

.270 Winchester Short Magnum

Overview



The **270 Winchester Short Magnum** or **270 WSM** is a short, magnum cartridge created by necking down the .300 Winchester Short Magnum and fitting it with a .277 caliber bullet. The correct name for the cartridge, is 270 WSM, without a decimal point. It is a member of the Winchester Short Magnum family of cartridges.

The 270 WSM is an improvement over the older 270 Winchester providing higher velocity with bullets of the same weight, and thus a flatter trajectory and more energy. Velocities tend to be about 250 ft/s (76 m/s) faster, in a cartridge that is shorter and can therefore be used in a shorter action resulting in a more compact rifle if desired.

Its preferred use case is hunting and long range precision shooting, it has seen little to no military adoption beyond small use cases in special mission units. As such there are no armor penetrating or specialist projectiles, with only factory match and hunting loads available

Stats

Ammunition Type	Damage	Bullet Velocity (m/s)	Barrier Penetration
90gr Hollowpoint	30	1100	1.55
130gr Softpoint	35	1004	1.96
140gr Softpoint	41	990	2.1
150gr Match	44	956	1.1

Note: Barrier penetration represents the rounds ability to go through walls and barriers. Armor

piercing represents the rounds ability to penetrate body armor plates.

Range Cards

90gr Hollowpoint					130gr Softpoint					140gr Softpoint					150gr Match				
Target	Bullet				Target	Bullet				Target	Bullet				Target	Bullet			
Range (m)				1100	Range (m)				1004	Range (m)				990	Range (m)				956
100				-0.0	100				-0.0	100				-0.0	100				-0.0
150				0.1	150				-0.0	150				-0.0	150				-0.0
200				-0.0	200				-0.1	200				-0.1	200				-0.1
250				-0.1	250				-0.3	250				-0.3	250				-0.3
300				-0.3	300				-0.5	300				-0.5	300				-0.6
350				-0.5	350				-0.7	350				-0.8	350				-0.8
400				-0.7	400				-1.0	400				-1.0	400				-1.1
450				-0.9	450				-1.3	450				-1.3	450				-1.4
500				-1.2	500				-1.5	500				-1.6	500				-1.7
550				-1.4	550				-1.8	550				-1.9	550				-1.9
600				-1.7	600				-2.1	600				-2.2	600				-2.3
650				-1.9	650				-2.4	650				-2.5	650				-2.6
700				-2.2	700				-2.8	700				-2.9	700				-2.9
750				-2.5	750				-3.1	750				-3.2	750				-3.2
800				-2.7	800				-3.4	800				-3.6	800				-3.5
850				-3.0	850				-3.8	850				-3.9	850				-3.9
900				-3.3	900				-4.1	900				-4.3	900				-4.2
950				-3.6	950				-4.5	950				-4.7	950				-4.5
1000				-3.9	1000				-4.9	1000				-5.0	1000				-4.9
1050				-4.3	1050				-5.3	1050				-5.4	1050				-5.2
1100				-4.6	1100				-5.7	1100				-5.8	1100				-5.6
1150				-4.9	1150				-6.1	1150				-6.2	1150				-6.0
1200				-5.3	1200				-6.5	1200				-6.7	1200				-6.3
1250				-5.6	1250				-6.9	1250				-7.1	1250				-6.7
1300				-6.0	1300				-7.3	1300				-7.6	1300				-7.1
1350				-6.3	1350				-7.8	1350				-8.0	1350				-7.5
1400				-6.7	1400				-8.2	1400				-8.5	1400				-7.9
1450				-7.1	1450				-8.7	1450				-9.0	1450				-8.3
1500				-7.5	1500				-9.2	1500				-9.4	1500				-8.7
1550				-7.9	1550				-9.6	1550				-9.9	1550				-9.1
1600				-8.3	1600				-10.1	1600				-10.5	1600				-9.5
1650				-8.7	1650				-10.7	1650				-11.0	1650				-10.0
1700				-9.2	1700				-11.2	1700				-11.5	1700				-10.4
1750				-9.6	1750				-11.7	1750				-12.1	1750				-10.8
1800				-10.1	1800				-12.3	1800				-12.6	1800				-11.3
1850				-10.6	1850				-12.8	1850				-13.2	1850				-11.7
1900				-11.0	1900				-13.4	1900				-13.8	1900				-12.2
1950				-11.5	1950				-14.0	1950				-14.4	1950				-12.7
2000				-12.0	2000				-14.6	2000				-15.0	2000				-13.1
2050				-12.6	2050				-15.2	2050				-15.7	2050				-13.6
2100				-13.1	2100				-15.9	2100				-16.3	2100				-14.1
2150				-13.6	2150				-16.5	2150				-17.0	2150				-14.6
2200				-14.2	2200				-17.2	2200				-17.7	2200				-15.1
2250				-14.8	2250				-17.9	2250				-18.4	2250				-15.6
2300				-15.3	2300				-18.6	2300				-19.1	2300				-16.1
2350				-15.9	2350				-19.3	2350				-19.9	2350				-16.7
2400				-16.6	2400				-20.0	2400				-20.6	2400				-17.2
2450				-17.2	2450				-20.8	2450				-21.4	2450				-17.7
2500				-17.8	2500				-21.6	2500				-22.2	2500				-18.3
2550				-18.5	2550				-22.4	2550				-23.0	2550				-18.9

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