



Check us out on Facebook @ Wisconsin Force

September 15, 2016

Upcoming Events

[Gun Show - Support Wisconsin FORCE](#)

September 17, 2016

[HPR - Beloit - 100 Yard Reduced 50 Rd NMC - League](#)

September 18, 2016

[Lodi - F-Class Nationals](#)

September 23, 2016

[HPR - Eau Claire - 4-Gun 600 Yd Mid-Range](#)

September 24, 2016

[HPR - Eau Claire - 80 Shot NMC](#)

September 25, 2016

[HPR - Beloit - 100 Yard Reduced 50 Rd NMC](#)

September 25, 2016

[HPR - Beloit - 100 Yard Reduced 50 Rd NMC](#)

October 2, 2016

[HPR - Racine - Navy Anniversary CMP GSM & Sniper Match](#)

October 8, 2016

[HPR - Beloit - CMP Matches](#)

October 9, 2016

See

<https://wisconsinforce.org/events>

For more events

[La Crosse Rifle Club, Inc.](#)

The La Crosse Rifle Club was first incorporated in 1931 in La Crosse, Wisconsin and eventually moved in 1957 to its present location at W4844 Chipmunk Coulee, Stoddard, WI. Club bylaws specifically list education and training of citizens in the safe and responsible use of small arms as a goal of the club as well as providing an environment for social interaction by those interested in all varieties of the shooting sports. The club is also committed to encouraging participation in the shooting sports by members and non-members alike.

Three to four rifle matches sanctioned by the National Rifle Association and Wisconsin Force are held at the club each year. Participants shoot at official match targets at distances of 200, 300, and 600 yards. These matches are well attended with 60 to 80 competitors at each match. The La Crosse Rifle Club is affiliated with the Civilian Marksmanship Program (CMP) which is a national organization dedicated to training and educating U. S. citizens in the responsible use of firearms through safety training, marksmanship training, and competitions.

The La Crosse Rifle Club sponsors and supports a Junior Rifle Team that is open to youth between the ages of 12 and 18 years; both members and non-members can

participate. The main focus is precision rifle shooting and competing in service rifle competitions. Juniors learn the discipline of shooting from the standing, sitting and prone positions at targets ranging from 200-600 yards. Those in the program compete at local, state and national rifle competitions including the 'Superbowl' of shooting which is the National Rifle Matches at Camp Perry, Ohio. Our team is associated with the Wisconsin State CMP junior program. The members of the junior rifle team help with range improvements as well as fundraising, Hunter's Sight-In and the La Crosse Rifle Club Hunter Safety Education program. To date, the LRC Junior Rifle Team has received over \$15,000 worth of shooting equipment through grants from the NRA Foundation and donations from commercial sponsors like Vortex Optics, Brux Barrels, Nosler Bullets, Hodgdon Powder, Rock River Arms and Champion Shooting Supply. Due to the demanding nature of our sport, the youth that participate in our program have become very dedicated and disciplined shooters. They work very hard and conduct themselves as sportsmen on and off the rifle range. The La Crosse Rifle Club has provided its members and guests the opportunity to shoot sporting clays on three different walk through courses for the past 18 years. The club's hillside terrain allows a variety of unique target presentations that would otherwise not be possible. The courses are open 3 days per week unless another shooting event is in progress; Sundays at 8:00 and 11:00 a.m., Monday evening at 6:00 p.m. and Tuesday morning at 8:00 a.m. The three courses incorporate nine remote controlled automatic traps and a number of manual traps. While the courses are challenging they are set to accommodate recreational shooters. All labor needed to operate the course is provided by a group of dedicated volunteers from the club. Each year we set aside two days for our "Hunters Sight-in". On this weekend (usually the first weekend in November) the La Crosse Rifle Club is opened to the public so hunters can make sure that the firearm they are planning to use for deer hunting operates safely and is properly sighted-in. Those who are sighting in rifles have a bench available for their use and targets at 50, 100, 200, and 300 yards. Club members with expertise in long range shooting are available with spotting scopes to assist those who are sighting in rifles and provide coaching on safety and technique. There are also one or two certified gunsmiths present for the purpose of assisting with any firearm malfunction and to ensure that those firearms are operating safely. The on-site gunsmith services are provided at no extra charge to the guests on the range.

There are one to two Wisconsin Department of Natural Resources sanctioned Hunter Safety Education courses conducted per year by the La Crosse Rifle Club. Classes are conducted in the clubhouse with the entire range utilized on test day. A group of club members who are DNR Certified Instructors run the classes with about 25 students in each class. Classes are composed for the most part of youth between the ages of 11 and 15 years of age.

In conjunction with the Wisconsin Force and the NRA, annually in June the club is used by recruiters from the United States Marine Corps with NRA rifle instructors to provide a one-day familiarization course with the M-16/M-4 service rifle for Poolees. A poolee is an individual who has signed on to join the U.S. Marine Corps but has not

yet left for boot camp training. Typically, there are 20 to 30 Marine Corps recruits who participate in this event each year. On the day of this event, the entire range is closed to members and is utilized only by the Marine Corps Poolee Rifle Program. Feedback from several sources reports that this program is very effective in helping the recruits to be more successful in rifle training in Marine Corps boot camp.

Each year, several classes are conducted to certify law-abiding citizens in training to obtain a concealed carry permit. Classes that meet the training requirements for Wisconsin, Minnesota, Florida, and Arizona concealed carry permits are offered to the public in the La Crosse area. Those who join the classes learn basic firearms safety, how firearms and ammunition operate, the specific concealed carry laws for the relevant state as well as self-defense law, safe techniques of concealed carry of a handgun, and conflict avoidance.

Annually an NRA Basic Pistol class is conducted for women at the La Crosse Rifle Club by club members who are NRA Certified Pistol Instructors. This class is a non-profit venture and is open to women in the community desiring familiarization and training in the safe and responsible use of handguns. Those participating in the class pay a fee that is used to purchase ammunition for the class to use during the live fire component on the range. A large variety of handguns owned by club members are available for students to shoot on the range. Many of the women who participate in this class are considering first time purchase of a handgun and are seeking training before purchase. On average the class is made up of about 20 women each year and they shoot an average total of 4000 to 6000 rounds of ammunition on range day. The La Crosse Rifle Club regularly sponsors courses to train new NRA Certified Instructors in a variety of disciplines including shotgun, pistol, rifle, personal defense in the home, and personal defense outside the home. This produces more certified instructors in the shooting sports that are qualified to train others in the safe and responsible use of firearms as well as offering entry to a variety of shooting sports that are available.

Annually the Wisconsin Professional Police Association (WPPA) conducts a bullseye pistol competition for active and retired law enforcement professionals. Each year the La Crosse Rifle Club offers the range for this competition; on two occasions the club has been selected to conduct the WPPA Pistol Match. When the match is held at the La Crosse Rifle Club, club members have added other side matches similar to USPSA (United States Practical Shooting Association) pistol competitions as well as long range rifle target competitions for the participants in the WPPA match.

As indicated by the listing of activities at the La Crosse Rifle Club that are open to members of the La Crosse area community, the club is committed to promoting the safe and responsible use of firearms by law abiding citizens as well as offering several types of shooting sports for participation by individuals in the community.

2016

Wisconsin Department of Natural Recourse

Hunting Regulations Changes

With the up and coming hunting season starting soon. Here are some of the regulation changes to help you get prepared.

New for Small Game Hunting

- The possession limit for game birds and small game mammals is three times the daily bag limit. See pages 11 and 16.
- Opening day shooting hours for pheasant, bobwhite quail, Hungarian partridge and South Zone cottontail rabbits begin at 9 AM.
- Fall turkey hunting season will be extended. See page 16. —In Zones 1 through 5, it will run from the Saturday nearest September 15 through December 31 (Sept. 17–Dec. 31 in 2016). —In Zones 6 & 7, it will run from the Saturday nearest September 15 through the Friday before gun deer season (Sept. 17–Nov. 18. in 2016).
- Attaching a tag immediately after kill is no longer required for wild turkeys or sharp-tailed grouse. However, no person may leave a wild turkey or sharp-tailed grouse carcass unless the validated carcass tag has been attached to it. If you leave it, tag it.
- The legal definition of flashlight has changed following the passage of Act 249. See flashlight entry below in “Definitions for the Purpose of this Pamphlet.”

New in Spring 2017

- Spring turkey season will begin on the third Wednesday in April instead of the Wednesday nearest April 13 (April 19 in 2017).

New for Deer Hunting in 2016: Tags, Licenses and Permits

- The new Go Wild license system (GoWild.Wi.Gov) offers hunters greater flexibility to purchase and display licenses. Please note the following changes in tagging materials and procedures. -Carcass tags will be printed on regular white paper. -Carcass tags are now validated immediately after the kill by writing on them. -The carcass tag no longer must be attached immediately after the kill. However, the carcass tag must be attached if the carcass is left unattended. If you leave it, tag it! -While afield, it is illegal to possess more than one copy of a carcass tag.
- Backtags are no longer required to be worn/displayed, and will not be issued by the department.

- Youth hunters must specify the land type (public-access or private) for the Junior Antlerless Deer Tag included in the purchase of each Junior License. These tags are valid statewide except for Ashland, Forest and Sawyer counties.
- Junior Antlerless Deer Tags issued with the purchase of Junior Licenses may not be used for group bagging.
 - The number of Farmland (Zone 2) Antlerless Deer Tags offered with each deer hunting license varies from zero to 3 based on Deer Management Unit (DMU). Visit dnr.wi.gov and search “antlerless tags.”
- For counties offering multiple tags, a different land type may be chosen for each tag; however, all tags must be within the same DMU. Seasons
 - The antlerless-only Holiday Hunt will be held December 24, 2016, through January 1, 2017 in select DMUs. See page 23 for more information. Additional
- Forest, Oneida and Vilas counties are now closed to baiting and feeding deer.
- Blaze/fluorescent pink clothing may be worn in place of blaze/fluorescent orange clothing during firearm deer seasons.



2016 Wisconsin FORCE Junior Raffles

All Proceeds support

the Wisconsin FORCE Juniors Winchester Model 1885 EXCLUSIVE TO THE MIDWAYUSA FOUNDATION 1885 Single Shot was the first and perhaps greatest of all the John Moses Browning designs. 243 Centerfire Drawing held Wisconsin FORCE Gun Show Sat. **Sept. 17, 2016, 3 p.m. Outagamie County Fairgrounds/Seymour Speedway, N 637 Main St., Seymour, WI 54165 \$10 each - 3/\$20 Only 300 Tickets will be sold! ALL FEDERAL AND STATE LAWS APPLY to ALL RAFFLES – NEED NOT BE PRESENT TO WIN!**

Wisconsin FORCE GUN SHOW

September 17, 2016. Outagamie County Fairgrounds/Seymour Speedway
N627 Main St., Seymour, WI 54165
Show Hours: Sat. 8 a.m. to 4 p.m. Admission: \$5
Food & Beverages on premises

Fact or Fiction: Gunpowder Temperature Sensitivity

by Joseph von Benedikt | August 20th, 2014



http://www.rifleshooter.com/files/2014/08/Gunpowder_01.jpgIt was hot, July-in-Utah hot. I chambered one of the special handloads I'd developed six months earlier and shot at my 400-yard gong. I missed. Worse, when I opened my action, smoke poured out of it and a loose, soot-blackened primer fell out of the base of the empty cartridge case.

I'd developed that handload in 20-degrees Fahrenheit. Clearly, the heat had caused a pressure spike.

Heat can not only turn apparently safe handloads into dangerously hot handloads, but — legend has it — it also affects velocities and can cause shots to go awry.

Some gunpowder has the reputation of being particularly susceptible to variations in temperature. **Alliant's** Reloder line is one, for example. Others, such as **Hodgdon's Extreme** line, are purposely designed to be stable in extremes of heat and cold.

Trouble is, many propellants with a reputation for instability in extreme temperatures are very good powders that make assembling accurate hand loads easy. **Reloder 22**, for instance, is my all-time favorite powder for magnum rifle cartridges because it is quite easy to get it to shoot well.

The question we're tackling here is threefold:

1. Is gunpowder sensitive to temperature swings?
2. Are some propellants more temperature sensitive than others?
3. If so, are the velocity variations caused by extremes in temperature enough to change point of impact at hunting ranges and cause a miss on an animal?

First, let's establish what "hunting ranges" means. Most hunters have no business shooting at game past 300 yards, but we'll give ourselves the benefit of the doubt and make 400 yards the outside parameter of our standard, common, hunting-range category.

But what about all the long-range shooters out there now that consider connecting on a deer at very long distances to be the greatest "trophy" of the hunt? To them, 400 yards is close. So if temperature-induced velocity variation does indeed occur, let's also examine the effect on point of impact at 800 yards — double our typical "long" distance.

To test whether temperature-induced velocity anomalies are *fact or fiction*, I loaded 10 rounds each for the **7mm Remington Magnum**, a popular **long-range hunting** cartridge. I used **Nosler's** 160-grain AccuBond and two propellants, Hodgdon's H-1000 — which has a reputation for stability in temperature extremes — and my old standby, Reloder 22 — which has a reputation for volatility in temperature extremes.

Each batch was loaded with charge weights near maximum but previously proved to be safe in that particular rifle.

Half of each batch I put in the freezer overnight. The next morning, I set the ammo box on the dash of my truck and let it sit in the August sun until after lunch, by which point the interior of my pickup was stiflingly hot. Thus prepared, I loaded up my chronograph and rifle, put the frozen ammunition in a small cooler with several ice packs and headed to the range.

Ideally, I'd have frozen the rifle between each cold-round shot, but, unfortunately, the range doesn't have a deep freeze, and I wouldn't have had time if it had. To minimize the effect of a warm chamber, I attempted to send each shot through the chronograph screens within three to five seconds after dunking the cartridge into the action. I also allowed the rifle to cool — as much as it would on a 95-degree day — between five-shot strings.

With frozen-ammo velocities in the bag, I then shot the ammo still cooking on the dashboard of my pickup. The cartridges were hot to the point of being uncomfortable to hold.

The result? The answer to the first of our threefold question is yes: Temperature extremes do affect velocity. Both propellant types shot significantly higher velocities with the hot ammunition.

The answer to the second question is also yes: The disparity was much less with one propellant brand/type than with the other. Specifically, H-1000 had 44 fps disparity between temperature extremes; RL-22 had 130 fps disparity. The difference between propellant types — 86 fps — was significant.

Here's a breakdown of the results with each gunpowder type:

Hodgdon H-1000	Frozen	Hot	Difference
Velocity (fps)	2,892	2,936	44
Extreme Spread	70	12	
Standard Deviation	25	5	

Alliant RL-22	Frozen	Hot	Difference
Velocity (fps)	2,972	3,102	130
Extreme Spread	34	6	
Standard Deviation	14	2	

As an aside, an effect I didn't foresee was that hot ammunition — at least in this case — is more consistent than cold ammo. Take note of the far tighter extreme spreads and standard deviations.

To answer the last of our threefold question (is temperature-induced variation enough to cause a miss at hunting ranges) we need to run some ballistic calculations. Keeping things very simple, I used the calculator on [Hornady's](#) website and plugged in the appropriate numbers. Here's what I found:

With RL-22 powder and a 200-yard zero, the 160-grain Nosler AccuBond (B.C. .531) will drop 18.8 inches at 400 yards with the frozen ammo and 17.1 inches with the hot ammo. The difference is less than two inches. With H-1000 the difference is less than one inch. So the answer is no: When using a temperature-sensitive propellant, even extreme swings in temperature won't cause enough disparity in point of impact to make us miss a game animal.

How about for long-range shooters that really stretch the distance? Let's double the distance and run the numbers:

Again with RL-22, the projectile drops 144.5 inches with the frozen ammo and 131.2 inches with the hot ammo. The difference is 13.3 inches, which is certainly enough to cause a complete miss on a deer-size animal, and a miss — or worse, a wound — on an elk-size animal. Clearly, as distances stretch, temperature sensitivity becomes far more critical.

Let's look at H-1000: At 800 yards, the bullet drops 153.8 inches with the frozen ammo and 148.6 inches with the hot ammo. The difference is much less, only 5.2 inches. Depending on the size of the game, that's still enough to potentially cause a miss, but the disparity is more acceptable.

We don't have space to address it here, but another element that exerts additional drag and drop on cold ammunition is the density of colder air. Lower temperatures result in more drag on your bullet, which will open up the disparities shown above even more.

The multifaceted nature of this "fact or fiction" topic bars a simple yes or no answer, but we can come away with this:

Yes, temperature does affect velocity, and it affects some propellants more than others.

However, within common hunting distances out to 400 yards or so, the disparities are little enough that we don't need to worry about them.

If you shoot long range, though, you'd better be familiar with your velocities and the trajectory of your bullet in the conditions in which you'll likely shoot. If you hunt in very cold weather, get out and practice in very cold weather. Leave your rifle and ammunition out to freeze overnight, and chronograph your ammunition. Then plug those numbers into your ballistic app.

Read more: <http://www.rifleshootermag.com/accuracy-tests/fact-fiction-gunpowder-temperature-sensitivity/#ixzz4liZ8pTla>

WISCONSIN FORCE

Wisconsin Firearm Owners, Ranges,
Clubs & Educators, Inc.

Membership Application NEW MEMBER RENEWAL
Please fill out and return to: Wisconsin FORCE, PO Box
130, Seymour, WI 54165-0130
Make checks payable to: Wisconsin FORCE
Club Patriot Member: 1 Year (\$250) Annual membership and
donation!

Member Dues: Adult 1 Year - \$20 Life - \$250 Membership ends with the passing of a member or dissolution of a corporation. Members are responsible to keep their personal information current. Junior Member / Under 18 Years - FREE Make a donation: \$20 \$50 \$100 \$200 \$500 \$1000 \$5000 Other \$_____ If paying by credit card, name and address above MUST match exactly the billing info for credit card. VISA Master Discover Card Number _____

Exp: ____/____/____ CVV Code from back of card _____

Signature _____ Amount Due for Wisconsin FORCE \$ _____

E-mail (required to receive newsletter and updates): _____

Name: _____ Date of Birth ____/____/____

Address City, State, Zip Code _____

Where did you hear about Wisconsin FORCE? Clubs that you are a member of. I certify that I am not now, and never have been, a member of any organization which has in any part of its program, the attempt to overthrow the government of the United States by force or violence, and that I have never been convicted of a felony, crime of violence, or misdemeanor domestic violence, and I am not otherwise prohibited from owning firearms. If admitted to membership in the Wisconsin Firearm Owners, Ranges, Clubs & Educators Inc., I will fulfill the obligations of good sportsmanship, and I will uphold the Constitution of the United States of America and the Second Amendment thereto. Signature _____ Date ____/____/____

Donations to Wisconsin FORCE are not refundable or transferable and are not tax deductible as charitable contributions for tax purposes

Wisconsin FORCE Mission

To promote and support the purpose and objectives of the National Rifle Association, while protecting and defending the Constitutions of the United States and the State of Wisconsin.

Securing Our Rights

The assaults on the rights of today's firearms owner have never been stronger. These attacks on our civil rights come from anti-hunting, anti-gun, and anti-civil rights organizations. We must stand together to preserve the rights guaranteed to all free citizens under the Second Amendment, the U.S. Constitution, and the Wisconsin Right to Keep and Bear Arms. Wisconsin FORCE has a constant presence in Madison helping to ensure your voice is heard. Whether it is the right to self-defense, micro stamping or hunting regulations, we are involved. Combine your voice with that of thousands like you in Wisconsin; our united voice cannot be ignored.

Club and Range Support

We are the experts in the State advising the Wisconsin Department of Natural Resources, clubs, and businesses in upgrading, improving, and the design of ranges.

Competitions

Matches and events are listed on our calendar. Match Directors can also utilize our on-line registration. NRA discipline championships are authorized and promoted by Wisconsin FORCE. **Please join us today!**

Wisconsin Force Supporters

**HOLUB
MACHINE &
REPAIR, LLC**

<http://www.newhighpower.com/>



<https://kriegerbarrels.com/>

Nosler
UP FRONT

<http://www.nosler.com/>

**Central Wisconsin
Gun Collectors
Association**

<http://www.centralwisconsingun.org/>

**Wood County
Rifle and Pistol
Club**

<http://www.wcrifle.org/>



<http://my.rclrc.net/index.php>



<http://www.halltitle.com/>



<http://www.wisconsintrigger.com/>