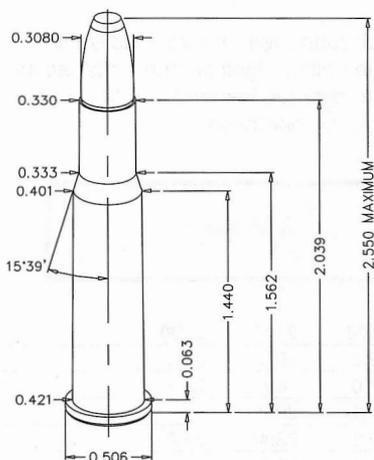


30-30 Winchester



Test Specifications/ Components

Firearm Used: Marlin 336 CS

Barrel Length: 20"

Twist: 1 x 10"

Case: R-P

Trim-to Length: 2.029"

Primer: Remington 9 1/2

Remarks:

At over 100 years of age, the 30-30 Winchester is still one of our most popular cartridges. Introduced by Winchester in May 1895, the 30-30 has become the quintessential short-range brush cartridge. The reason for this long-standing popularity is quite simple. It works. Overshadowed by faster

and more powerful cartridges, the 30-30 rarely receives much attention today — other than an occasional kick in the ribs from a critical gun writer or two. Still, the 30-30 (or 30 WCF, as it is also known) remains in the top ten in terms of ammunition, reloading die and component sales. While the 30-30 has probably been used to take every big game species in North America, its use is best restricted to deer-sized game at reasonably close ranges.

Much of the 30-30's longevity must be attributed to the rifles in which it is chambered. Light, fast-handling lever action carbines are perfectly suited to the short-range hunting conditions found in the forests and woodlots covering much of the white tail deer's natural range. The 30-30 cartridge was originally introduced in Winchester's timeless classic, the Model 94. A century later, the two are still virtually synonymous with deer hunting in the eastern, southern and mid-western United States.

Loading for the 30-30 presents no major problems, but there are a few precautions to observe. Most lever-actions (the most common action type for the 30-30 cartridge) use a tubular magazine. When loaded, the nose of one cartridge rests against the primer of the cartridge ahead of it in the magazine. This creates a situation where, under recoil, the nose of the rear cartridge can act as a firing pin against the primer of the cartridge ahead of it. This type of detonation will destroy the rifle and seriously injure the shooter. For this reason, cartridges to be used in tubular magazines must be loaded with flat-nosed bullets. Sierra has three bullets designed specifically for the 30-30 Winchester that eliminate this possibility. Trim length is also critical when loading the 30-30 since tubular magazines require the bullets to be crimped. The 30-30 is not a particularly strong case, and it is easy to buckle the case shoulder during seating and crimping. Constant neck tension can be maintained by

30-30 Winchester continued

trimming all cases to a uniform length. Each round will receive exactly the same amount of crimp as the next, aiding in uniform ignition and better accuracy. As with any crimping operation, we strongly recommend that the bullets be seated first, and crimped in another separate operation.

#2020 30-30 (.308") 125 gr. HP/FN
C.O.A.L. 2.420"



Powder†/Velocity→	2100	2200	2300	2400	2500
Viht N130	26.0	27.3	28.6	29.9	31.2
H4198	24.2	25.6	27.0	28.4	29.7
RE-7	25.9	27.0	28.1	29.3	
IMR-3031	29.8	31.0	32.2	33.4	34.6
Benchmark	28.0	29.5	31.0	32.5	34.0
H322	26.2	27.8	29.4	30.9	32.5
X-Terminator		28.2	29.8	31.4	33.0
AA-2230		29.8	31.5	33.2	34.8
748		33.5	34.9	36.3	37.6
AA-2460		29.4	31.2	33.0	34.8
TAC	29.1	30.4	31.7	33.0	34.3
IMR-4895	30.0	31.7	33.4	35.1	36.8
Viht N135	29.6	31.0	32.4	33.8	35.2
Varget	30.6	32.2	33.8	35.4	37.0
IMR-4064	31.1	32.3	33.4	34.6	35.7
XMR-4064	32.0	33.5	35.0	36.5	38.0
Energy/ft.lbs.	1224	1343	1468	1599	1735

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	Viht N135	33.8	2400	1599
Hunting Load	H322	32.5	2500	1735

INDICATES MAXIMUM LOAD – USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

30-30 Winchester continued

#2000 30-30 (.308") 150 gr. FN
C.O.A.L. 2.520"

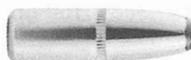


Powder! / Velocity →	1900	2000	2100	2200	2250	2300
IMR-3031	27.5	28.7	29.9	31.1		
Benchmark	26.4	27.8	29.2	30.6	31.3	32.0
H322	25.0	26.6	28.2	29.7	30.5	
X-Terminator	25.7	27.2	28.7	30.2	31.0	
AA-2230		27.3	29.1	30.9	31.8	
748	28.0	29.9	31.8	33.6		
AA-2460		27.2	29.0	30.8	31.7	
TAC	25.6	27.2	28.8	30.4	31.2	32.0
XMR-2495	27.0	28.7	30.3			
IMR-4895	28.9	30.3	31.7			
Viht N135	27.6	29.1	30.5	32.0	32.7	
Varget	28.8	30.1	31.4	32.7	33.4	34.0
IMR-4064	28.7	29.9	31.1	32.2		
XMR-4064	29.5	31.0	32.5	34.0	34.8	35.5
Viht N140	28.4	30.0	31.6	33.2	34.0	
Viht N540	28.4	30.0	31.6	33.2	34.0	
Energy/ft.lbs.	1202	1332	1469	1612	1686	1762
	Powder	Grains	Velocity	Ft. lbs.		
Accuracy Load	H322	29.7	2200	1612		
Hunting Load	AA-2230	31.8	2250	1686		



Beverly Delozier of Ashville, Pennsylvania used this 150 grain Flat Nose to take a nice six point buck during the '94 season. The buck fell to her 30-30 from a single round at 40 yards.

INDICATES MAXIMUM LOAD – USE CAUTION
LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

30-30 Winchester continued#2010 30-30 (.308") 170 gr. FN
C.O.A.L. 2.520"

Powder/Velocity →	1800	1900	2000	2100	2150
XMR-2015	24.9	26.6	28.3		
IMR-3031	25.7	26.9	28.1	29.3	29.8
Benchmark	24.9	26.5	28.1	29.7	30.5
H322	24.0	25.5	27.1	28.6	29.4
X-Terminator	24.7	26.2	27.7	29.2	30.0
AA-2230		25.7	28.2	30.7	31.9
748	26.1	28.0	29.9	31.7	
AA-2460		25.7	28.1	30.5	
TAC	25.7	27.2	28.7	30.2	31.0
XMR-2495	26.0	27.6	29.2		
IMR-4895	27.9	29.2	30.4		
Varget	27.2	28.7	30.2	31.7	32.5
IMR-4064	26.4	27.8	29.2		
XMR-4064	28.4	30.0	31.6	33.2	34.0
AA-2520		27.9	29.7	31.6	
Viht N140	27.0	28.7	30.5	32.3	
Viht N540	27.6	29.1	30.6	32.1	32.9
Energy/ft.lbs.	1223	1363	1510	1665	1745

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	XMR-4064	33.2	2100	1665
Hunting Load	H322	29.4	2150	1745

INDICATES MAXIMUM LOAD – USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.