

## 30-30 Winchester

|                   |                     |                             |        |
|-------------------|---------------------|-----------------------------|--------|
| Rifle: . . . . .  | Winchester M 94     | Bullet Diameter: . . . . .  | 0.308" |
| Barrel: . . . . . | 20", 1 in 12" Twist | Maximum COL: . . . . .      | 2.550" |
| Case: . . . . .   | Hornady/Frontier    | Max. Case Length: . . . . . | 2.039" |
| Primer: . . . . . | Federal 210         | Case Trim Length: . . . . . | 2.029" |

The 30-30 is one of America'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 140 grain MonoFlex® and 160 grain FTX® bullets turn the 30-30 Winchester from a short range brush buster into a medium range precision hunting rifle. These bullets are 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 one inch of barrel length added.

## 100 GRAIN BULLETS

SECTIONAL DENSITY:  
DIAMETER:0.151  
0.308"**100 gr. Short Jacket**Item No. 3005  
C.O.L.: 2.435"  
G1 B.C.: 0.152

| 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. |          |
| H322                             | 30.4 gr. | 31.7 gr. | 33.1 gr. | 34.4 gr. |          |          |
| Accurate 2230                    |          | 30.0 gr. | 32.3 gr. | 34.8 gr. |          |          |
| BL-C(2)                          | 33.3 gr. | 34.4 gr. | 35.5 gr. | 36.6 gr. | 37.7 gr. | 38.8 gr. |
| H335                             | 35.5 gr. | 36.8 gr. | 38.1 gr. | 39.5 gr. | 40.8 gr. |          |

## 110 GRAIN BULLETS

SECTIONAL DENSITY:  
DIAMETER:0.166  
0.308"**110 gr. RN** *(Discontinued)*Item No. 3015  
C.O.L.: 2.490"  
G1 B.C.: 0.150

| 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. |
| H322                             | 30.9 gr. | 32.1 gr. | 33.2 gr. | 34.4 gr. |          |          |
| Accurate 2230                    | 29.3 gr. | 31.3 gr. | 33.4 gr. |          |          |          |
| BL-C(2)                          | 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. |          |          |
| H335                             | 34.1 gr. | 36.0 gr. | 37.9 gr. |          |          |          |

## 140 GRAIN BULLETS

SECTIONAL DENSITY:  
DIAMETER:

0.211  
0.308"



### 140 gr. MonoFlex® (30-30 Win)

Item No. 30310

C.O.L.: 2.570"

G1 B.C.: 0.295

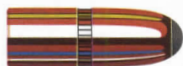
#### VELOCITY (FPS – feet per second)

| POWDER            | 2000     | 2100     | 2150     | 2200     | 2250     | 2300     |
|-------------------|----------|----------|----------|----------|----------|----------|
| IMR 8208 XBR      | 28.3 gr. | 29.6 gr. | 30.2 gr. |          |          |          |
| H4895             | 28.7 gr. | 30.1 gr. |          |          |          |          |
| LEVERevolution    | 29.1 gr. | 31.1 gr. | 32.1 gr. | 33.1 gr. | 34.1 gr. | 35.1 gr. |
| Accurate 2520     | 29.5 gr. | 31.3 gr. | 32.1 gr. | 33.0 gr. |          |          |
| WIN 748           | 30.5 gr. | 31.8 gr. | 32.5 gr. |          |          |          |
| NORMA 203 B       | 30.7 gr. | 32.4 gr. | 33.2 gr. |          |          |          |
| Alliant RL-15     | 30.9 gr. | 32.5 gr. |          |          |          |          |
| Power Pro 2000 MR | 32.6 gr. | 34.2 gr. |          |          |          |          |

## 150 GRAIN BULLETS

SECTIONAL DENSITY:  
DIAMETER:

0.226  
0.308"



### 150 gr. InterLock® RN

Item No. 3035

C.O.L.: 2.550"

G1 B.C.: 0.186

#### 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. |          |          |
| H335          | 27.4 gr. | 29.3 gr. | 31.2 gr. | 33.1 gr. | 34.1 gr. | 35.0 gr. |
| IMR 8208 XBR  | 29.1 gr. | 30.5 gr. | 32.0 gr. | 33.5 gr. |          |          |
| IMR 4064      | 29.3 gr. | 30.8 gr. | 32.3 gr. |          |          |          |
| Accurate 2520 | 28.1 gr. | 30.2 gr. | 32.4 gr. | 34.5 gr. |          |          |
| Alliant 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-C(2)       | 33.3 gr. | 34.9 gr. | 36.5 gr. | 38.1 gr. | 38.9 gr. |          |

## 160 GRAIN BULLETS

SECTIONAL DENSITY:  
DIAMETER:0.241  
0.308"

## 160 gr. FTX® (30-30 Win)

Item No. 30395

C.O.L.: 2.535"

G1 B.C.: 0.330

| POWDER         | VELOCITY (FPS – feet per second) |          |          |          |          |          |
|----------------|----------------------------------|----------|----------|----------|----------|----------|
|                | 1900                             | 2000     | 2050     | 2100     | 2200     | 2300     |
| H4895          | 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. |          |          |
| H335           | 27.1 gr.                         | 28.5 gr. | 29.2 gr. |          |          |          |
| IMR 8208 XBR   | 28.1 gr.                         | 29.3 gr. | 29.9 gr. | 30.6 gr. |          |          |
| Alliant RL-15  | 28.2 gr.                         | 29.3 gr. | 29.8 gr. |          |          |          |
| Accurate 2520  | 27.9 gr.                         | 29.8 gr. | 30.7 gr. | 31.7 gr. |          |          |
| IMR 4895       | 28.2 gr.                         | 29.8 gr. |          |          |          |          |
| LEVERevolution | 27.7 gr.                         | 30.0 gr. | 31.7 gr. | 32.4 gr. | 34.8 gr. | 37.0 gr. |
| WIN 748        | 29.4 gr.                         | 30.8 gr. | 31.5 gr. |          |          |          |
| BL-C(2)        | 30.8 gr.                         | 31.4 gr. | 33.3 gr. |          |          |          |

## 170 GRAIN BULLETS

SECTIONAL DENSITY:  
DIAMETER:0.256  
0.308"

## 170 gr. InterLock® FP

Item No. 3060

C.O.L.: 2.530"

G1 B.C.: 0.189

| 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. |          |          |
| IMR 8208 XBR   | 27.1 gr.                         | 28.6 gr. | 30.1 gr. | 31.6 gr. |          |
| Alliant RL-15  | 27.6 gr.                         | 29.1 gr. | 30.6 gr. | 32.1 gr. |          |
| Accurate 2520  | 27.3 gr.                         | 29.2 gr. | 31.2 gr. | 33.1 gr. |          |
| LEVERevolution | 27.7 gr.                         | 29.9 gr. | 32.1 gr. | 34.3 gr. | 36.5 gr. |
| IMR 4064       | 27.7 gr.                         | 30.0 gr. |          |          |          |
| H335           | 29.3 gr.                         | 30.9 gr. | 32.4 gr. | 34.0 gr. |          |
| BL-C(2)        | 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. |          |