	4	2592	61000 PSI—Oehler
				61200	60800	400	61000	
4/29/14	450 NF-FPS	107/H-4895	Fed 215	2627	2619	8	2623	63300 PSI—Oehler
				63300	63200	100	63300	Max Safe Pressure—Max Case Cap
450 BBW#13 Solid W26--Long Nose Profile								
12/18/12	450 #13 Solid	98/IMR 8208	Fed 215	2421	2418	3	2420	VVExc@50--54603 PSI
12/18/12	450 #13 Solid	98/IMR 8208	Fed 215	2426	2421	5	2423	VVExc@50--338 RUM Brass

12/18/12	450 #13 Solid	100/IMR 8208	Fed 215	2471	2461	10	2466	VVExc@50	
12/18/12	450 #13 Solid	102/IMR 8208	Fed 215	2504	2494	10	2499	VVExc@50	
12/18/12	450 #13 Solid	104/IMR 8208	Fed 215	2537	2529	8	2533	VVExc@50--Very Near Max Pressures	
1/22/14	450 #13 Solid	100/IMR 8208	Fed 215	2480	2465	15	2471	54692 PSI--Exc Load X4 rds	
				55160	54210	950	54692	Zero Issues, work perfectly fine	
1/22/14	450 #13 Solid	102/IMR 8208	Fed 215	2522	2516	6	2520	57675 PSI--Excellent Load	
				57958	57392	565	57675	Zero Issues, work perfectly fine	
4/25/14	450 #13 Solid	97/H-4895	Fed 215	2444	2433	11	2439	52700 PSI--Oehler	
				53300	52100	1200	52700		
4/25/14	450 #13 Solid	102/H-4895	Fed 215	2533	2530	3	2532	56300 PSI--Oehler	
				56500	56200	300	56300		
4/25/14	450 #13 Solid	104/H-4895	Fed 215	2586	2577	9	2581	59900 PSI--Oehler	
				60000	59800	200	59900		
4/26/14	450 #13 Solid	106/H-4895	Fed 215	2623	2616	7	2619	62400 PSI--Oehler	
				63200	61600	1600	62400	Max Safe Pressure	
410 BBW#13 NonCon HP--Match to 450 #13 Solid									
11/4/13	410 #13 HP	100/IMR 8208	Fed 215	2505.8	2505.1	0.7	2505.6	51097 PSI--PT 2	
				51204	50957	247	51097		
11/4/2013	410 #13 HP	104/IMR 8208	Fed 215	0	0	0	2561		
5/3/14	410#13 HP	104/IMR 8208	Fed 215	2587	2581	6	2584	52800 PSI--Oehler-Excellent Load	
				53000	52600	400	52800		
5/5/14	410#13 HP	106/IMR 8208	Fed 215	2635	2624	11	2629	56200 PSI--Oehler-Excellent Load	
				56400	56000	400	56200		
5/5/14	410#13 HP	108/IMR 8208	Fed 215	2672	2669	3	2671	58200 PSI--Oehler-Excellent Load	
				58200	58100	100	58200		
4/26/14	410 #13 HP	105/H-4895	Fed 215	2649	2634	15	2641	56500 PSI--Oehler	
				57400	55700	1700	56500	107 grs	
4/26/14	410 #13 HP	107/H-4895	Fed 215	2693	2673	20	2683	58900 PSI--Oehler	
				59200	58600	600	58900	109 grs	
4/26/14	410 #13 HP	109/H-4895	Fed 215	2719	2716	3	2718	60600 PSI--Oehler	
							60600	Max Case Capacity Exc Load	
450 gr CEB BBW #13 HP Brass NonCon HP									
2/7/12	450 #13 HP	90/H-322	Fed 215	2395	2392	3	2393	57327 PSI	
2/7/12	450 #13 HP	92/H-322	Fed 215	2444	2437	7	2440	61138 PSI	
2/7/12	450 #13 HP	96/IMR4064	Fed 215	2334	2315	19	2324	46500 PSI	
2/7/12	450 #13 HP	99/IMR 8208	Fed 215	2461	2458	3	2460	58655 PSI	
3/30/13	450 #13 HP	99/IMR 8208	Fed 215	2494	2491	3	2492	59866 PSI	
2/9/12	450 #13 HP	98/Benchmark	Fed 215	2487	2477	10	2481	61018 PSI--Max Safe Load	
1/21/14	450#13 HP	99/V-N530	Fed 215	2547	2540	7	2543	62007 PSI--Max Safe Pressure	
				62484	61530	954	62007	Excellent Load	
4/26/14	450#13 HP	96/H-4895	Fed 215	2453	2439	14	2446	54200 PSI--Oehler	

4/26/14	450#13 HP	99/H-4895	Fed 215	54800	53500	1300	54200	99 grs	
				2527	2510	17	2518	59500 PSI—Oehler	
				60100	58900	1200	59500	MAX CASE CAPACITY THIS BULLET	
475 #13 Safari Solid									
2/4/14	475#13 Solid	96/Benchmark	Fed 215	2441	2420	21	2430	60668 PSI—Exc Load	
				61105	60230	875	60668	Good PTs	
4/25/14	475 #13 Solid	95/H-4895	Fed 215	2372	2364	8	2368	53700 PSI—Oehler	
				54500	53000	1500	53700		
4/25/14	475 #13 Solid	100/H-4895	Fed 215	2491	2488	3	2490	58600 PSI—Oehler	
				59100	58000	1100	58600		
4/25/14	475 #13 Solid	102/H-4895	Fed 215	2533	2532	1	2533	62300 PSI—Oehler	
				62400	62100	300	62300	VVExcellent Load and Velocity	
5/3/14	475#13 Solid	98/IMR 8208	Fed 215	2429	2421	8	2425	54900 PSI—Oehler	
				55300	54600	700	54900	100 grs	
5/5/14	475#13 Solid	100/IMR 8208	Fed 215	2467	2466	1	2467	58100 PSI—Oehler	
				58200	58000	200	58100	Excellent Load Max Safe Pressure	
500 CEB BBW #13 Brass Solid									
2/7/12	500 BBW#13	96/IMR4064	Fed 215	2291	2288	3	2290	51940 PSI	
2/7/12	500 BBW#13	96/IMR4064	Fed 215	2289	2264	25	2277	51466 PSI	
2/7/12	500 BBW#13	96/IMR4064	Fed 215	2305	2284	21	2295	53671 PSI	
2/7/12	500 BBW#13	88/IMR 8208	Fed 215	2211	2179	32	2192	47022 PSI	
2/7/12	500 BBW#13	92/IMR 8208	Fed 215	2286	2271	15	2279	53171 PSI	
1/22/14	500 BBW#13	95/IMR 8208	Fed 215	2371	2368	3	2370	61641 PSI—MaX Safe 2014	
				61777	61505	271	61641	VVExc Load and PTs	
2/7/12	500 CEB#13	88/H-322	Fed 215	2311	2293	18	2302	58400 PSI	
2/7/12	500 CEB#13	88/H-322	Fed 215	2326	2301	25	2315	60191 PSI	
2/7/12	500 BBW#13	94/V-N140	Fed 215	2222	2211	12	2216	49416 PSI	
2/7/12	500 BBW#13	97/V-N140	Fed 215	2278	2277	1	2277	52432 PSI	
2/7/12	500 BBW#13	98/RL 15	Fed 215	0	0	0	2247	47000 PSI	
2/8/12	500 BBW#13	97/IMR 4320	Fed 215	2270	2258	12	2264	54468 PSI—Excellent Load	
2/8/12	500 BBW#13	94/Benchmark	Fed 215	2351	2340	11	2346	57118 PSI—Excellent Load	
2/8/12	500 BBW#13	96/Benchmark	Fed 215	2383	2377	6	2380	59564 PSI—Excellent Load	
2/9/12	500 BBW#13	96/Varget	Fed 215	0	0	0	2222	49510 PSI	
2/10/12	500 BBW#13	98/Varget	Fed 215	2315	2311	4	2313	56836 PSI—Max Without Case Bulge!	
1/22/14	500 #13 Solid	92/V-N530	Fed 215	2342	2337	5	2340	54171 PSI>>>ExcLoad>>>94 grs	
				54318	54024	293	54171	VVExc PTs and Load.....	
4/25/14	500 #13 Solid	92/H-4895	Fed 215	2318	2310	8	2314	50500 PSI—Oehler	
4/25/14	500 #13 Solid	94/H-4895	Fed 215	2361	2356	5	2359	61100 PSI—Oehler	
				61900	60300	1600	61100		
4/25/14	500 #13 Solid	95/H-4895	Fed 215	2390	2383	7	2387	59700 PSI—Oehler	
				60600	58900	1700	59700		
4/26/14	500 #13 Solid	96/H-4895	Fed 215	2400.7	2400	0.7	2400.3	60800 PSI—Oehler	
				60900	60700	200	60800		
4/26/14	500 #13 Solid	98/H-4895	Fed 215	2447	2439	8	2443	62500 PSI—Oehler	
				62700	62400	300	62500	VVExc Max Safe	

1/2013	450 NF CPS	102.5/RL 15	Fed 215	0	0	0	2227	Horneber Brass	
500 BBW#13 Solid									
1/2013	500 #13 Solid	99/RL 15	Fed 215	0	0	0	2222	Horneber Brass Excellent	
1/2013	500 #13 Solid	99/RL 15	Fed 215	0	0	0	2218	Horneber Brass Excellent	
1/2013	500 #13 Solid	100/RL 15	Fed 215	2222	2218	4	2220	Horneber Brass Excellent	
Conventional Bullet Loads Reduced Pressure									
5/3/14	300 Hornady	84/RL 10X	Fed 215	0	0	0	2222	27900 PSI	
				28500	27300	1200	27900		
5/3/14	300 Hornady	80/H-4198	Fed 215	2260	2191	68	2225	25800 PSI	
				25800	25700	100	25800		
5/5/14	300 Hornady	85/H-4198	Fed 215	2511	2485	26	2498	34100 PSI	
				35000	33300	1700	34100		
5/3/14	300 Hornady	80/RL 7	Fed 215	2512	2474	38	2493	38300 PSI	
				39200	37500	1700	38300		
5/3/14	350 Sierra	85/H-322	Fed 215	2134	2063	71	2098	26500 PSI	
5/3/14	385 Remington	83/H-322	Fed 215	2071	2055	15	2063	28600 PSI—Excellent Load	
				28700	28500	200	28600		
5/5/14	385 Remington	80/H-4198	Fed 215	2222	2208	14	2215	33400 PSI—Excellent Load	
				33700	33100	600	33400		
5/3/14	500 Hornady	82/H-322	Fed 215	2163	2113	50	2137	48900 PSI	
				51200	46600	4600	48900		
5/3/14	500 Hornady	92/RL 15	Fed 215	2043	2039	4	2041	37000 PSI—Very Excellent Load	
				37000	36900	100	37000		
5/3/14	500 Hornady	86/IMR 8208	Fed 215	2194	2190	4	2192	50300 PSI—Very Excellent Load	
				51000	49600	1400	50300		