

Cold Water Emergencies

By Conservation Officer Shannon Martiak



Charles Schug

Whether ice fishing on Lake Hopatcong, waterfowl hunting along Delaware Bay or hooking into some late season stripers along the coast, New Jersey offers great fall and winter hunting and fishing opportunities. With nearly 700 square miles of lakes, ponds, streams, rivers, bays and marshes in the Garden State, it's easy to find a great body of water for your favorite outdoor sport. Anytime you're on the water, though, plan ahead and be prepared for cold water emergencies.

Cold Water Exposure

Surprisingly, cold water is defined as being 70 degrees F and below. The majority of New Jersey's waters are classified as cold water during much of the year. Hunters and anglers should make it a priority to be prepared for exposure to cold water. In the past two years, New Jersey has seen an increase in cold water-related fatalities, particularly waterfowl hunters. On a national level there are more waterfowl hunters killed

by cold water exposure than by gunshot wounds. These fatalities were caused by hypothermia and/or drowning.

Hypothermia

Our bodies are heat-generating machines designed to maintain a near-constant core body temperature of 98.6 degrees F. A drop of just two degrees significantly impairs our motor skills. At 95 degrees hypothermia begins, a life-threatening drop in core body temperature. If left untreated, hypothermia can be fatal.

The risk of hypothermia can be greatly reduced by decisions made before venturing to the water or field. Choosing the proper clothing is the first step. A layered system of clothing consisting of a moisture wicking base layer, insulating mid layers and a wind- and waterproof top layer afford the best protection. Pay special attention to the head and neck as this is where a majority of the body heat is lost. Stay well-hydrated and eat high

calorie foods. Avoid alcohol as this negatively affects blood flow, accelerating the progression to hypothermia and can also compromise a person's ability to make rational, life-or-death decisions.

Recognize the signs of hypothermia: shivering, cold and sometimes painful and discolored extremities, slurred speech, drowsiness and/or irrational behavior. If these signs are present, heat loss must be stopped! If the victim is cold and *wet*, the wet clothes must be removed. Water conducts heat away from the body 25 times faster than air! Immediately, put dry clothes on the victim and take care with *slow* rewarming immediately. Handle the victim gently, as any sudden jarring could put an already unstable circulatory system into cardiac arrest. Finally, seek medical attention.

Essential Equipment

One piece of equipment that could mean the difference between life and death is the personal flotation device (PFD). The PFD should be a high visibility color so rescuers can locate the victim from a distance. In addition to providing buoyancy, the PFD also provides an additional insulating layer to slow the loss of heat from your body should you fall into frigid waters.

In the Water!

Should you find yourself through the ice, stay calm, keep your clothing on and zipped tight. Kick and pull to attempt to get yourself up onto the unbroken ice, then roll out of—and away from—the hole in the ice. Rolling distributes body weight over a much larger surface area than would walking, decreasing the likelihood of breaking through again. Then leave by walking the same path you took across the ice originally. **Most important:** seek immediate shelter, remove all wet clothes and begin rewarming *slowly*.

When I venture onto ice, I wear a float coat and have ice awls attached to each wrist which makes them readily available. Ice awls consist of a shaft with a retractable spike that once jabbed into the ice, will provide you with a grip to pull yourself up and over the ice edge. A simple, inexpensive piece of equipment like this could save your life.

Conservation Officer Shannon Martiak

Cold Water and Ice Safety Checklist

1. Itinerary – give to friends and family
2. Cell phone – in watertight bag
3. High-visibility float coat or personal flotation device (PFD)
4. Signaling device (flare, strobe, beacon, whistle)
5. Extra set of clothes – in a watertight bag
6. Ice Spikes or Ice Awls (see left)
7. Winter First Aid Kit
8. Throw bag and rope (see photo below)
9. Check weather forecast
10. Bring a buddy – don't go alone

Follow these guidelines if you go into cold water: Stay with the boat even if it has capsized. Grab hold of the hull and try to get out of the water. If the boat is not accessible, look for something to keep you afloat such as floating debris or your bag of duck decoys. If more than one person is in the water, stay together and keep your arms around each other to conserve heat. Use a signaling device (handheld flare, strobe light or whistle) which you should *keep attached to your PFD*.

If a victim is pulled from the water and no pulse is detected, immediately begin CPR. Countless stories are told of victims being revived through CPR after as long as 40 minutes in cold water. Do not give up!

To rescue someone who has fallen through the ice, *first* call 911, then recall the saying: *Preach, Reach, Throw, Row, Go*. **Preach** to the victim that help is on the way and reassure them that they must fight to stay alive. Attempt to **reach** the victim utilizing anything that can be extended to them, such as a long, sturdy branch. Next, attempt to **throw** something to the victim such as a rope or an empty, closed plastic jug with rope attached.

If a boat is nearby, **row** to the victim. If all else fails, the final consideration is to **go** out to the victim. Understand that going onto unstable ice is a difficult decision to make. Ask: will attempting to rescue this victim create another victim—you?

No Ice is Safe Ice

There can only be guidelines as to whether ice is safe enough support your weight. Some say, “No ice is safe ice.” Water does not freeze uniformly. Underwater currents, obstructions, age of the ice and the presence of snow cover all contribute to ice formation and thickness. For clear, new ice, 6 inches is the accepted ice thickness

for safe foot travel. Remember to bring a measuring stick to determine the ice thickness at various locations.

A water-related accident can happen at any time, so be prepared, especially around cold water. By taking a preventative approach, having the proper equipment and identifying winter's dangers, you can enjoy a safe and rewarding outdoor winter experience. 🍂



Coldwater Emergency Kit (clockwise from left):

Extra clothes in a watertight bag, first aid kit, strobe/beacon, ice awls, cell phone in a watertight bag, throw bag and PFD/float coat (center).

Shannon Martiak/NJ Div. Fish and Wildlife

Wildlife Management Area

REGULATIONS

Regulations in red are new this year.
Purple text indicates an important note.

THE FOLLOWING ARE PROHIBITED: alcoholic beverages, camping, cutting or damaging vegetation, dumping, fires, swimming and picnicking.

Regulations for use of wildlife management areas (WMAs) are established by the Division of Fish and Wildlife with penalties of not less than \$50 nor more than \$1,500.

Information on these regulations and permit applications may be obtained by writing to New Jersey Division of Fish and Wildlife, PO Box 400, Trenton, NJ 08625-0400, or www.NJFishandWildlife.com/wmaregs.htm.

Fish and Wildlife may revoke any permit or other authorization issued for violation or due cause.

Boat Ramp Maintenance Permit

Any vehicle used to transport or launch a vessel or water conveyance on the following WMAs must have affixed to the lower corner of the driver's side rear window a boat ramp maintenance permit, receipt from a valid hunting, fishing or trapping license, or a photocopy of a valid hunting, fishing or trapping license. Be sure your Conservation ID number is clearly displayed; all other personal information may be blacked out for reasons of privacy. The boat ramp maintenance permit fee is \$15, available from a license agent or at Fish and Wildlife's Internet sales site, www.NJFishandWildlife.com/wmaregs.htm.

Persons 70 years and older are not required to obtain a boat ramp maintenance permit and need no license, but must affix to their window proof of age, such as a former license displaying your date of birth.

- | | |
|-------------------------------|---------------------|
| 1. Round Valley Angler Access | 5. Mad Horse Creek |
| 2. Assunpink | 6. Union Lake |
| 3. Dennis Creek | 7. Menantico Ponds |
| 4. Tuckahoe | 8. Prospertown Lake |

Dog Training, Exercising & Hunting

A person may exercise or train dogs only in designated dog training areas from May 1 to Aug. 31, inclusive and only on the following select WMAs:

- | | | |
|-------------------|-----------------|--------------------|
| 1. Assunpink | 6. Hainesville | 11. Stafford Forge |
| 2. Black River | 7. Manasquan | 12. Tuckahoe |
| 3. Clinton | 8. Millville | 13. Whittingham |
| 4. Colliers Mills | 9. Pequest | 14. Winslow |
| 5. Glassboro | 10. Salem River | |

All dogs must be properly licensed. A person may exercise or train dogs on any WMA from Sept. 1 to April 30. There shall be no exercising or training of dogs on any WMA on Nov. 6, 2009, the Friday before the opening day of the regular small game season.

Additional regulations involve the release of game birds for training, the use of pigeons, the use of firearms, frozen game birds, the use of call back pens and the release of fox, raccoon, rabbit and hare. For more information call (609) 984-0547.

Field Trials

Permits for use of wildlife management areas for running of field trials may be granted by the Fish and Wildlife. Permits may be obtained by calling (609) 259-2132.

Higbee Beach

Higbee Beach WMA is closed to hunting from Sept. 1 to Dec. 13, 2009.

Horseback Riding

Horseback riding is allowed on designated WMAs only by permit from the Division of Fish and Wildlife. Apply online at www.WildlifeLicense.com/NJ/. Horseback riding permits should be displayed on outer clothing while riding. For more information on horseback riding permits, call (609) 259-2132.

Hunting Regulations

Hunting with firearms is prohibited on Nov. 6, 2009 on those WMAs designated as Pheasant and Quail Stamp areas except in tidal marsh open to an ongoing waterfowl season. See *Pheasants*, page 60.

It is legal to possess and use a .22 caliber rifle and .22 caliber rimfire short cartridge on WMAs only for hunting raccoon and opossum and dispatching trapped animals other than muskrat.

Rifles, including muzzleloading rifles, may not be used to hunt woodchucks on WMAs.

Motor Vehicles & Other Forms of Conveyance

No person shall operate an unregistered vehicle on any state WMA. All motor vehicles are restricted to established public roads and parking areas.

All motor boats must be properly registered and have all the required safety equipment. (See *Outboard Motors*, below.)

The use of dog sleds and dog carts, off road vehicles, ATVs, trail bikes, or snowmobiles is prohibited on all WMAs unless authorized by Fish and Wildlife.

Outboard Motors

Only electric motors are allowed on freshwater lakes and ponds owned by NJ Division of Fish and Wildlife areas with the exception of Union Lake where an outboard motor, not exceeding 9.9 hp, may be used. On Prospertown Lake, only manually operated boats and canoes are allowed.

All titled boats must also be registered. Any boat mechanically propelled, regardless of length, must be registered. All boats greater than 12 feet, regardless of propulsion means, must be titled and registered.

Restricted Hours

Wildlife management areas are closed from 9 p.m. until 5 a.m. unless engaged in lawful hunting, fishing or trapping activities. Special permission may be granted for Fish and Wildlife-approved activities.

Target Practice

Only archery, shotgun, muzzleloading shotgun, muzzleloading rifle and .22 caliber rimfire rifle shooting is allowed in designated hunter training ranges according to regulations posted at the training area.

The following types of ranges are available on designated WMAs statewide:

- **Shotgun Range:** for use with clay birds and the patterning of fine shot;
- **Archery Range:** approved backstops at select ranges, no broadheads allowed;
- **Muzzleloading Rifle and Shotgun Slug Range:** for sighting in with shotgun slugs or buckshot, .22 caliber rimfire rifles and muzzleloaders; no other firearms allowed. See page 83 for a list of ranges and requirements.

Waterfowl Blinds

No permanent waterfowl blinds, including pit blinds, shall be constructed, hunted from or used in any manner on any of the following WMAs:

- | | | |
|-------------------|-------------------|-----------------|
| 1. Assunpink | 6. Manahawkin | 11. Salem River |
| 2. Black River | 7. Stafford Forge | 12. Prospertown |
| 3. Colliers Mills | 8. Whittingham | 13. Paulinskill |
| 4. Hainesville | 9. Beaver Swamp | |
| 5. Tuckahoe | 10. Sedge Island | |

Any blind used in these designated areas must be portable and shall be completely removed at the end of the day. Blinds remaining in WMAs will be subject to confiscation and properly disposed of by Fish and Wildlife. ➤

Wildlife Management Area (WMA) Ranges

The following information pertains to New Jersey Division of Fish and Wildlife facilities. Information on privately operated facilities is available at "Where To Shoot," a site maintained by the National Shooting Sports Foundation at www.wheretoshoot.org

- All WMA regulations apply.
- Ranges are open 8 a.m. to sunset.
- At least one member of the shooting party must have a current, valid New Jersey hunting license in possession.
- **Shotgun range:** fine shot only. No buckshot or rifled slugs.
- Archery range: target or practice tips only (NO broadheads.)
- **Muzzleloading rifle and shotgun range:** muzzleloading firearms, shotguns with rifled slugs or buckshot and modern rimfire (.22 caliber) rifles only.
- No handguns or centerfire rifles permitted.

NORTHERN REGION

Hunterdon County

Clinton WMA

Route 173W, Clinton

- Shotgun, Archery, Muzzleloader (100 yards)

Morris County

Black River WMA

Route 513 (Dover-Chester Road), Chester

- Archery, open year-round.
- Shotgun: Closed weekends from the third Saturday in May through the Sunday of Labor Day weekend, as well as on Christmas and Easter. Operating hours are 9 a.m. to 7:30 p.m. during this summer period, and 9 a.m. to 5 p.m. for the rest of the year. Hunter education classes will continue at the range and are not affected by these new hours.

Sussex County

Flatbrook WMA

Route 615, Layton

- Shotgun, Archery, Muzzleloader (75 yards)

Warren County

Pequest WMA

Pequest Road, Oxford

- Archery

CENTRAL REGION

Monmouth County

Assunpink WMA

Imlaystown-Hightstown Rd., Upper Freehold Twp.

- Archery
- Shotgun range is **closed**.

Turkey Swamp Park

Georgia Rd., Freehold Twp.

- Archery (Special regulations apply; call 732-842-4000.)

Ocean County

Colliers Mills WMA

Off Colliers Mills & Hawkins Rds., Jackson Twp.

- Archery, Muzzleloader (100 yards)
- Shotgun range is **closed**.

Stafford Forge WMA

Off Route 539, south of Warren Grove, Little Egg Harbor Twp.

- Shotgun, Archery, Muzzleloader (100 yards)

SOUTHERN REGION

Atlantic County

Makepeace Lake WMA

Elmwood-Weymouth Road, Weymouth

- Shotgun, Archery, Muzzleloader (50 yards)

Gloucester County

Winslow WMA

Piney Hollow Road, Monroe Twp.

- Archery
- Shotgun and muzzleloader ranges are **closed**.

Cape May County

Tuckahoe WMA

Off Tuckahoe Road (Route 631), Tuckahoe

- Archery
- Shotgun range is **closed**.

Cumberland County

Millville WMA

Ackley Road (Route 718), Millville

- Shotgun, Archery, Muzzleloader (100 yards)



LANDOWNER COPY

Permission given to: _____

Address: _____

Vehicle Make _____ Yr. _____ Color _____

Vehicle Lic. No. _____ No. in Party _____

Dates from: ____/____/____ to ____/____/____

Limitations: _____

Other licenses, tag no.: _____

Permission dates from: ____/____/____ to ____/____/____

Limitations: _____

Hunter can hunt within 450 feet of buildings: Yes No

HUNT SMART Courtesy Card

Visitor's Copy — Not Transferable

I request permission to enter your property for the following purpose:

Dates from: ____/____/____ to ____/____/____

Limitations: _____

Hunter can hunt within 450 feet of buildings: Yes No

Landowner's Name: _____

Address: _____

NEW JERSEY DEER HUNT MEMBERSHIPS AND FULLY GUIDED HUNTS

ECONOMIC CRUNCH SPECIALS: 20% DISCOUNT TO NEW MEMBERS AVAILABLE FOR A LIMITED TIME ON MEMBERSHIPS OR GUIDED HUNTS THIS OFFER IS FOR THE UPCOMING 2009 / 2010 SEASON ONLY LIMITED SUNDAY BOWHUNTING AND CROSSBOWS ARE NOW LEGAL IN NEW JERSEY



We offer Deer and Turkey hunting on some of the best private farms in the entire state of New Jersey. We are located in the Pemberton area of Burlington County, in Deer Management Zone 48. We are only 35 to 80 minutes from PA, NY and DE bridges. Our Zone has the second best average antler growth for whitetails in the entire state. All of our farms hold Trophy Class Whitetails, and plenty of smaller bucks and does.

Guided Hunts: 3 day hunt—Includes 2 nights lodging, 3 days meals.
\$895 (-) 20% = \$716

Club Membership:

Archery only, 15 hunt days	\$675 (-) 20% = \$540
Shotgun only, 10 hunt days	\$625 (-) 20% = \$500
Shotgun/muzzleloader, 10 days	\$650 (-) 20% = \$520
Archery/shotgun/muzzleloader, 20 days	\$795 (-) 20% = \$636

VISIT US AT: WWW.AMERICANWHITETAILLTD.COM
24 HOUR VOICE MAIL: 856-546-1982
CELL PHONE: 609-238-3168



At the Garden State Outdoor Sportsmen's Show Raritan Center, Edison, New Jersey

Bigger and better than ever!

See New Jersey's most outstanding white-tailed deer for 2008-09 Awards ceremony on Sunday at 2:30 p.m.

To enter a deer harvested during last year's 2008-09 hunting seasons, applications must be submitted by October 1, 2009

See entry details on page 85.

Brought to you by:

- NJ Division of Fish and Wildlife
- NJ Federation of Sportsmen's Clubs
- United Bowhunters of New Jersey
- Garden State Outdoor Sportsmen's Show

HUNT SMART Courtesy Card

I hereby give permission to: (visitor's name)

_____ to enter my property for the purpose listed on the reverse side of this card. He/she has agreed to act safely, responsibly, and lawfully and to accept responsibility for his/her actions.

Signed _____
(landowner, lessee, or operator)

Date ____/____/____



Outdoor Recreation on Private Property is a Privilege — NOT A RIGHT

I agree to conduct myself safely, responsibly and lawfully, respecting the landowner, property, and others using it. I accept the responsibilities which are part of the activities which I pursue. I agree to comply with the instructions of the landowner while on this property.

I understand that the laws of New Jersey absolve the landowner from liability for non-paying recreationists engaged in hunting, fishing, trapping, boating, hiking, and certain other activities, except in the case of willful or malicious failure to guard or warn of hazards.

Signed _____
(visitor)

Date ____/____/____



This card provided by the New Jersey Department of Environmental Protection Division of Fish & Wildlife

NEW JERSEY'S OUTSTANDING White-tailed Deer Program, initiated in 1964, includes categories for typical and non-typical antlered deer taken with bow, shotgun and muzzleloading rifle, in addition to the weight categories listed below. A velvet category is added for early bow season deer.

In the Antlered Division, New Jersey's Outstanding Deer Program uses the most common system in North America used for rating antlers as developed by the Boone and Crockett Club. This scoring system gives credit to antler length, spread, number of points, massiveness and symmetry. This measurement system

Category	Minimum score
Typical Firearm	125
Non-typical Firearm	135
Typical Archery	125
Non-typical Archery	135
Typical Muzzleloader	125
Non-typical Muzzleloader	135

also is used by the Pope & Young Club's Bowhunting Big Game Records Program. Deer must have been taken under the rules of fair chase. It is best to have the rack measured *before* it is mounted. Don't wait!

In the Weight Division, the program recognizes exceptional body size as determined by the field dressed weight, including heart and liver removed. Two categories, one for bucks reaching or exceeding 200 pounds (proof of weight must be confirmed on a certified scale* for buck entries—no truck scales**—with the weighmaster's signature on a letterhead receipt or on the entry form, available on our Web site) and one for field dressed does reaching or exceeding 135 pounds (witnessed, non-certified scale at a deer check station or Fish and Wildlife regional office).

Any properly licensed hunter, regardless of residency, is eligible to enter the Outstanding Deer Program. Deer must be taken in accordance with New Jersey wildlife laws and regulations. Applications are due Oct. 1. Additional rules are included on the official application forms. These forms with instructions are available on Fish and Wildlife's Web site www.NJFishandWildlife.com/outdeer.htm or send a self-addressed, stamped envelope to: NJ Division of Fish and Wildlife, Outstanding Deer Program, P.O. Box 400, Trenton, NJ 08625-0400. State the type of form (Antlered Division, typical or non-typical; Weight Division, 200 Pound Buck or 135 Pound Doe). There is no entry fee.

All qualified entries will be added to New Jersey's All Time List. For questions, call (609) 633-7598.

Qualifying entries for deer taken during the previous hunting seasons are displayed and recognized at the annual Garden State Deer Classic. Join Fish and Wildlife in celebrating New Jersey's outstanding white-tailed deer at the Deer Classic in January at the Garden State Outdoor Sportsmen's Show. See the ad on page 84 for details.

The table to the right is a list of the top-scoring deer and the hunters who participated in the 2009 Garden State Deer Classic. The Classic **showcased the outstanding deer taken during the 2007–2008 deer hunting seasons, not the past 2008–09 hunting seasons.** These will be honored at the January 2010 Deer Classic. 🍖

* See entry form. A certified scale might be available at the following businesses:

- Warehouse with shipping department
- Concrete, sand and gravel company
- Junk yard or scrap metal recycler
- Marina with party and charter boat fishing
- Or contact your county weights and measures office. Be sure to locate a scale before the hunting season begins!

** A truck scale is not acceptable as the increments are too large.



2009 Garden State Deer Classic Winners*

Rank	Name	Score / Weight	County Harvested	DM Zone
Typical Archery				
1st	Mark Goddard, Sr.	149 4/8	Monmouth	50
2nd	Eric Burgess	146 3/8	Warren	4
3rd	Joe Diaz	144 5/8	Salem	29
Non-typical Archery				
1st	Kevin C. Kyle	163 7/8	Mercer	15
2nd	Arthur Fariello	162 1/8	Monmouth	16
3rd	Jim R. Thompson	159 7/8	Salem	29
Typical Shotgun				
1st	Steven R. Scaglione, Sr.	166 3/8	Ocean	18
2nd	Edward Tracy, Jr.	146 7/8	Monmouth	64
3rd	Andy Kowalski	142 7/8	Warren	5
Non-typical Shotgun				
1st	Jack Blizzard	159 3/8	Cumberland	30
Typical Muzzleloader				
1st	Scott Palmer	140 4/8	Monmouth	50
2nd	Chris Schmidt	130 6/8	Monmouth	50
3rd	Christian Taylor	126 7/8	Burlington	48
135 Pound Doe—Archery				
1st	Michael Connors	138 lbs.	Gloucester	35
135 Pound Doe—Shotgun				
1st	Darren A. Hasara	136 lbs.	Warren	7
200 Pound Buck—Archery				
1st	A.J. Bachman	211 lbs.	Morris	36
2nd	Frank Prato	210 lbs.	Mercer	14
3rd	Darren A. Hasara	206 lbs.	Somerset	12

* For deer harvested during the 2007–08 hunting seasons.



P. Jeremy Garnish

Fall and Winter Trout Stocking Program

FANTASTIC TROUT FISHING opportunities await anglers at dozens of fall and winter trout-stocked streams and lakes in New Jersey. These waters will be stocked with brook, brown and rainbow trout averaging 14 to 16 inches, and weighing 3–5 pounds. These two-year old trout are noticeably larger than the 10-inch trout typically stocked in the spring. Shifting to older, larger two-year old trout has been a huge success with Garden State anglers who not only enjoy these fish through the end of the year, but well into next year's stocking season. Experience for yourself what New Jersey anglers have been raving about!

Fish and Wildlife stocks approximately 20,000 large trout during the two-week fall stocking period, and about 1,000 of these are exceptionally large rainbow trout broodstock measuring 18–20 inches. About 5,000 trout are stocked for winter trout fishing just days before the Thanksgiving holiday.

Since waters are stocked throughout the state, there's bound to be a trout-stocked pond, lake or stream near you. Don't miss out on the fun this fall and winter for your chance to catch a lunker trout!

Anglers are reminded that **all streams and lakes are open to fishing on the day of stocking in the fall and winter.**

All stocking dates are announced on the:

- Trout Hotline (609) 633-6765
- Fish and Wildlife's Web site at: NJFishandWildlife.com/trtinfo.htm.

Directions to public access locations for trout-stocked waters are also available on our web site. 📍

Fall Trout-Stocked Rivers and Lakes

Fall stocking will occur in the weeks beginning Oct. 5 and Oct. 12, 2009. When available, the stocking schedule will be posted on Fish and Wildlife's Web site and the Trout Stocking Hotline.

Atlantic County: Hammonton Lake

Bergen County: Ramapo River

Burlington County: Crystal Lake, Sylvan Lake

Camden County: Oak Pond, Grenloch Lake

Cumberland County: Giampetro Park Pond, Mary Elmer Lake, Maurice River

Gloucester County: Grenloch Lake, Greenwich Lake, Iona Lake, Swedesboro Lake

Hunterdon County: Musconetcong River, S/Br. Raritan River

Mercer County: Colonial Lake, Rosedale Lake

Middlesex County: Farrington Lake, Roosevelt Park Pond

Monmouth County: Manasquan River

Morris County: Black River, Musconetcong River, S/Br. Raritan River, Rockaway River

Ocean County: N/Br. & S/Br. Metedeconk River, Toms River

Passaic County: Wanaque River

Salem County: Schadler's Sand Wash Pond

Somerset County: N/Br. & S/Br. Raritan River

Sussex County: Big Flat Brook, Musconetcong River, Paulinskill River, Pequest River, Wallkill River

Warren County: Musconetcong River, Paulinskill River, Pequest River, Pohatcong Creek

Winter Trout-Stocked Lakes

Stocking dates are Nov. 23–25, 2009. When available, the stocking schedule will be posted on Fish and Wildlife's Web site and the Trout Stocking Hotline.

Atlantic County: Birch Grove Park Pond

Bergen County: Mill Pond

Camden County: Haddon Lake, Rowands Pond

Cumberland County: Shaws Mill Pond

Essex County: Verona Park Pond

Gloucester County: Mullica Hill Pond

Hudson County: Woodcliff Lake

Hunterdon County: Amwell Lake

Middlesex County: Hook's Creek Lake,

Topenemus Lake

Morris County: Mt. Hope Pond, Speedwell Lake

Ocean County: Lake Shenandoah

Passaic County: Barbour's Pond, Green Turtle Pond

Salem County: Riverview Beach Pond

Sussex County: Lake Aeroflex, Little Swartswood Lake, Silver Lake, Lake Ocquittunk

Union County: Lower Echo Lake

Warren County: Furnace Lake

i-MapNJ ■ Create Your Own WMA Map

New Jersey Department of Environmental Protection (DEP) has a Web-based tool called i-MapNJ. Those with Internet access can create maps for any Wildlife Management Area. i-MapNJ provides a wealth of other environmental information, too!

This interactive program is updated on a regular basis so most of the latest information is available.

To access i-MapNJ, go to the DEP's Web site at www.state.nj.us/dep. Click the i-MapNJ button in the left column.

Those without Internet access can request a specific wildlife management area by calling (609) 984-0547.

Continue the Tradition

Become an instructor with Fish and Wildlife's Hunter Education Program.

Fish and Wildlife's Hunter Education Unit is looking for New Jersey's best sportsmen and sportswomen to become instructors and teach utilizing this exciting home study format. A minimum of six weekend days each year are required.

Call (856) 629-0552

Leave your name and address to receive an application.

Or visit our Web site:

NJFishandWildlife.com



Join the New Jersey Division of Fish and Wildlife in celebrating
National Hunting and Fishing Day at the
8th Annual Wildlife Heritage Festival at the
Pequest Trout Hatchery and Natural Resource Education Center

— **September 26, 2009** —

10 a.m. to 4 p.m.

Enjoy activities for the whole family!

- Fish Feeding Demonstrations: Watch hatchery workers feeding the hungry trout!
- Kids Fishing: Kids 8-16 years can fish the Pequest Education Pond. Try to catch lunker trout! All the equipment is provided!
- Get Ready for Hunting Season. Take Your Hunter Education Course at the Festival! Pre-registration required.
- Introduction to Archery and Shotgun Shooting. Certified Hunter Education instructors will coach new shooters and improve your archery and shotgun skills!
- Kids 4-8 years can try catching trout in the "Kiddie Trout Tank"! All equipment is provided!
- Free 3-D Archery Range: Bring your own bow and shoot the free 3-D archery course!

- Historical Encampment: Step back in time as reenactors demonstrate primitive living in a time gone-by. Watch as they make clothing, cook or set up a military camp!
- Take an "Introduction to Kayaking Course!" Off-site; pre-registration required.
- Wildlife Artists, Conservation Organizations, Displays and More!
- Food vendors on site or bring your own food and have a picnic!



Visit NJFishandWildlife.com for the full schedule of events including program times, locations, program registration information and Festival updates

big fish.



If you haven't been trout fishing in New Jersey lately, you just might need a bigger net!

During October, more than 21,000 super-sized trout are being stocked throughout the state. At 14 inches to 20 inches, those trout will have reels screaming from Sussex County to Cape May. Trout fishing in New Jersey isn't just a spring thing anymore. Get out on the water this fall and get in on the hottest trout fishing action in the tri-state area.

Buy and print your fishing license and trout stamp online at www.njfishandwildlife.com. It's that easy!

NEW JERSEY HAS more than 750,000 acres of public land available to the deer hunter. This list is arranged by deer management zone for public land open to deer hunting. Generally, only areas with 100 acres or more of upland habitat are listed. State parks and forests that allow hunting may have some sections which are closed to hunting. Some areas allow deer hunting only during certain seasons, require an access fee or have other special regulations. Refer to the *Digest* section *Special Areas Hunting Season Information* page 46 or contact the appropriate authority for details. See page 89 for hunting opportunities on national wildlife refuges in New Jersey.

Remember: Hunters must have permission to hunt agricultural land even if the land is not posted. Hunters should obtain permission before hunting any private property. Hunters are advised not to purchase a deer permit for a zone in which they have no place to hunt.

Updates since last year are noted below in **red**.

Zone Public Land Open to Deer Hunting

- 1 • Bear Swamp WMA
• Flatbrook—Roy WMA
• Hainesville WMA
• Stokes State Forest
- 2 • Kittatinny Valley State Park
• Wallkill River National Wildlife Refuge (see *Special Areas*)
• Wawayanda State Park
- 3 • Abram Hewitt State Forest
• Hamburg Mountain WMA
• Long Pond Ironworks State Park
• Newark Watershed (see *Special Areas*)
• Norvin Green State Forest
• Ramapo Mountain State Forest
• Ringwood State Park
• Wawayanda State Park
- 4 • Delaware Water Gap National Recreation Area
• Flatbrook—Roy WMA
• Stokes State Forest
• Walpack WMA
• Worthington State Forest
- 5 • Beaver Brook WMA
• Columbia WMA
• Honey Run WMA
• Jenny Jump State Forest
• Paulinskill WMA
• Swartswood State Park
• Trout Brook WMA
• White Lake WMA
• Whittingham WMA
- 6 • Allamuchy Mountain State Park
• Berkshire Valley WMA
• Fanny State Park
• Morris County Park System—Mahlon Dickerson Reservation, Silas Condict Park (see *Special Areas*)
• Newark Watershed (see *Special Areas*)
• Rockaway River WMA
• Sparta Mountain WMA
• Weldon Brook WMA
• Wildcat Ridge WMA
- 7 • Clinton WMA
• Hunterdon County Parks Dept.—Union Forge Preserve, Tower Hill Reserve (see *Special Areas*)
• Musconetcong River WMA
• Spruce Run Recreation Area
- 8 • Allamuchy Mountain State Park
• Black River WMA
• Hacklebarney State Park
• Hunterdon County Parks Dept.—Cold Brook Preserve, Teetertown Ravine Nature Preserve, Point Mountain Preserve (see *Special Areas*)
• Ken Lockwood Gorge WMA
• Morris County Park System—Black River Park, Schooley's Mountain Park (see *Special Areas*)
• Musconetcong River WMA
• Pequest WMA
- 9 • Black River WMA
- 10 • Hunterdon County Parks Dept.—Musconetcong Gorge, the Drag Strip Property, Hoffman Park, Schick Reserve, South Branch Reservation, Uplands Reserve (see *Special Areas*)
• Musconetcong River WMA
- 11 • Hunterdon County Parks Dept.—Lockatong Nature Preserve, the Case Farm, Wescott Nature Preserve (see *Special Areas*)
- 12 • Hunterdon County Parks Dept.—Cushetunk Mountain Park, Sourland Mountain Nature Preserve, Deer Path Park, South Branch Reservation (see *Special Areas*)
• Round Valley Recreation Area
• South Branch WMA
- 13 • No public deer hunting land
- 14 • Assunpink WMA (Robbinsville Twp section only)
• Pigeon Swamp State Park
• Six Mile Run Reservoir State Park (see *Special Areas*)
- 15 • Assunpink WMA
• Monmouth County Park System—Charleston Springs Golf Course, Perrineville Lake Park (see *Special Areas*)
- 16 • Turkey Swamp WMA
• Monmouth County Park System—Bear Swamp Tract of Manasquan Reservoir, Howell Park Golf Course, Turkey Swamp Park, Yellowbrook Tract of Manasquan River Linear Park (see *Special Areas*)
- 17 • Colliers Mills WMA
• Monmouth County Park System—Clayton Park, Crosswicks Creek Park (see *Special Areas*)
- 18 • Colliers Mills WMA
• Manchester WMA
• Whiting WMA
- 19 • Medford WMA
• Wharton State Forest
- 21 • Double Trouble State Park
• Forked River Mountain WMA
• Greenwood Forest WMA
• Lebanon State Forest
- 22 • Bass River State Forest
- 23 • Wharton State Forest
- 24 • Bass River State Forest
• Penn State Forest
• Stafford Forge WMA
• Swan Bay WMA
• Warren Grove Recreation Area
• Wharton State Forest
- 25 • Cedar Lake WMA
• Great Egg Harbor River WMA
• White Oak Branch WMA
• Wharton State Forest
- 26 • Great Egg Harbor River WMA
• Hammonton Creek WMA
• Makepeace Lake WMA
• Port Republic WMA
- 27 • Salem River WMA
• Thundergut Pond WMA
- 28 • Buckshtem WMA
• Elmer Lake WMA
• Union Lake WMA
- 29 • Bayside PSE&G Tract (see *Special Areas*)
• Cohansey WMA
• Gum Tree Corner WMA
• Mad Horse Creek WMA
• Maskells Mill Pond WMA
• **Stowe Creek State Park**
- 30 • Bear Swamp Natural Area (closed Jan. 15–Aug. 1)
• Dix WMA
• Egg Island WMA
• Fortescue WMA
• Nantuxent WMA
• New Sweden WMA
- 31 • Millville WMA
• Buckshtem WMA
- 34 • Beaver Swamp WMA
• Belleplain State Forest
• Cape May Wetlands WMA
• Cape May National Wildlife Refuge
• Dennis Creek WMA
• Heislerville WMA
• Higbee Beach WMA
• Tuckahoe WMA
• Lizard Tail Swamp Preserve (see *Special Areas*)
- 35 • D.O.D. Ponds

- Harrisonville Lake WMA
- 36 • No public deer hunting land
- 37 • Fort Dix Military Reservation (see *Special Areas*)
- 38 • Great Swamp National Wildlife Refuge (see *Special Areas*)
- 39 • No public deer hunting land
- 40 • No public deer hunting land
- 41 • Alexauken Creek WMA
• Mercer County Parks—Baldpate (Kuser) Mountain
• Mercer County Parks—Howell Living History Farm
- 42 • Port Republic WMA
- 43 • Millville (Bevan) WMA
- 45 • Menantico Ponds WMA
• Peaslee WMA
- 46 • Gibson Creek WMA
• Great Egg Harbor River WMA
• Tuckahoe WMA
• Maple Lake WMA
• Peaslee WMA
- 47 • Peaslee WMA
- 48 • Rancocas State Park (see *Special Areas*)
- 49 • No public deer hunting land
- 50 • Monmouth County Park System—Hartshorne Woods Park, Tatum Park, Thompson Park, Big Brook Park, Huber Woods, the Ramanessin Section of Holmdel Park (see *Special Areas*)
- 51 • Allaire State Park
• Manasquan River WMA
• Manahawkin WMA
• Monmouth County Park System—Shark River Park, Rt. 33 Tract and Shark River Park—East of Remsen Mill Rd. (see *Special Areas*)
- 53 • Lakehurst Naval Air Engineering Station (see *Special Areas*)
- 54 • No public deer hunting land
- 55 • Glassboro WMA
- 56 • Edwin B. Forsythe National Wildlife Refuge (see *Special Areas*)
- 57 • Edwin B. Forsythe National Wildlife Refuge (see *Special Areas*)
- 58 • Edwin B. Forsythe National Wildlife Refuge—north of Rt. 72 (see *Special Areas*)
- 61 • Atlantic County Park System (see *Special Areas*)
- 63 • Abbotts Meadow WMA
• Supawna Meadows National Wildlife Refuge (see *Special Areas*)
- 64 • Monmouth Battlefield State Park (see *Special Areas*)
- 65 • Winslow WMA
- 66 • Federal Aviation Administration William J. Hughes Technical Center (see *Special Areas*)
- 67 • High Point State Park (see *Special Areas*)
- 68 • Franklin Parker Preserve (see *Special Areas*)
- 70 • Edwin B. Forsythe National Wildlife Refuge, north of the Mullica River and south of Rt. 72 (see *Special Areas*)

Maps and information on hunting land is also available from the following sources:

USGS Topographic Maps

Topo quads — \$10 ea.; State exact location including county, township, road or select a WMA
NJ Dept. of Environmental Protection

Maps and Publications

PO Box 438, Trenton, NJ 08625-0438 • (609) 777-1038
www.state.nj.us/dep/njgs

State Parks and Forests Maps

Maps and information on lands administered by the Division of Parks and Forestry. Please specify park or forest. Free.

NJ Dept. of Environmental Protection
Division of Parks and Forestry
PO Box 404, Trenton, NJ 08625-0404 • (800) 843-6420

Wildlife Management Area Maps

Maps and information on lands administered by NJ Division of Fish and Wildlife Photocopies of individual WMA maps on USGS base available free. Specify which WMA.

NJ Div. Fish and Wildlife, WMA Map Request
P.O. Box 400, Trenton, NJ 08625 • (609) 984-0547

Download maps from our Web site at
www.NJFishandWildlife.com/wmland.htm or
create your own map, at i-MapNJ, see page 86.

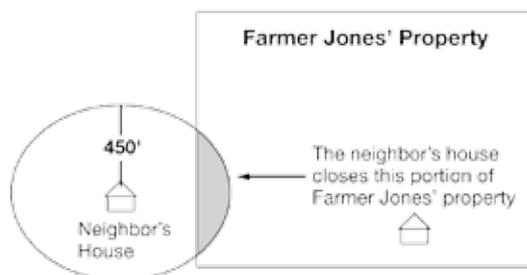
SAFETY ZONE Awareness: Protecting Your Hunting Privilege

NEW JERSEY HUNTERS enjoy many types of hunting, numerous days afield and generous bag limits. But development and other human encroachment on the forests and fields of the Garden State has changed wildlife habitat and land suitable for hunting, such that SAFETY ZONE awareness is even more critical for modern hunters.



What is a SAFETY ZONE?

- The SAFETY ZONE is the area within 450 feet of a building or school playground, even if not occupied.
- The SAFETY ZONE is the place where you, the hunter, cannot carry a loaded firearm or nocked arrow unless you have written permission in hand.
- The SAFETY ZONE was established by legislation in 1946 as an area to place some physical distance, a buffer, between hunters and homeowners.
- The SAFETY ZONE could be land where there is suitable wildlife habitat for adaptable species, like the white-tailed deer, cottontail rabbit and Canada goose.
- The SAFETY ZONE is not a magic shield which can stop a misdirected bullet from entering the area around a home



What can you do to heighten your SAFETY ZONE awareness?

1. Post SAFETY ZONE signs.
2. Talk with landowners.
3. Hunt SMART and remind your hunting partners to Hunt SMART.
4. Know the law.

Remember, failure to hunt safely and responsibly is inexcusable. You must always be a responsible hunter, aware of your surroundings, the target and what may lie beyond the target. The principles of hunter education do not disappear at the completion of a course, but are called into practice every time you hunt.

Take special care hunting on “high visibility” property, habitat where our adaptable wildlife species—especially white-tailed deer—are now flourishing. Here, hunter conduct will be watched closely; the image we portray can have a great impact on the tolerance for our sport. So hunting these special areas carries added responsibility for you, as a hunter, to exercise restraint and make superior judgment decisions. 🦌

Hunting Opportunities On New Jersey's National Wildlife Refuges 2009–2010 Hunting Seasons

Hunting on national wildlife refuges is not permitted unless specifically opened as listed below.

No Sunday hunting on national wildlife refuges.

Cape May NWR

24 Kimbles Beach Road, Cape May Court House, NJ 08210 (609) 463-0994; fws.gov/northeast/capemay

- **Deer—Special Areas Hunting Season Information; see page 46.**
- **Migratory game birds except crow—on refuge lands north of Rt. 550 or west of Rt. 47**

No refuge permit is required. Special hunting conditions apply. Contact refuge office for information.

Great Swamp NWR

241 Pleasant Plains Road, Basking Ridge, NJ 07920-9615 (973) 425-1222; fws.gov/northeast/greatswamp

- **Deer—Special Areas Hunting Season Information; see page 46.**
- In addition to required state licenses and permits, hunters must obtain a Refuge permit for \$26 (\$13 for holders of a Senior Golden Age or Golden Access Passport and youths with a valid 2009 New Jersey youth hunting license).

Edwin B. Forsythe NWR

800 Great Creek Road, Oceanville, NJ 08231-0072; (609) 652-1665; fws.gov/northeast/forsythe

- **Deer—Special Areas Hunting Season Information; see page 46.**
- **Waterfowl**
- **Special Waterfowl Hunts**

Hunters wanting to participate in the special waterfowl hunts must have a reservation. Special hunting conditions apply. Information can be obtained at the refuge, at dispensers, at the headquarters, on the refuge Web site, or through the mail.

Supawna Meadows NWR

c/o Cape May NWR, 24 Kimbles Beach Rd., Cape May Court House, NJ 08210, (609) 463-0994; fws.gov/northeast/nj/spm.htm

- **Deer—Special Areas Hunting Season Information; see page 46.**
- **Waterfowl**

Special hunting conditions apply. Contact refuge manager for information.

Wallkill River NWR

1547 County Rt. 565, Sussex, NJ 07461-4013; (973) 702-7266; wallkillriver.fws.gov

- **Deer—Special Areas Hunting Season Information; see page 46.**
- **Migratory Birds except crow**
- **Spring and Fall Turkey (Zone 5)**
- **September Canada Goose**

In addition to required state licenses and permits, hunters must obtain a refuge permit. There is a \$20 fee for a refuge permit except youths are free, seniors with a Golden Age passport are \$10. Special hunting conditions apply. 🦌

Perpetual Sunrise & Sunset

TRENTON, NEW JERSEY

Day	Jan.		Feb.		Mar.		Apr.		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Rise A.M.	Set P.M.																						
01	7:22	4:43	7:09	5:17	6:32	5:51	5:42	6:24	4:58	6:55	4:31	7:23	4:33	7:32	4:57	7:13	5:27	6:30	5:56	5:41	6:29	4:56	7:03	4:34
02	7:22	4:44	7:08	5:18	6:31	5:52	5:41	6:25	4:57	6:56	4:31	7:23	4:34	7:32	4:58	7:12	5:28	6:29	5:57	5:39	6:30	4:55	7:04	4:33
03	7:22	4:45	7:07	5:19	6:29	5:53	5:39	6:26	4:56	6:57	4:31	7:24	4:34	7:32	4:59	7:11	5:29	6:27	5:58	5:37	6:31	4:54	7:05	4:33
04	7:22	4:46	7:06	5:21	6:27	5:54	5:38	6:27	4:55	6:58	4:30	7:25	4:35	7:32	5:00	7:09	5:30	6:25	5:59	5:36	6:32	4:52	7:06	4:33
05	7:22	4:47	7:05	5:22	6:26	5:56	5:36	6:28	4:53	6:59	4:30	7:25	4:36	7:32	5:01	7:08	5:31	6:24	6:00	5:34	6:34	4:51	7:07	4:33
06	7:22	4:48	7:04	5:23	6:24	5:57	5:34	6:29	4:52	7:00	4:30	7:26	4:36	7:31	5:02	7:07	5:32	6:22	6:01	5:33	6:35	4:50	7:07	4:33
07	7:22	4:49	7:02	5:24	6:23	5:58	5:33	6:30	4:51	7:01	4:30	7:27	4:37	7:31	5:03	7:06	5:33	6:20	6:02	5:31	6:36	4:49	7:08	4:33
08	7:22	4:50	7:01	5:26	6:21	5:59	5:31	6:31	4:50	7:02	4:29	7:27	4:37	7:31	5:04	7:05	5:34	6:19	6:03	5:29	6:37	4:48	7:09	4:33
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14	7:20	4:56	6:54	5:33	6:12	6:05	5:22	6:37	4:44	7:07	4:29	7:30	4:42	7:28	5:10	6:57	5:39	6:09	6:09	5:20	6:44	4:43	7:14	4:34
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16	7:19	4:58	6:52	5:35	6:08	6:07	5:19	6:39	4:42	7:09	4:29	7:31	4:43	7:27	5:12	6:54	5:41	6:06	6:11	5:17	6:46	4:41	7:15	4:34
17	7:19	4:59	6:50	5:36	6:07	6:08	5:17	6:40	4:41	7:10	4:29	7:31	4:44	7:26	5:12	6:53	5:42	6:04	6:12	5:16	6:47	4:40	7:16	4:35
18	7:19	5:00	6:49	5:37	6:05	6:09	5:16	6:41	4:40	7:11	4:29	7:31	4:45	7:25	5:13	6:51	5:43	6:02	6:13	5:14	6:49	4:40	7:17	4:35
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20	7:18	5:03	6:46	5:40	6:02	6:11	5:13	6:43	4:39	7:13	4:30	7:32	4:47	7:24	5:15	6:48	5:45	5:59	6:15	5:11	6:51	4:38	7:18	4:36
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22	7:16	5:05	6:44	5:42	5:59	6:14	5:10	6:45	4:37	7:15	4:30	7:32	4:48	7:22	5:17	6:46	5:47	5:56	6:18	5:09	6:53	4:37	7:19	4:37
23	7:16	5:06	6:42	5:43	5:57	6:15	5:09	6:46	4:36	7:16	4:30	7:32	4:49	7:21	5:18	6:44	5:48	5:54	6:19	5:07	6:54	4:37	7:19	4:38
24	7:15	5:07	6:41	5:44	5:55	6:16	5:07	6:47	4:36	7:16	4:31	7:33	4:50	7:21	5:19	6:43	5:49	5:52	6:20	5:06	6:55	4:36	7:20	4:38
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30	7:10	5:15			5:46	6:22	4:59	6:54	4:32	7:21	4:33	7:32	4:55	7:15	5:25	6:33	5:55	5:42	6:27	4:58	7:02	4:34	7:21	4:42
31	7:09	5:16			5:44	6:23			4:32	7:22			4:56	7:14	5:26	6:32			6:28	4:57			7:22	4:43

Eastern Standard Time • U. S. Naval Observatory, Washington, DC 20392-5420
 Add one hour for daylight savings time when in effect (second Sunday in March and reverts back the first Sunday in November).

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