

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"

The 30-30 is one of American's favorite deer hunting cartridges 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.

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.

The eighth Edition is the first Hornady Handbook to offer the FTX® bullets that put LEVERevolution® ammunition on the map. FTX® bullets deliver flatter trajectories, greater down range energy, and exceptional accuracy. The 160 gr. FTX® bullet turns the 30-30 Winchester from a short range brush buster into a medium range precision hunting rifle. The FTX® bullet is designed to expand over a wide range of velocities and will deliver exceptional terminal performance even at extended ranges. **Please note:** The test barrel length for this data is 20". If you have a longer barreled rifle, we have found that muzzle velocities will increase approximately 30 fps per on inch of barrel length added.

100 GRAIN BULLETS

SECTIONAL DENSITY: 0.151
DIAMETER: 0.308"



#3005 SJ

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.		
A 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**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.		
A 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.			

Hornady Ballistics Tables are available at www.hornady.com/ballistics

 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.			
A 2520	28.1 gr.	30.2 gr.	32.4 gr.	34.5 gr.		
8208 XBR	29.1 gr.	30.5 gr.	32.0 gr.	33.5 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

 indicates maximum load • use with caution

160 GRAIN BULLETS

SECTIONAL DENSITY: 0.241
DIAMETER: 0.308"



#30395 FTX®

B.C.: 0.330 C.O.L.: 2.535"

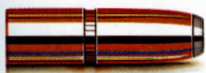
POWDER	VELOCITY (FPS—feet per second)					
	1900	2000	2050	2100	2200	2300
H 4895	26.8 gr.	27.9 gr.	28.4 gr.	28.9 gr.		
TAC	26.4 gr.	28.0 gr.	28.9 gr.	29.7 gr.		
H 335	27.1 gr.	28.5 gr.	29.2 gr.			
RL-15	28.2 gr.	29.3 gr.	29.8 gr.			
A 2520	27.9 gr.	29.8 gr.	30.7 gr.	31.7 gr.		
IMR 4895	28.2 gr.	29.8 gr.				
8208 XBR	28.1 gr.	29.3 gr.	29.9 gr.	30.6 gr.		
WIN748	29.4 gr.	30.8 gr.	31.5 gr.			
BL-C2	31.4 gr.	30.8 gr.	33.3 gr.			
LEVEREVOLUTION	27.7 gr.	30.0 gr.	31.7 gr.	32.4 gr.	34.8 gr.	37.0 gr.

Hornady Ballistics Tables are available at www.hornady.com/ballistics

 indicates maximum load • use with caution

170 GRAIN BULLETS

SECTIONAL DENSITY: 0.256
 DIAMETER: 0.308"

**#3060 FP**

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

POWDER	VELOCITY (FPS—feet per second)				
	1800	1900	2000	2100	2200
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.	29.1 gr.	30.6 gr.	32.1 gr.	
A 2520	27.3 gr.	29.2 gr.	31.2 gr.	33.1 gr.	
IMR 4064	27.7 gr.	30.0 gr.			
8208 XBR	27.1 gr.	28.6 gr.	30.1 gr.	31.6 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.	
LEVEREVOLUTION	27.7 gr.	29.9 gr.	32.1 gr.	34.3 gr.	36.5 gr.

Hornady Ballistics Tables are available at www.hornady.com/ballistics

 indicates maximum load • use with caution