

Date	Bullet	Powder	Primer	High	Low	ES	Average	Comments
Data Current		8/13/14						
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								
Powder from one keg to the next can be different, your powder may not be the same as mine! Proceed in a safe manner Drop the loads listed below and work up								
Pressures listed below, along with velocity and other factors were correct and safe in this rifle, this day, with this keg of powder, primers, case, and bullet. Change in components, even within the same Lot# can and will give different results, use this information in a safe manner and beware of the many factors involved when changing components! This information is provided to you as a guideline and I assume no liability or responsibility for it's use.								
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.								
After Working with 5 different 30/30 Winchester M94s I found that all my rifles worked well with loads up to but not exceeding 42000 PSI								
Winchester M94 30/30 16 Inch Barrel			Pressure Rifle					
100 ESP Raptor		Estimated BC as NonCon Only---.120						
8/12/14	100 Raptor HP	31/H-4198	Fed 210	2444	2423	21	2431	39133 PSI
				39630	38475	1155	39133	
8/12/14	100 Raptor	32/H-4198	Fed 210	2524	2487	36	2505	41425 PSI
				43655	40301	3354	41425	
8/12/14	100 Rap Solid	31/H-4198	Fed 210	2475	2440	35	2455	38279 PSI
				38624	37773	850	38279	
8/6/14	100 Raptor	34/H-322	Fed 210	2427	2394	33	2409	38800 PSI
				39600	38300	1300	38800	
8/6/14	100 Raptor	35/H-322	Fed 210	2470	2463	7	2466	41700 PSI
				42100	41400	700	41700	
8/13/14	100 Raptor	36/AA 2520	Fed 210	2374	2319	55	2351	36900 PSI
				37400	36300	1100	36900	
8/13/14	100 Raptor	37/AA 2520	Fed 210	2367	2350	18	2360	37300 PSI
				38000	36900	1100	37300	
8/13/14	100 Raptor	38/AA 2520	Fed 210	2452	2439	13	2444	39600 PSI
				39700	39400	300	39600	
130 ESP Raptor								
8/8/14	130 Raptor	28/H-4198	Fed 210	2207	2196	11	2201	39900 PSI
				40600	38900	1700	39900	
8/7/14	130 Raptor	34/AA 2520	Fed 210	2174	2146	28	2157	38600 PSI

				39500	37600	1900	38300		
8/8/14	130 Raptor	36/AA 2520	Fed 210	2269	2263	4	2265	42100 PSI	
				42100	41900	200	42100	Oehler	
8/12/14	130 Raptor	36/AA 2520	Fed 210	2280	2245	35	2268	42139 PSI	
								PT 2	
8/7/14	130 Raptor	31/H-322	Fed 210	2214	2167	47	2184	41000 PSI	
				42300	40200	2100	41000		
8/7/14	130 Raptor	35/WW 748	Fed 210	2155	2131	24	2140	40200 PSI	
				40800	39600	1200	40200		
8/8/14	130 Raptor	37/WW 748	Fed 210	2222	2201	21	2215	42300 PSI	
				42700	41700	1000	42300		
8/7/14	130 Raptor	33/H-4895	Fed 210	2130	2111	19	2122	36900 PSI	
				37200	36500	700	36900		
8/8/14	130 Raptor	35/H-4895	Fed 210	2290	2253	37	2272	41900 PSI	
				43100	40200	2900	41900		
Winchester M94 Wells Fargo Rifle 20 Inch Barrel				This Rifle Slow for 20 Inch Gun—100 FPS less than other guns.					
8/9/14	100 Raptor	36/H-322	Fed 210	2704	2670	34	2689	Max Load this Rifle	
8/13/14	100 Raptor	38/AA 2520	Fed 210	2546	2543	3	2545	39600 PSI—EXCELLENT LOAD	
8/9/14	130 Raptor	37/AA 2520	Fed 210	2502	2477	25	2485		
Winchester M94 Buffalo Bill Rifle 20 Inch Barrel									
8/11/14	100 Raptor	35/H-322	Fed 210	2707	2681	26	2691	41700 PSI-	
8/13/14	100 Raptor	38/AA 2520	Fed 210	2663	2643	19	2651	39600 PSI—	
8/11/14	130 Raptor	36/AA 2520	Fed 210	2476	2453	23	2467		
Winchester M94 Teddy Roosevelt Rifle 26 Inch Barrel									
8/11/14	100 Raptor	33/H-4198	Fed 210	2967	2946	21	2957		
8/11/14	100 Raptor	35/H-322	Fed 210	2852	2819	33	2834		
8/11/14	130 Raptor	36/AA 2520	Fed 210	2585	2577	8	2581		