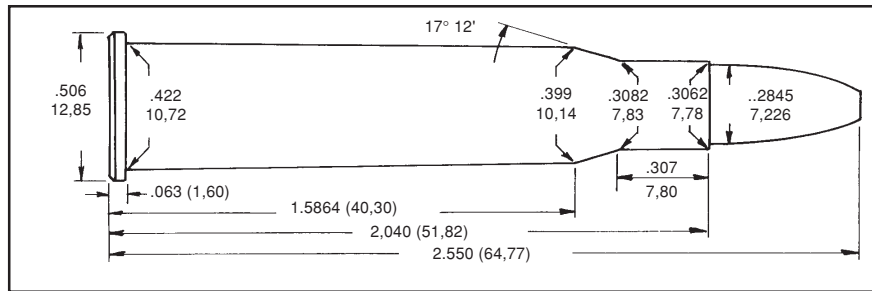


7-30 WATERS

This cartridge was developed by well known gun writer and ballistics expert Ken Waters. This is the result of his attempts to develop a flat trajectory cartridge for use in lever action rifles. By 1983 U.S. Repeating Arms Company had decided to chamber the Model 94 lever action rifle for this cartridge while Federal Cartridge Company worked out the final version of the cartridge.



The 7-30 Waters is an excellent deer and black bear cartridge at short to medium ranges. When loading for rifles with tubular magazines, flat or blunt nosed bullets must be used.

The SAAMI Maximum Average Pressure for the 7-30 Waters is 40,000 C.U.P.

7-30 WATERS				
Gun	DOUGLAS	Max Length	2.040"	
Barrel Length	24"	Trim Length	2.020"	
Primer	REM 9°	OAL Max	2.550"	
Case	REM	OAL Min	2.480"	

Bullet	START LOADS			MAXIMUM LOADS			C.U.P.	Cartridge Length	Comment
	Powder	Grains	Vel.	Powder	Grains	Vel.			
NOS 120 FN/BT	2015	29.7	2365	2015	33.0	2687	37,600	2.530"	
	2230	30.6	2328	2230	34.0	2646	38,800		
	2460	30.6	2300	2460	34.0	2614	35,800		
	2495	33.3	2372	2495	37.0	2696	35,100		
	2520	33.3	2406	2520	37.0	2734	39,400		
	4064	34.2	2398	4064	38.0	2725	38,200		
	2700	35.6	2240	2700	39.5	2546	36,300		
HDY 139 FN	2015	27.9	2115	2015	31.0	2403	38,900	2.665" *	
	2230	30.6	2237	2230	34.0	2542	40,000		
	2460	31.1	2242	2460	34.5	2548	39,300		
	2495	32.0	2210	2495	35.5	2511	38,100		
	2520	31.1	2175	2520	34.5	2472	36,000		
	4064	31.9	2228	4064	35.5	2532	39,800		
	2700	34.2	2131	2700	38.0	2422	38,200		

* Over SAAMI Maximum OAL