



\*Recommend crimping case mouth into front cannelure groove.

\*This data is intended for use only in modern, Marlin 1895 rifles in good condition. Do not use this data in Springfield Trapdoor rifles.

\*The SAAMI MAP value for this cartridge is 28,000 psi. We shot the 1895 Marlin data to 42,000 psi.

\*Do not use Barnes' spitzer shaped bullets in tubular magazines.

◆ Indicates most accurate load

**.45-70 1895 Marlin**

**Bullet Weight:** 250 gr                      **Case Trim Length:** 2.095"                      **S.D.**            0.170  
**Bullet Style:** TSX FN                      **Primer:** Fed GM210M                      **B.C.**            0.136  
**COAL:** 2.515"                      **Barrel Length:** 24"                      **Twist Rate:** 1:20"  
**Case:** Starline

Powder	Minimum		Maximum		
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)	Load Density (%)
SR 4759	35.5	2211	38.0	2345	92
◆ VIT N120	50.0	2378	53.5	2553	98
IMR 4227	43.0	2259	46.5	2416	91
XMP 5744	43.5	2196	47.0	2344	90
H4227	43.0	2343	46.5	2507	90
AA 1680	53.5	2413	57.5	2609	96

**Bullet Weight:** 300 gr                      **Case Trim Length:** 2.095"                      **S.D.**            0.204  
**Bullet Style:** TSX FN                      **Primer:** Fed GM210M                      **B.C.**            0.163  
**COAL:** 2.515"                      **Barrel Length:** 24"                      **Twist Rate:** 1:20"  
**Case:** Starline

Powder	Minimum		Maximum		
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)	Load Density (%)
SR 4759	31.5	1944	34.0	2067	91
◆ VIT N120	44.0	2162	47.5	2301	97
IMR 4227	38.5	2002	41.5	2159	90
XMP 5744	40.0	1967	43.0	2108	91
H4227	38.5	2090	41.5	2220	89
AA 1680	47.0	2230	50.0	2314	92

## .45-70 1895 Marlin

**Bullet Weight:** 300 gr  
**Bullet Style:** Original FN  
**COAL:** 2.515"  
**Case:** Starline

**Case Trim Length:** 2.095"  
**Primer:** Fed GM210M  
**Barrel Length:** 24"  
**Twist Rate:** 1:20"

**S.D.** 0.204  
**B.C.** 0.227

Powder	Minimum		Maximum		
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)	Load Density (%)
H4198	49.5	2254	53.5	2428	94
IMR 4198	46.0	2176	49.5	2322	93
XMR 2015	54.0	2181	58.5	2351	97
RL 7	50.0	2185	54.0	2339	93
X-Terminator	59.5	2255	63.5	2377	99
AA 2230	58.0	2268	65.0	2446	99

**Bullet Weight:** 400 gr  
**Bullet Style:** Original FN  
**COAL:** 2.515"  
**Case:** Starline

**Case Trim Length:** 2.095"  
**Primer:** Fed GM210M  
**Barrel Length:** 24"  
**Twist Rate:** 1:20"

**S.D.** 0.272  
**B.C.** 0.302

Powder	Minimum		Maximum		
	Charge (grains)	Velocity (fps)	Charge (grains)	Velocity (fps)	Load Density (%)
AA 1680	39.0	1802	43.0	1949	77
H4198	42.5	1847	45.5	1981	94
IMR 4198	40.0	1821	43.0	1949	95
XMR 2015	47.5	1838	51.0	1973	100
RL 7	44.0	1829	48.0	1996	97
X-Terminator	49.5	1847	53.5	1968	98