

## 30-30 WINCHESTER

**RIFLE:** ..... Winchester M 94  
**BARREL:** .... 20", 1 in 12" Twist  
**CASE:** ..... Hornady/Frontier  
**PRIMER:** ..... Federal 210

**BULLET DIAMETER:** .... 0.308"  
**MAXIMUM C.O.L.:** ..... 2.550"  
**MAX. CASE LENGTH:** ... 2.039"  
**CASE TRIM LENGTH:** ... 2.029"

**T**he 30-30 is one of American's favorite deer calibers and has been since 1895 when it was first introduced by Winchester. The reason is simple. It has always been chambered in a fast handling, dependable, and moderately priced firearm with adequate power. For the deer hunter who hunts areas where 100-150 yards are the longest shots, the 30-30 is more than sufficient.

The 30-30 is largely found in carbine type firearms, with lever action Winchester Model 94s and Marlin Model 336s heading the list. It can also be found in a few bolt actions and is quite popular in Europe where it is found mainly in combination guns.

Hornady supplies three bullets that are designed expressly for the 30-30 and its velocities: the 170 grain Flat Point, the 150 grain Round Nose, and the 110 grain Round Nose. All bullets designed for the 30-30 have blunt, soft noses. Spire Points or Full Metal Jacketed bullets should not be fired in rifles with tubular magazines as recoil could detonate the remaining rounds in the magazine.

When reloading for lever actions, reloading dies should be set to full-length resize. Lever actions do not have the camming action of a bolt action to close on an oversized case and therefore require the cases to be sized to a greater degree for proper functioning. In our test rifle, WIN 748 gave the best results in accuracy and uniformity.

**100 GRAIN BULLETS**

SECTIONAL DENSITY: 0.151  
DIAMETER: 0.308"

**#3005 SJ (DISCONTINUED)**

B.C.: 0.152 C.O.L.: 2.435"

**VELOCITY (FPS—feet per second)**

POWDER	2200	2300	2400	2500	2600	2700
VIHT N-130	21.5 gr.	23.6 gr.	25.7 gr.	27.8 gr.	30.0 gr.	32.1 gr.
IMR 3031	31.0 gr.	32.1 gr.	33.1 gr.	34.2 gr.	35.3 gr.	
H 322	30.4 gr.	31.7 gr.	33.1 gr.	34.4 gr.		
AA 2230		30.0 gr.	32.3 gr.	34.8 gr.		
BL-C2	33.3 gr.	34.4 gr.	35.5 gr.	36.6 gr.	37.7 gr.	38.8 gr.
RL-12	35.5 gr.	36.8 gr.	38.1 gr.	39.4 gr.	40.7 gr.	
H 335	35.5 gr.	36.8 gr.	38.1 gr.	39.5 gr.	40.8 gr.	

Hornady Ballistics Tables are available at [www.hornady.com/ballistics](http://www.hornady.com/ballistics)

**110 GRAIN BULLETS**

SECTIONAL DENSITY: 0.166  
DIAMETER: 0.308"

**#3015 RN**

B.C.: 0.150 C.O.L.: 2.490"

**VELOCITY (FPS—feet per second)**

POWDER	2100	2200	2300	2400	2500	2600
VIHT N-130	21.9 gr.	23.8 gr.	25.7 gr.	27.6 gr.	29.5 gr.	31.4 gr.
RL-12	25.9 gr.	28.6 gr.	31.4 gr.			
H 322	30.9 gr.	32.1 gr.	33.2 gr.	34.4 gr.		
AA 2230	29.3 gr.	31.3 gr.	33.3 gr.			
BL-C2	32.7 gr.	33.8 gr.	35.0 gr.	36.1 gr.	37.3 gr.	
IMR 4064	33.0 gr.	34.1 gr.	35.2 gr.	36.4 gr.		
H 335	34.1 gr.	36.0 gr.	37.9 gr.			

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 indicates maximum load • use with caution

**150 GRAIN BULLETS**

SECTIONAL DENSITY: 0.226  
DIAMETER: 0.308"

**#3035 RN**

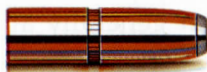
B.C.: 0.186 C.O.L.: 2.550"

**VELOCITY (FPS—feet per second)**

POWDER	1900	2000	2100	2200	2250	2300
TAC	25.2 gr.	27.3 gr.	29.3 gr.	31.4 gr.	32.4 gr.	
VIHT N-135	26.2 gr.	27.8 gr.	29.4 gr.	31.0 gr.	31.8 gr.	32.6 gr.
IMR 3031	26.6 gr.	28.2 gr.	29.8 gr.	31.4 gr.		
H 335	27.4 gr.	29.3 gr.	31.2 gr.	33.1 gr.	34.1 gr.	35.0 gr.
IMR 4064	29.3 gr.	30.8 gr.	32.3 gr.			
AA 2520	28.1 gr.	30.2 gr.	32.4 gr.	34.5 gr.		
RL-15	29.5 gr.	31.0 gr.	32.5 gr.	34.0 gr.		
WIN 748	32.0 gr.	33.7 gr.	35.4 gr.	37.1 gr.	38.0 gr.	38.9 gr.
BL-C2	33.3 gr.	34.9 gr.	36.5 gr.	38.1 gr.	38.9 gr.	

Hornady Ballistics Tables are available at [www.hornady.com/ballistics](http://www.hornady.com/ballistics)**170 GRAIN BULLETS**

SECTIONAL DENSITY: 0.256  
DIAMETER: 0.308"

**#3060 FP**

B.C.: 0.189 C.O.L.: 2.530"

**VELOCITY (FPS—feet per second)**

POWDER	1800	1900	2000	2100
VIHT N-135	24.5 gr.	26.3 gr.	28.1 gr.	29.9 gr.
TAC	24.8 gr.	26.8 gr.	28.7 gr.	30.6 gr.
IMR 3031	25.4 gr.	27.0 gr.	28.5 gr.	
RL-15	27.6 gr.	27.0 gr.	28.5 gr.	
AA 2520	27.3 gr.	29.2 gr.	31.2 gr.	33.1 gr.
IMR 4064	27.7 gr.	30.0 gr.		
H 335	29.3 gr.	30.9 gr.	32.4 gr.	34.0 gr.
BL-C2	29.9 gr.	32.1 gr.	34.3 gr.	36.4 gr.
WIN 748	31.4 gr.	33.1 gr.	34.8 gr.	36.5 gr.

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  indicates maximum load • use with caution