

APPROXIMATE Burning Rate Chart

Smokeless Pistol & Rifle Powder

IMR	HERCULES	HODGDON	WINCHESTER	TCCI
	Bullseye	HP38	231	
700X	Red Dot			
	Green Dot			
	Unique			
SR7625				
	Herco	HS-6	540	
SR4756	Blue Dot	HS-7		
	2400			
		H110	296	
SR4759				
IMR-4227		H4227		
			680	T-680
IMR-4198		H4198		
	Rel 7			
		H322		IMR-8208
				BW-36
IMR-3031				
		H335		T-2202
		BL-C2		T-2208
			748	
IMR-4895		H4895		
IMR-4064				
IMR-4320				
		H380		
	Rel 19	H414	760	
IMR-4350				
		H4350		
IMR-4831				
	Rel 22			
		H450		
		H4831		
IMR-7828				
				T-5010
				T-5020
		H870		T-870
				T-5070
				T-570

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LOADING DATA FOR 7mmREMINGTON MAGNUM

All loads use the Federal #215 primer ONLY.
 Air temperature during test 98°F.

<u>Powder</u>	<u>Bullet Wt.</u>	<u>Grains</u>	<u>F.P.S.</u>	<u>C.U.P.</u>
T-870	139gr. Hornady	80.0	2950	39,200
Remington Factory Loading	150gr. Bullet		3070	49,500
T-5010	150gr. Sierra	73.5	2986	51,400
T-5020	150gr. Sierra	75.0	2723	40,500
		77.0	2767	41,600
		78.0	2802	44,000
		79.0	2812	45,800
		80.0	2844	46,400
		82.0	3057	47,700
T-5050	150gr. Sierra	75.0	2669	39,500
		77.0	2764	42,500
		79.0	2877	45,000
		80.0	2896	47,800
		81.0	2949	50,400
T-5070	150gr. Sierra	75.0	2910	40,600
		77.0	3015	43,700
		79.0	3098	46,800
		80.0	3149	48,800
		81.0	3173	49,400
T-870	150gr. Sierra	78.0	3004	46,900
T-5050	154gr. Hornady	83.0	3122	53,000
T-5010	160gr Sierra	68.5	2802	47,800
		70.5	2901	51,200
		71.5	2925	53,000
T-5020	160gr. Sierra	77.0	2775	44,500
		78.0	2786	45,200
		79.0	2823	46,100
		80.0	2824	46,800

<u>Powder</u>	<u>Bullet Wt.</u>	<u>Grains</u>	<u>F.P.S.</u>	<u>C.U.P.</u>
T-870	160gr. Sierra	78.0	3006	50,100
T-5050	160gr. Sierra	77.0 79.0	2781 2885	47,100 50,600
T-5070	160gr. Sierra	77.0 79.0	2995 3083	46,400 50,400
T-5010	162gr Horn. Match	71.5	2922	49,800
T-5020	162gr Horn. Match	80.0	2947	46,800
T-5050	162gr Horn. Match	81.0	3101	54,100
T-5010	170gr. Sierra	68.0 70.0 72.0	2662 2753 2822	43,200 46,600 49,700
T-5020	170gr. Sierra	77.0 78.0 79.0 80.0	2712 2746 2789 2811	42,900 43,100 44,800 45,300
T-5050	170gr. Sierra	75.0 77.0 79.0 80.0	2652 2731 2793 2866	42,200 45,300 46,500 50,200
T-5070	170gr. Sierra	77.0 78.0 79.0	2872 2912 2986	46,600 47,000 50,900
Remington Factory Loading 175gr. Bullet			2962	56,900
T-5010	175gr. Win. RN	72.0	2808	50,600
T-5020	175gr. Win. RN	80.0	2874	48,800
T-870	175gr. Win. RN	76.0	2879	50,100
T-5050	175gr. Win. RN	79.0	3000	56,100

All test ammunition had a cartridge overall length of 3.290".
The only primer used in this test was the Federal #215 Large
Rifle Magnum. Substitution of any other primer can give erratic
or dangerous results. Test cases were all new Remington-Peters.
The pressure barrel is from H-S Precision, and of 24" length.