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NEW JERSEY Fish & Wildlife Digest

Photo by Roy Decker

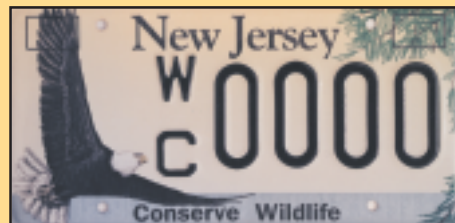


A SUMMARY OF RULES AND MANAGEMENT INFORMATION

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION - DIVISION OF FISH, GAME & WILDLIFE VOL. 13 NO. 1 AUGUST 1999

Visit our website at:
www.state.nj.us/dep/fgw

**Conserve Wildlife
License Plates**
Support Endangered and
Nongame Species
See page 27



NJ Division of Fish, Game & Wildlife Telephone Directory

Internet Address:	www.state.nj.us/dep/fgw
Commercial preserves & semi-wild preserves	609-984-6211
Deer & turkey permit hotline	609-292-9192
DEP Action Line - 24 hours	609-292-7172
Exotic & nongame captivity permits	609-292-9591
Falconry permit information	908-735-8793
Family fishing license	609-292-2965
General Information	609-292-2965
Hunter Education	877-2HUNTJ
Hunting, fishing, & duplicate licenses	609-292-2965
Operation Game Thief	800-222-0456
Outstanding deer & gobbler programs	609-292-9450
Pheasant & quail stocking information	609-292-1599
Rifle permit information	609-984-1400
Trout stocking hotline	609-633-6765
Wildlife conservation corps information	609-633-3616
Wildlife damage control	908-735-8793
Wildlife management area information	609-292-1599

Trenton Office

501 E. State St., PO Box 400, Trenton, NJ 08625-0400	
Endangered and Nongame Species	609-292-9400
Freshwater Fisheries	609-292-1599
Land Management	609-292-1599
Law Enforcement	609-292-9430
Marine Fisheries	609-292-2083
Wildlife Education	609-292-9450
Wildlife Management	609-292-6685

Northern Region Office

26 Route 173 W., Hampton, NJ 08827	
Law Enforcement (Bergen, Essex, Hudson, Hunterdon, Morris, Passaic, Somerset, Sussex, Union, and Warren Counties)	908-735-8240
Endangered and Nongame Species	908-735-8975
Wildlife Damage Control	908-735-8793
Wildlife Management	908-735-7040
Land Management	973-383-0918

Pequest Trout Hatchery and Natural Resource Education Center

605 Pequest Rd., Oxford, NJ 07863 908-637-4125

Lebanon Freshwater Fisheries Lab

PO Box 394, Lebanon, NJ 08830 908-236-2118

Central Region Office

386 Clarksburg-Robbinsville Rd., Robbinsville, NJ 08691	
Law Enforcement (Burlington, Mercer, Middlesex, Monmouth, and Ocean Counties)	609-259-2120
Land Management	609-259-2132
Wildlife Damage Control	609-259-7955

Southern Region Office

220 Blue Anchor Rd., Sicklerville, NJ 08081	
Information	856-629-0090
Law Enforcement (Atlantic, Camden, Cape May, Cumberland, Gloucester, and Salem Counties)	856-629-0555
Land Management	856-629-5006
Freshwater Fisheries	856-629-4950
Wildlife Damage Control	856-629-7224
Wildlife Education	856-629-7214

Nacote Creek Research Station

PO Box 418, Port Republic, NJ 08241	
Marine Law Enforcement	609-748-2050
Marine Fisheries	609-748-2020
Shellfisheries	609-748-2040
Marine Education	609-748-2031
Wildlife Management	609-748-2063

Bivalve Shellfish Office

PO Box 432, Port Norris, NJ 08349 856-785-0730

Where to Write Us

New Jersey Division of Fish,
Game & Wildlife
P.O. Box 400
Trenton, NJ 08625-0400
Internet: www.state.nj.us/dep/fgw

Hunters are key players on the Deer Management Team



Director's Message By Bob McDowell

The white-tailed deer is one of New Jersey's many wildlife assets, providing countless days of recreation for the sporting public. Deer are also one of our wildlife management success stories, having been re-established from a herd of fewer than 100 at the turn of the century. Unfortunately, deer are now viewed in some areas as a liability because their numbers have exceeded the "cultural," as opposed to the "biological," carrying capacity of the land.

The Division of Fish, Game and Wildlife recognizes there are too many deer in agricultural areas of Hunterdon County. The Division knows that agriculture is a vital component of our state's economy. However, so is wildlife. The wildlife resource generates nearly \$4 billion annually, with deer hunting alone contributing more than \$100 million to the small businesses of the state.

The Division has been cooperating with the Department of Agriculture, New Jersey Farm Bureau, farmers, sportsmen and landowners in Hunterdon County and in other problems areas to reduce the deer population while continuing

continued on page 3

Mission

To protect and manage the state's fish and wildlife to maximize their long-term biological, recreational and economic values for all New Jerseyans.

Goals

1. To maintain New Jersey's rich variety of fish and wildlife species at stable, healthy levels and to protect and enhance the many habitats on which they depend.
2. To educate New Jerseyans on the values and needs of our fish and wildlife and to foster a positive human/wildlife co-existence.
3. To maximize the recreational and commercial use of New Jersey's fish and wildlife for both present and future generations.

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New Jersey Fish & Wildlife Councils

Fish and Game Council
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Fred Hough, Augusta
George Howard, Pittstown
Jane Morton Galeto, Millville
Elwood Knight, Mount Laurel
Dr. John E. Kuser, Princeton
Bill Martin, Flemington
Madelyn Picone, Cedar Knolls
Charles Suk, Denville
Robert Von Suskil, Vineland

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Walter Hughes, Atlantick Highlands
Daniel L. Loper, Erma
Stephen Potter, New Gretna

Delaware Bay Shellfish Council
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Scott Bailey, Millville
William Bradway, Port Norris
Stephen Fleetwood, Port Norris
Nancy Sittineri, Cape May Court House

License Information 1999-2000 License Fees

Firearm Licenses

Resident Firearm Hunting	\$ 22.00
Jr.-Sr. Resident Firearm Hunting (14 & 15 years; 65 yrs & older)	10.75
Juvenile Hunting (Resident & Non-Resident 10-13 years)	3.00
Non-Resident Firearm Hunting	100.00
Non-Resident Two-Day Small Game Firearm Hunting	27.50
Special One-Day Hunting (On Commercial Preserves Only)	7.75

Bow and Arrow Licenses

Resident Bow & Arrow Hunting	26.25
Jr.-Sr. Resident Bow & Arrow Hunting (14 & 15 years; 65 yrs & older)	12.00
Juvenile Bow & Arrow (Resident & Non-Resident 10-13 years)	3.00
Non-Resident Bow & Arrow Hunting	100.00

Trapping Licenses

Resident Trapping	32.00
Jr. Resident Trapping (12-15 years)	13.75
Non-Resident Trapping	150.00

Permits

Permit Bow Season Deer Permit	21.75
Permit Shotgun Season Deer Permit	21.75
Permit Muzzleloader Season Deer Permit	21.75
Turkey Season Permit	16.25
Rifle Permit (2-year Permit)	14.00

Stamps

Woodcock Hunting Stamp	2.75
Pheasant & Quail Stamp	22.00
Resident Waterfowl Stamp	5.00
Non-Resident Waterfowl Stamp	10.00

Miscellaneous Licenses

All-Around Sportsman (Includes Resident Firearm Hunting, Bow & Arrow Hunting & Fishing Licenses)	60.50
Duplicate License	2.00

NOTE: License fees are subject to change.

Hunters Are Key continued from page 2

to provide for recreational hunting. However, it is landowners who hold the key to solving any deer overpopulation problems.

The biggest challenge facing deer management today is providing hunters with access to the land. A recent study by the Rutgers University Center for Wildlife Damage Control determined that 43% of the farmers surveyed indicated the presence of a "deer refuge" within one mile of their most severe losses. In areas throughout the state where hunters are allowed on the land in sufficient numbers, the deer herd is under control and crop damage is minimal.

Since more than 80% of New Jersey's deer population occurs on private land, landowners are indeed the key to successful deer management. This year's proposed deer season format offers landowners an excellent opportunity to encourage recreational hunting as a means for managing deer. However, merely allowing hunting is not sufficient. Landowners must encourage hunting practices that ensure that sufficient antlerless deer are harvested to reduce the population and minimize crop damage. If you are a member of a hunting club or an individual who has access to any of these problem areas, it is extremely important you harvest enough antlerless deer to reduce the population and minimize crop damage.

If landowners need help in contacting hunters, the Division will provide a list of available hunters and ensure that those selected have access to the necessary permits. Landowners seeking information on hunter availability by deer management zone call 609-292-6685. In addition, the Division has developed a guide to assist farmers, landowners and hunters in better managing deer and deer hunting on their lands. For a free copy of this brochure write "Deer Hunting and the Farmer", P.O. Box 400, Trenton, NJ 08625-0400.



Eighth Annual Governor's Surf Fishing Tournament

Sunday, October 3, 1999
at Island Beach State Park
6 a.m. - 2:30 p.m.

Open to Individuals
of All Ages
Prizes

Free Gifts
Fishing Clinics
Registration Required

Call 908-637-4125 to
Request
Registration Brochure

Don't Miss a Day Full
of Family Fun

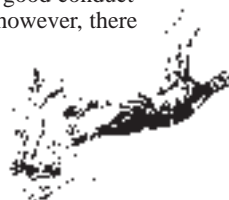
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Hunter's Responsibilities

There are certain do's and don'ts that all hunters must consider with respect to their manners in the field. Remember, in most cases, courtesy and sportsmanship are related to safety.

All sports are played with established rules, procedures and referees. Hunting also has established rules for good conduct and sportsmanship; however, there are few referees. Hunters have the responsibility for self-enforcement.



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Highlights of Changes in the 1999-2000 Hunting Regulations

In an attempt to standardize deer hunting regulations and enhance efforts to achieve antlerless deer harvest objectives, many important changes in the hunting regulations have been made for the 1999-00 deer seasons.

The most important of these changes is limiting hunters to one antlered buck per season or permit for all seasons except the six-day firearm season. This will not only more equitably distribute the antlered buck harvest between the seasons but will also increase the antlerless deer harvest. The bag limit for the six-day firearm season remains at two antlered deer.

Another change is to make the supplemental and bonus deer transportation tags valid on the day of issuance statewide. This change will enhance efforts to achieve antlerless deer harvest objectives in deer management zones and seasons where the antlerless deer bag limit is more than one. The change will increase hunter participation by allowing hunters to harvest more than one deer per day. It will also enable hunters to harvest more deer with fewer days off from work. One of the most common reasons for decreased hunter activity is not enough free time. This change will maximize their harvest and increase the overall harvest.

The bag limit for bonus tag zones has been changed to one antlered buck and unlimited antlerless deer per season or per permit during special permit season. This will enhance efforts in achieving the antlerless objectives and increase the total deer harvest to reach the desired deer population.

In many zones where farmers are experiencing deer damage, hunters are required to take an antlerless deer first before taking an antlered buck for all seasons except the six-day firearm season. The primary purpose of this change is to increase the antlerless deer harvest in agricultural and urbanized zones. These zones also have an unlimited antlerless deer bag limit to further assist efforts to increase the antlerless deer harvest.

The legal hunting hours have been changed to one-half hour before sunrise to one-half hour after sunset. This change will standardize the legal hunting hours and simplify the regulations.

Various adjustments have been made in the permit bow, permit muzzleloader, and permit shotgun season dates, lengths, bag limits, and permit quotas. The changes were made due to annual changes in hunter success rates, antlerless harvest objectives and goals, and anticipated lottery and over-the-counter demand for special permits.

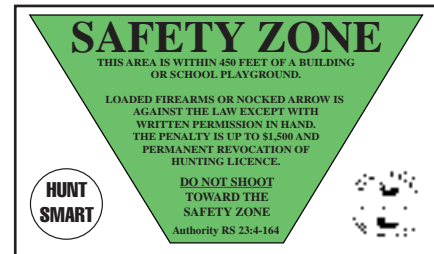
Another change provides hunters with the option of taking two deer at a time during the permit shotgun season in some deer management zones. This will allow a hunter the opportunity of shooting two deer at once before going to the check station. This will increase hunter participation and increase the harvest.

In certain zones, the permit shotgun season has been extended to 31 days. In some zones, the permit bow season has been extended to the end of December. These two changes provide the hunter with more days to hunt and will increase the overall harvest.

All of these changes in regulations for the 1999-00 deer seasons will increase the antlerless harvest and aid in the effort to decrease the deer population which is the population strategy for most of the state.

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 huntable land, such that SAFETY ZONE awareness is even more critical for modern hunters.



What is a SAFETY ZONE?

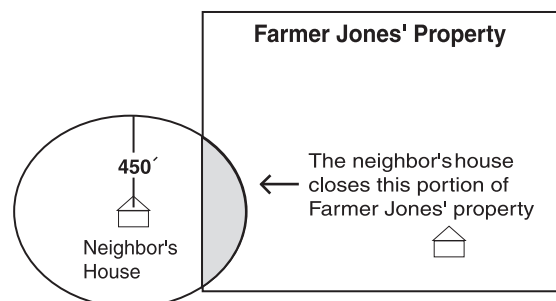
- * The SAFETY ZONE is the area within 450 feet of a building or school playground, even if not occupied.
- * The SAFETY ZONE is the place where you, the hunter, cannot carry a loaded firearm or nocked arrow unless you have written permission in hand.
- * The SAFETY ZONE was established by legislation 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.



General Hunting Regulations

No person shall hunt except as prescribed by law. See section "Permits for Hunters with Disabling Conditions", page 8, for special rules.

Persons required by law to wear corrective lenses to operate a motor vehicle (as noted on a valid driver's license) must wear corrective lenses when hunting with a bow or firearm of any kind.

SPECIFICALLY PROHIBITED:

- Carrying a loaded firearm or nocked arrow within 450 feet of a building or school playground without possessing written permission from the owner or lessee.
- Discharging a firearm or a bow and arrow on or across highways or roads. Discharging a firearm or a bow and arrow from a motor vehicle.
- Hunting for or shooting any wildlife by aid of a light, except when hunting raccoon or opossum while on foot.
- Hunting or shooting with the aid of a light attached to or carried in a vehicle.
- On National Wildlife Refuges, the distribution of bait and/or hunting over bait is prohibited. Check the Special Area Hunting Season information on page 45 for details.
- At the Delaware Water Gap National Recreation Area, the distribution of bait and/or hunting over bait is prohibited.
- Hunting with arrows, darts or any other device propelled by any means that is used for the purpose of injecting or delivering any type of drug into an animal.
- Using electronic calling devices except when hunting for fox, raccoon, crow and coyote.
- Loaded firearms in a motor vehicle. Possession of a loaded firearm in a vehicle is considered proof of pursuing or taking of wildlife.
- Transporting an uncased firearm in a motor vehicle.
- Shooting into a squirrel's nest.

Hunter Orange

Hunters must wear a cap made of daylight fluorescent orange or an outer garment containing at least 200 square inches of fluorescent orange material visible from all sides. A camo orange hat alone is not adequate.

This applies to all persons while hunting deer, rabbit, hare, squirrel, fox, railbirds, and all game birds.

Exceptions: this law does not apply to waterfowl, crow, spring wild turkey, coyote nor bow hunters except that a bow hunter using a deer decoy must wear hunter orange, as described above, while transporting the decoy into and out of the woods and fields.

Trespass Law

Hunters and trappers are required to secure permission prior to entering private agricultural lands to hunt. The enacted law provides that these lands need not be posted to enforce the trespass law.

Hunters must not hunt in unharvested crops without first obtaining permission from the owner. Anyone causing damage to cultivated crops, orchards, fences, buildings or livestock may be arrested without warrant by the owner, occupant, lessee, or any officer of the law. Violators are liable for a fine of up to \$2,000 and restitution to the property owner in addition to the loss of hunting privileges for a period of 2 years.

Hunting on Sunday

No person may hunt with firearms or any other weapon or carry a gun in the woods or fields or on the waters on Sunday except on semi-wild & commercial shooting preserve lands for the purpose of shooting stocked game.

Persons are allowed to hunt raccoon or opossum between midnight on Saturday and one hour before sunrise on Sunday during the prescribed season.

Farmer Regulations

The occupant of a farm may allow his dog to run at large on land he occupies, except during the firearm deer seasons.

Farmers and their lessees occupying or farming their land, members of their immediate families, or their farming employees may kill crows, woodchuck, and fox on farm property at any time when found destroying livestock or crops. However, they must use legal firearms, ammunition and other lawful procedures.

Farmers may trap foxes destroying poultry, crops or property at any time, subject to state law and local ordinances. Farmers or their agents may shoot or trap coyotes by lawful procedures at any time when found destroying livestock or crops. A regional Division law enforcement office must be notified within 24 hours of killing a coyote.

Use of Dogs

Allowing dogs to run at large is prohibited.

Persons may train dogs without firearms in daylight at any time except during any open firearm deer season.

No person shall train a raccoon or opossum hunting dog other than during the periods of September 1 to October 1, 1999 and from March 1 to May 1, 2000. Training hours shall be one hour after sunset to one hour before sunrise.

It is illegal to use dogs to pursue or run black bear.

Note: For special areas and regulations for dog training on WMAs see the section of Wildlife Management Area Regulations, page 48.

Non-Resident Game Removal

A non-resident licensee may remove from the state each day a daily bag limit of game. However, a non-resident may not take more than two day's bag limit from the state after one week's stay (Sunday to Saturday inclusive). This does not apply to game raised or killed at a licensed commercial preserve and legally tagged.

Falconry

No person shall use a raptor for hunting without a falconry permit and a valid hunting license. No person under 14 years of age may hunt by means of a raptor.

Falconry permits will be issued only to persons who pass a comprehensive examination and who can provide proper facilities for housing a raptor.

Beginning falconers must be sponsored by an experienced falconer.

No person shall possess a firearm while hunting with raptors.

For additional information, write to the Division of Fish, Game and Wildlife.

Bow and Arrow

"Bow" means any long bow, recurve bow or compound bow that is hand held and hand drawn, with no mechanical device built into it or attached to it that will enable the archer to lock the bow at a full or partial draw. All draw locking and draw holding devices are prohibited. Hand held release devices are permitted.

All bows must have a minimum draw weight of 35 pounds at the archer's draw length, except compounds, which must have a minimum peak draw weight of 35 pounds. All arrows used for hunting deer, turkey, coyote, or woodchuck must be fitted with a well-sharpened metal head with a minimum width of 3/4 inches.

Arrows fitted with heads other than specified for deer, turkey, coyote or woodchuck, may be carried in

the woods and fields during the small game season or other seasons which overlap with the bow and arrow deer season.

It is unlawful to:

- use a crossbow or variation,
- use or possess a poison arrow or one with an explosive tip,
- use a bow one-half hour after sunset until one-half hour before sunrise during any season except coyote,
- use a bow and arrow from any vehicle, moving or stationary,
- have both a firearm and bow in possession or under control while hunting.

Muzzleloading Rifles

A valid rifle permit must be possessed while hunting with a muzzleloading rifle.

It is unlawful to hunt with a muzzleloading rifle on wildlife management areas, except for deer hunting and squirrel hunting during the special season in certain zones. For muzzleloader rifle squirrel hunting, see page 12. For muzzleloader deer hunting, see page 18. For rifle permit information, see page 6.

.22 Rifles

A valid rifle permit must be possessed while hunting with a .22 caliber rifle.

It is unlawful to possess and use .22 caliber rifle except while hunting woodchuck, hunting raccoon and opossum with hounds, and dispatching trapped animals other than muskrat.

.22 caliber rifles must be loaded with short cartridges only, except when hunting woodchuck.

.22 caliber rifles need not be plugged, but must be loaded with no more than 3 shells. No 10-17 year olds may hunt with any modern rifle.

Firearms and Missiles

A person may not go into the woods or fields with a firearm except during prescribed seasons.

Airguns are not legal hunting firearms.

It is unlawful to possess in the woods and fields shot larger than no. 4 fine shot except for hunting deer, waterfowl, woodchuck or coyote.

No shotgun capable of holding more than three shells at one time may be used for hunting.

Wildlife

Taxidermists note: the sale of wild birds and game animals or parts thereof is prohibited in New Jersey.

Legally trapped furbearers may be sold. Questions concerning the above should be directed to regional Division law enforcement offices.

It is illegal to capture, kill, injure or have in possession any wild bird other than a game bird.

No one may rob a bird's nest.

The removal of the skin or feathers or mutilation of any wild bird or mammal in the woods or fields for the purpose of concealing sex or identity is illegal.

All nongame mammals, reptiles, birds and amphibians are protected. Penalties for taking these species range from \$250-\$5,000.

There is no open season on black bears or bobcats. It is illegal to kill, attempt to kill or possess these animals.

Wildlife Damage Control

Property owners or their agents, and occupants of dwellings that are suffering damage from squirrel, raccoon, opossum, skunk, woodchuck or weasel may control them by lawful means at any time subject to local ordinances.

1999 - 2000 Summary of Hunting & Trapping Laws

This is not the full law. Consult the Division of Fish, Game and Wildlife for further details. All persons are reminded that the statutes, code and regulations are the legal authorities.

Hunting & Trapping Licenses

All persons hunting or trapping must be properly licensed. It is unlawful for any person age 10 or older to hunt without hunting license. It is unlawful for any person age 12 or older to trap without a trapping license. All hunters and trappers must openly display their license or permit on their outer clothing and must show their license to any police officer or any person requesting to see it.

Licenses and stamps may be purchased from participating county or municipal clerks, license agents and selected Division of Fish, Game and Wildlife offices.

Lost Licenses

Lost licenses can be replaced at all Division law enforcement offices, the Trenton office and the Pequest Natural Resource Education Center. To replace a lost license, either mail or hand deliver the carbon copy issued with the license along with a \$2.00 check to any Division law enforcement office, the Trenton office, or Pequest. Duplicate stamps will not be issued, but may be purchased separately.

License Revocation

Anyone convicted of a second fish and game violation within a period of 5 years will have their New Jersey hunting and fishing privileges revoked for 2 years. Certain violations carry greater periods of revocation, ranging from 3 years to lifetime revocation. Two convictions of the following will result in lifetime revocation: safety zone violation; causing damage to real or personal property; and negligent use of a firearm or bow.

Resident Licenses

Resident licenses may be purchased if one has resided in the state for 6 months immediately prior to application.

Non-Resident Licenses

Non-residents must show either a resident license from their state or proof of successfully completing an appropriate hunter education course, in order to obtain a license to hunt or trap in New Jersey.

Resident & Non-Resident Juvenile Licenses

The Division may issue a license to hunt with firearm or bow to youngsters 10-13 years. These young hunters must first complete the proper hunter education course and hunt only when accompanied by a properly licensed adult who is at least 21 years of age. Upon reaching 14 years of age, juveniles may obtain either a resident or non-resident hunting license by presenting the juvenile licenses to an issuing agent along with the proper fee. Juveniles who turn 14 years of age during the license year may continue to hunt with the juvenile licenses until December 31 as long as they are accompanied by properly licensed adult who is at least 21 years of age.

Licenses for Non-Resident Servicemen

Any person on active duty in the armed services may buy a resident hunting license upon presenting a previous resident license of the appropriate type or proof of successfully completing the appropriate hunter education course to the agent.

Licenses for National Guard Members

Eligible National Guard personnel are entitled to free licenses, permits, and stamps. Further information can be obtained by writing to: NJ Department of Military/Veteran Affairs, 101 Eggert Crossing Rd., Lawrenceville, NJ 08648, Attn: 1st Sgt. Turrien.

Special One-Day License

A one-day license may be issued for hunting on a licensed commercial shooting preserve. This license may be obtained at the shooting preserve and is valid only on the day issued for the species covered by the preserve's license. Hunter Education requirements still apply. Semi-wild and commercial preserves are exempt from zone closures during special deer seasons.

Farmer License Exemption

A farmer and the immediate members of the family who also reside on the farm may hunt, trap and fish on the farm without being licensed or possessing a valid rifle permit (a farm is defined as an area of at least 5 acres and having gross income of at least \$500, and tax assessed as farmland).

This exemption does not apply to a tenant or employee who is not an immediate family member. Also: See Farmer Deer Permits section.

Hunting & Trapping Education Requirements

New Jersey requires that anyone applying to hunt with a shotgun, rifle or bow show a previous resident license of the appropriate type from this or any state, or a course completion card of the appropriate hunter education course.

All hunter education courses are pre-scheduled with rosters generated from the regional offices. You must apply to be scheduled for a hunter education course.

Application forms for the hunter education courses may be obtained from most license agents, sporting goods dealers and Division offices. Completed application forms must be returned to the regional office at the address on the application. Students will then be notified when and where to report for the courses. Apply early! Persons applying just prior to the hunting seasons most likely will not be scheduled in time to hunt those seasons.

Permits

Permit Revocation

The Division may revoke any permit or other authorization issued for violation or due cause.

Rifle Permits

A valid rifle permit is required for: deer hunting with a muzzleloading rifle; squirrel hunting with a muzzleloading rifle; coyote hunting with a muzzleloading rifle, woodchuck hunting with a rifle; raccoon and opossum hunting with a .22 caliber rifle; and for dispatching trapped animals other than muskrats with a .22 caliber rifle. Initial rifle permit applicants must be at least 10 years old and have completed a rifle hunter education course. Applications for rifle permits may be obtained at the Division's Trenton office. Rifle permits for 10 to 17 years olds will be valid only for muzzleloader deer hunting, muzzleloader squirrel hunting, and muzzleloader woodchuck hunting. No 10-17 year olds may hunt with modern rifles, neither centerfire nor rimfire.

Falconry Permits

Hunting with raptors (birds of prey) is only allowed with a Falconry Permit and a hunting license. See the section of falconry for hunting rules.

Permits to Possess Road-Killed Deer

Deer which have been accidentally killed by motor vehicles may be possessed for private consumption only by obtaining a free permit from the local police department or from a Division regional law enforcement office. Wrapped packages of the venison must be labeled with the permit number. The permit only authorizes the possession of the meat for consumption and prohibits the possession of any other parts.

Captive Wildlife Permits

The possession, ownership and release of wildlife is regulated and only for limited purposes. The public is urged to leave wildlife in the wild where it belongs. You may not possess or liberate any game, nongame, or exotic mammal, bird, reptile or amphibian without a permit from the Division. Permits are required for the possession of most non-game species and all game species.

Wildlife from wild origin cannot be kept in captivity by the general public. Certain species of wildlife bred in captivity may be purchased and possessed from licensed breeders and dealers. Information and applications may be obtained by calling:

Nongame and Exotics

609-292-9591

Gamebirds and Mammals

609-984-6211

Beaver & Otter Permits

Beaver and otter may be trapped by special permit only. Additional information can be obtained by writing to the Division beginning October 1, 1999. Application period is Oct. 15-Nov. 15, 1999.

Field Trial Permits

Field trials are allowed on designated WMAs with the appropriate permit. Call 609-259-2132.

Horseback Riding Permits

Horseback riding is allowed on designated WMAs with an appropriate permit. Call 609-259-2132.

Deer Season Permits

Permits are required to hunt during the Permit Bow, Permit Muzzleloader and Permit Shotgun deer seasons. Applications and instructions are on pages 53-56. If you are applying for a muzzleloader deer permit and do not have a valid rifle permit, apply for the rifle/muzzleloader hunter education course when you submit your deer permit application.

Coyote Hunting Permits

Coyotes may only be taken by persons possessing a permit. The coyote hunting season will be January 30 through February 15, 2000. Interested applicants must submit a 3"x5" index card continuing their name, mailing address, date of birth and evening phone number to the Division of Fish, Game and Wildlife, Post Office Box 400, Trenton, NJ 08625-0400 between October 14 and November 14, 1999. A \$2.00 processing fee must accompany the application. Applicants

continued on page 8

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*Summary of Hunting & Trapping
continued from page 6*

must write "coyote hunting season" at the bottom of the card. See page 12 for coyote regulations.

Turkey Hunting Permits

A permit is required for both spring and fall turkey hunting. Applicants will apply for both the spring and fall seasons on one application form available in mid-January. In spring 2000, turkey hunting information and application forms will be available at license agents and Division offices in mid-January. Completed forms must be mailed back to Trenton between February 1 and February 22, 2000.

Permits for Farmers

Farmer Deer Season Permits

The Legislature passed a law this spring to change the requirements for obtaining a free farmer deer permit. There will be two types of applications and farmer applicants can decide for which it is easiest to qualify. Farmers may only apply with one application. The first is for the farmer and his family who reside on their farm (occupant). He must have at least 5 acres of land that is also tax-assessed as farmland. The permit will be valid for the farm property where the applicant resides.

The second application is for the farmer who does not reside on his farm (non-occupant). The farmer must actively farm at least 30 tilled acres. Woodlots can not be used to qualify. A copy of all leases authorizing the agricultural and hunting uses of the land must be attached to the application. No more than 5 people may receive permits for the same farm. The permit will be valid for the entire zone applied for. An applicant who lives on the farm and actively tills at least 30

acres may also apply with this form.

The farmer deer permit applications are available from county agricultural agents, Division offices, and conservation offices.

Farmers are encouraged to send in their applications as early as possible since additional review of applications will be necessary. Farmers and their family members may also apply for regular deer permits in addition to the free farmer deer permits by completing the deer permit application included in this digest issue and enclosing a license stub and appropriate fee.

**Permits for Hunters with
Disabling Conditions**

Information about permits for hunters with disabling conditions should be requested in writing from the Division's Trenton office, PO Box 400, Trenton, NJ 08625-0400.

Permits for Physically Challenged Hunters

A permit for certain physically challenged persons may be issued to use alternative methods/equipment for taking game during prescribed seasons. The application period is January 1 to August 31 of each year.

Permits to Shoot from a Standing Vehicle

A permit to shoot or hunt from a standing vehicle that is parked off the road may be issued to licensed hunters who are paraplegics. Paraplegia is defined by paralysis of the legs and lower half of the body due to spinal injury or disease

A permit to hunt from a vehicle or conveyance off established roads on wildlife management areas is also available.

Bow Use Permit

A Bow Use Permit may be issued to disabled hunters who cannot use a conventional bow as

described in the Game Code. This permit will allow the alteration of a long bow, recurved bow or compound bow with a mechanical device that will enable the archer to draw and cock the bow at full or partial draw length. This permit will be issued only if the need is certified by a licensed, certified New Jersey physician.

Stamps

Stamps are not transferable to another person and are not valid unless signed across the face in ink.

Woodcock Hunting Stamp

Anyone hunting woodcock on private or public land must obtain a Woodcock Hunting Stamp, in addition to the regular hunting license. An HIP number is also required. See page 11 for details.

Pheasant & Quail Stamp

Anyone hunting or possessing pheasant or quail on the following designated Wildlife Management Areas shall have in possession a current Pheasant and Quail Stamp: Assunpink, Berkshire Valley, Millville, Black River, Clinton, Colliers Mills, Dix, Flatbrook-Roy, Glassboro, Greenwood (including Pasadena-Howardsville), Heislerville, Tuckahoe, Mad Horse, Manahawkin, Manasquan River, Medford, Nantuxent, Peaslee, Pequest, Port Republic, Stafford Forge, Walpack, Whittingham and Winslow. Other designated areas include the Delaware Water Gap National Recreation Area and Fort Dix.

New Jersey Waterfowl Stamp

Anyone 16 or older wishing to hunt waterfowl must possess a New Jersey Waterfowl Stamp in addition to the Federal Duck Stamp. An HIP number is also required. See page 11 for details.

**New Jersey Division of Fish,
Game and Wildlife**



presents the
1999

Garden State Deer Classic

September 18 & 19, 1999

At the Brian Parent Center,
Holly Farm, Millville,

Rt. 49, 2 1/2 miles west of Rt. 55

Sponsored by New Jersey
Federation of Sportsmen's Clubs

Hosted at the South Jersey
Sportsmen's Jamboree, Millville



Saherua Flagg, 14, from South Orange, New Jersey took his first deer on the Clinton Wildlife Management Area

**Pass on the
tradition -
enroll a
youngster
in a Hunter
Education
course**

Start them out right: learn about firearms safety, bow and arrow safety, hunter responsibility and the hunter's place in wildlife management.

Pick up an application at any license issuing agent.

Remember, hunter safety isn't inherited, it must be taught.

**TAKE A KID HUNTING
YOUTH PHEASANT HUNT
SATURDAY, NOV. 6, 1999**

WMA	guided morning	open after 3 pm	open all day
Whittingham	X	X	
Black River	X	X	
Flatbrook			X
Clinton	X	X	
Assunpink	X	X	
Colliers Mills	X	X	
Glassboro			X
Millville	X	X	
Peaslee	X	X	

Guided: Pre-registration required. See details, this page.

Open - afternoon: Any youth hunter, between 10 and 15 years old, with either a Juvenile or Junior-Senior Hunting License. Youths, accompanied by a licensed, non-shooting adult, will be permitted to hunt on the listed Wildlife Management Areas on November 6, 1999 from 3:00 p.m. until sunset.

Open - all day: Any youth hunter, between 10 and 15 years old, with either a Juvenile or Junior-Senior Hunting License. Youths, accompanied by a licensed, non-shooting adult, will be permitted to hunt on the listed Wildlife Management Areas on November 6, 1999 from 8 a.m. until sunset.

**Youth Duck Hunt Day
Sept. 25, 1999
TAKE A KID HUNTING**

Youth hunters 10-15 years old, accompanied by a non-shooting adult (18 years of age or older) will be permitted to hunt for waterfowl statewide from 1/2 hour before sunrise to sunset on Sept. 25, 1999. See the migratory game bird supplement and watch for news releases for further details. Non-toxic shot required

Bag limit: Same as regular duck season. No Federal or State Duck Stamp required for youths.

**Take a Kid Hunting
Pheasant Hunt:
November 6, 1999**



The 1999 Take a Kid Pheasant Hunt will allow properly licensed youth hunters ages 10 through 15 years old to hunt on one of 7 (seven) stocked Wildlife Management Areas (WMA) on Saturday morning, November 6, 1999. In a cooperative effort between the Division of Fish, Game and Wildlife and the NJ State Federation of Sportsmen's Clubs, volunteer hunting mentors with trained bird dogs will guide youth hunters on a pheasant hunt. This experience will increase the young hunters' opportunity for harvesting a pheasant in a setting which encourages responsible and safe hunting practices.

All participants must pre-register and be accompanied to the check-in by a parent or guardian. Parents or guardians are welcomed and encouraged to follow the hunters through the fields. All pre-registered hunters will receive an information packet. Two sessions will be offered, starting at 7 a.m. and 12 noon.

Only 25 youth hunters will be allowed on each WMA during each session. If the number of applicants exceeds the number of slots available, a random drawing will be held to select participants. To register, please send the application found on this page to the address below. All entries must be postmarked by October 15, 1999. Information will be mailed on October 22, 1999.

Send application to: Take a Kid Hunting, NJ Div. of Fish, Game & Wildlife, PO Box 400, Trenton, NJ 08625-0400.

Youth Hunter

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Home Phone: _____ Hunting License # _____

1. Select WMA (Check only 1):

- Assunpink Black River Clinton Colliers Mills
 Millville Peaslee Whittingham

2. Preferred Time: 7 a.m. 12 noon

3. Have you attended the Take A Kid Hunting Pheasant Hunt before?

- NO YES-1995 YES-1996 YES-1997 YES-1998

**Youth Upland Bird Hunting Day
Saturday, November 6, 1999**

Youth hunters between the ages of 10 and 15 years old, with either a Juvenile Hunting License or a Junior-Senior License, accompanied by a licensed, non-shooting adult, will be permitted to hunt on licensed semi-wild preserves. Youths can hunt for pheasants, quail, and/or chukars on Saturday, November 6, 1999 from 8:00 a.m. to sunset. This is a great opportunity for hunters belonging to semi-wild preserves to introduce youth hunters to upland bird hunting without competition from adult hunters.

Get Your Dog, Grab a Kid, and Go!

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1999 - 2000 Migratory Bird Regulations

Duck and goose regulations were not available as of the printing of this DIGEST. Watch for press releases that will provide information on season dates and bag limits as soon as they are set in late August. When finalized, migratory bird hunting regulations will be published in the New Jersey Migratory Bird Regulation Supplement available in September. Migratory bird season dates published in the Migratory Bird Regulation Supplement supersede those printed in this DIGEST if there are discrepancies.

The TENTATIVE dates for Special Canada goose seasons, sea ducks, rails, gallinules, snipe, crows and woodcock are as follows. The following dates are tentative and will not become final until approved by the U. S. Fish and Wildlife Service (USFWS).

Tentative Dates

Special September Canada Goose	Sept. 1 - 30
Special Winter Canada Goose	Jan. 15 - Feb. 15, 2000
Sea Ducks	Sept. 18 - Jan. 20, 2000
Rails, Gallinules (Moorhens)	Sept. 1 - Nov. 9
Snipe	Sept. 24 - Jan. 8, 2000
Crows (Mon, Thur, Fri, Sat)	Aug. 2 - Mar. 11, 2000
Woodcock	North Zone: Oct. 20 - Nov. 12
South Zone:	Nov. 13 - 27
Mourning Dove	Closed
Youth Waterfowl Hunting Day	Sept. 25

Migratory bird hunters must obtain a Harvest Information Program (HIP) number before hunting ducks, geese, brant, woodcock, rails, snipe, coots or gallinules in New Jersey by calling 1-800-WETLAND. The HIP number and phone call are FREE and the automated system operates 24 hours a day, 7 days a week. Note that a hunting license number is required when obtaining a HIP number so hunters should obtain a hunting license before calling. After receiving the HIP number, write it on the front of your hunting license in the space next to "1999/00 Fall/Winter NJ HIP#". The HIP number is valid until the end of the hunting season on March 10, 2000. Call 1-888-764-7343 if you have problems getting your HIP number. Note that if you hunt migratory birds in another state, you will need to get a HIP number for that state. Information collected in HIP is confidential and is used by the USFWS for conducting harvest surveys for migratory birds.

Long-term duck population surveys in mid-continent areas of North America are again expected to be above average due to above average water and upland habitat conditions there. However many areas of eastern North America (where most Atlantic Flyway ducks are derived) have experienced some of the driest spring conditions on record.

Migrant Canada goose populations have recovered substantially since the closure of the regular Canada goose season in 1995. However this migrant population remains below population objectives. Early snow melt in sub-arctic regions in 1997 and then again in 1998 resulted in excellent gosling production during both years. Early spring conditions are predicted again in 1999. These 3 consecutive years with above average young production are encouraging and will play a key role in the recovery of this population. A limited regular Canada goose season with a bag limit of 1 bird may be held in 1999.

Atlantic brant populations are above their long term average. As a result, brant hunting regulations may be more liberal than last year, particularly if young production is good in Arctic breeding areas this year. Snow goose populations remain very high and liberal bag limits as well as seasons extending to March 10 in some areas are expected. Check the Migratory Bird Regulation Supplement for season dates and bag limits.

Note that there are no special permit requirements for either the Special September or the Special Winter Canada Goose Seasons. As with all waterfowl hunting seasons, a hunting license, federal Migratory Bird Hunting Stamp and New Jersey Waterfowl Stamp are required to participate in these seasons. The Special September Canada Goose Season will be open statewide. The Division anticipates a special winter Canada goose season similar to the season held in New Jersey during January/February 1999, however a final decision on this season will not be made by the USFWS until August. Note that any approved special winter season will not be held statewide. The winter season is targeted at resident geese and is held in areas of the state with relatively low proportions of wintering migrant Canada geese. The season is held in two distinct zones, one in the northern and the other in the southeastern portion of the state. Check the 1999-2000

Migratory Bird Regulation Supplement for exact zone boundary descriptions.

Individuals recovering banded migratory birds are reminded to report the band number by calling the U.S. Department of the Interior's Bird Banding Laboratory (BBL) in Washington, D.C., toll free at 1-800-327-BAND. When you call, you will need to provide the operator with the band number, the date the bird was recovered, the exact location the bird was recovered (including the nearest town) and the method of recovery (for example, shot or found dead). Hunters may keep the bands. In most cases, the operator will be able to keypunch the band number and instantly tell the caller the date and location of banding, as well as the age and sex of the bird at banding. In all cases, the BBL will mail the caller a Certificate of Appreciation with the same information. The information provided by banding data is critical in making management decisions regarding migratory birds.



ATTENTION MIGRATORY BIRD HUNTERS

Required since Fall 1998

Before Hunting Woodcock, Snipe, Rail, Ducks, Geese,
Brant, Coot or Gallinule in New Jersey:

You are required to register and record your **Harvest Information Program (HIP)** Number on your hunting license. The HIP program will enable the New Jersey Division of Fish, Game and Wildlife and the U.S. Fish and Wildlife Service to conduct harvest surveys to better manage migratory game bird populations. As in the past, surveys will be mailed to a random sample of hunters. The new **HIP** will provide biologists with more accurate data and allow for adequate sampling of less hunted species, such as woodcock and sea ducks. The **HIP#** is free, and information will be used solely for research and management purposes. Federal and state duck stamps, woodcock stamps, and New Jersey license requirements remain the same.

To Obtain Your **HIP#** Call: **1-800-WETLANDS**.
IMPORTANT: You must call **BEFORE** you decide to go migratory bird hunting. Have your New Jersey hunting license ready when you call, and insert your **HIP#** in the space provided on the front of the license.

Your **HIP #** will be valid for the entire fall/winter season.

However, each year a new **HIP #** will be required.

If you plan to hunt migratory game birds in another state, you will be required to register and obtain a **HIP#** for that state by following their procedure.

Small Game Seasons & Hunting Regulations

Small game, raccoon, crow, opossum and fox hunting are prohibited during the statewide six-day firearm deer season, and during the December portion of the permit shotgun deer season in deer management zones where the permit shotgun season is open. Small game hunting is open during the January portion of the permit shotgun deer season. (See exceptions for fox hunting, deer regulations, semi-wild and commercial shooting preserves.)

Hunting with firearms is prohibited on State Wildlife Management Areas designated as pheasant and quail stamp areas on November 12, 1999 (see Pheasant and Quail Stamp section).

On opening day for small game, November 13, 1999, the hunting hours for small game shall be 8:00 am until 1/2 hour after sunset. After opening day, the small game hunting hours shall be 1/2 before sunrise until 1/2 hour after sunset.

Properly licensed hunters may hunt small game with shotguns or bow and arrow. Shotguns may be no larger than 10 gauge and hold no more than three shells. Shot size may be no larger than #4 fine shot. Compound bows must have a minimum peak weight of 35 pounds. All other bows must have a minimum draw weight of 35 pounds.

Pheasant

The season is for cock pheasants only statewide with the following exceptions.

Hen pheasants may be taken in Warren and Morris counties north of Rt. 80; Ocean county, south of Rt. 70; and in all of Sussex, Passaic, Bergen, Hudson, Essex, Camden Atlantic and Cape May counties as well as Lakehurst Naval Air Warfare center, Fort Dix and all wildlife management areas except as noted here. Only male pheasants may be taken on wildlife management areas in Cumberland county west of the Cohansy River and on all wildlife management areas in Salem County except Mad Horse. It is illegal to take or attempt to take or possess a hen pheasant in all other areas. The daily bag limit is 2 birds.

PHEASANT STOCKING NOTE:

NOTE: Due to budget constraints, the number of stocking days and birds stocked will be reduced this fall at the direction of the Fish and Game Council. A minimum of 40,000 pheasants and 5,000 quail are scheduled for stocking at this time.

The Division is offering a limited number of pheasants for sale through October to help recoup some of the costs of raising the birds. Any unsold birds will be added to the 40,000 already scheduled to be stocked.

Check your local paper in November for any changes in the stocking schedule.

If the current fiscal crisis is resolved this year, the number of pheasants stocked can be restored to prior levels beginning in 2000.

Semi-Wild and Commercial Preserve Hunting

Hunting for certain species of game birds is allowed on semi-wild and commercial shooting preserve lands that are properly licensed for the taking of such species. These species of game may be hunted on Sunday only on semi-wild or commercial shooting preserve lands.

All game taken on a semi-wild or commercial shooting preserves must be properly tagged before transport.

A person may legally hunt on semi-wild or commercial preserves for game species under license during the deer season, but no shot larger than #4 fine may be used. Pheasants of either-sex may be taken.

Woodchuck Hunting

Legal Means:

- Shotguns 10 gauge or smaller
- Bow and arrow
- Muzzleloading Shotgun
- Centerfire and rimfire rifle
- Muzzleloading rifle

Legal Ammunition:

- Shotgun: #4 fine shot or smaller
- Rimfire: hollow point, soft point type
- Centerfire: hollow point, soft point or expanding lead core bullets of any weight if less than .25 caliber. If .25 caliber or greater, projectile must not exceed 100 grains in weight.
- Muzzleloader: round balls & conical bullet
- No rifle hunting (of any kind) for woodchuck is permitted on state owned WMAs, parks or forests.
- Farmers or their agents may use shot not larger than no. 4 buckshot to control woodchucks causing damage.

Fox

Fox may only be taken from 1/2 hour before sunrise to 1/2 hour after sunset, except on November 13, 1999 when the starting time is 8:00 am. Dogs may not be

used for fox hunting during the bow and arrow season (October 2 - November 12, 1999). The firearm and bow and arrow fox hunting season (Nov. 13, 1999 - Feb. 14, 2000) is closed during the six-day firearm deer season and the December portion of the shotgun permit deer season where open, except properly licensed deer hunters may kill a fox if the fox is encountered before the hunter has harvested the daily bag limit of deer. Only applicable missiles for deer hunting may be used to take fox during the six-day firearm and the December portion of shotgun permit deer season, where open. Fox hunting is permitted during the November and January portions of the permit shotgun season. Dogs may not be used. Note: Fine shot may not be in possession while deer hunting.

Coyote

Coyotes may only be taken by persons possessing a permit. See page 6 for coyote permit information. The coyote hunting season will be January 29 through February 14, 2000. Interested applicants must submit a 3x5 index card containing their name, mailing address, date of birth and evening phone number to the Division of Fish, Game and Wildlife, Post Office Box 400, Trenton NJ 08625-0400 between October 14 and November 14, 1999. Applicants must write "coyote hunting season" at the bottom of the card. A \$2.00 processing fee must accompany the application.

The coyote season is January 29 - February 14, 2000. Coyote hunting hours are one hour before sunrise to one hour after sunset. The daily limit is two coyote. Coyote hunting is restricted to calling and stand-hunting. A coyote calling device must be in possession while coyote hunting. Use of dogs, lights or bait for coyote hunting is prohibited. Fluorescent orange is not required while hunting, however it is recommended to wear fluorescent orange while walking to and from hunting areas. Also, use of a flashlight is recommended while walking to and from the hunting area in darkness or low light situations. Coyotes may be hunted with bow and arrow (minimum draw weight, 35 pounds), 10 or 12 gauge shotgun (fine shot no larger than #2 or smaller than #4), and single barrel muzzleloader rifles and single barrel smoothbore muzzleloader not less than .44 caliber (single round ball or conical projectile). Successful permittees must report any coyote killed within 48 hours to a Division Regional Law Enforcement Office.

Muzzleloading Rifle Squirrel Hunting

Persons holding a valid rifle permit in addition to their valid firearm hunting license may hunt for squirrels between October 2 and November 12, 1999, and January 17 - February 14, 2000 using a .36 caliber or smaller muzzleloading rifle loaded with a single projectile. Portions of the following describe counties that are open:

within the areas described as portions of Passaic, Mercer, Hunterdon, Warren, Morris and Sussex counties lying within a continuous line beginning at the intersection of Rt. 513 and the New York State line; then south along Rt. 513 to its intersection with Rt. 511; then south along Rt. 511 to its intersection with Rt. 46; then west along Rt. 46 to its intersection with Rt. 80; then west along Rt. 80 to its intersection with Rt. 15; then north along Rt. 15 to its intersection with the Morris-Sussex county line; then south along the Morris-Sussex to the Warren county line; then southwest along the Morris-Warren county line to the Hunterdon county line; then southeast along the Morris-Hunterdon county line to the Somerset county line; then south along the Somerset-Hunterdon county line to its intersection with the Mercer county line; then west and south along the Hunterdon-Mercer county line to its intersection with Rt. 31; then south along Rt. 31 to its intersection with Rt. 546; then west along Rt. 546 to the Delaware River; then north along the east bank of the Delaware River to the New York State line; then east along the new York State line to the point of beginning at Lakeside; and in that portion of Salem, Gloucester, Camden, Burlington, Mercer, Monmouth, Ocean, Atlantic, Cape May and Cumberland counties lying within a continuous line beginning at the intersection Rt. 295 and the Delaware River; then east along Rt. 295 to its intersection with the New Jersey Turnpike; then east along the New Jersey Turnpike to its intersection with Rt. 40; then east along Rt. 40 to its intersection with Rt. 47; then north along Rt. 47 to its intersection with Rt. 536; then east along Rt. 536 to its intersection with Rt. 206; then north along Rt. 206 to its intersection with the New Jersey Turnpike, then northeast along the New Jersey Turnpike to its intersection with Rt. 571; then southeast along Rt. 571 to its intersection with the Garden State Parkway; then south along the Garden State Parkway to its intersection with Rt. 9 at Somers Point; then south along Rt. 9 to its intersection with Rt. 83; then west along Rt. 83 to its intersection with Rt. 47; then north along Rt. 47 to its intersection with Dennis Creek; then south along the west bank of Dennis Creek to its intersection with Delaware Bay; then northwest along the east shore of Delaware Bay and the Delaware River to the point of beginning.

1999 - 2000 New Jersey Small Game Hunting Seasons

Species	Inclusive Dates	Hunting Hours	Daily Limits	Notes
* Crow	Aug. 2, 1999 - March 11, 2000	1/2 hour before sunrise to 1/2 hour after sunset	None	Mon, Thurs, Fri & Sat only. 8 am start on Nov. 13, 1999. + Closed during Dec. portion of permit shotgun deer season, where open
* Rail & Gallinule	Sept. 1 - Nov. 6, 1999	1/2 hour before sunrise to sunset	Sora/Virginia rail - 25 Clapper rail - 10 Gallinule - 10	Non-toxic shot regulations in effect after the regular waterfowl season begins
* Canada Goose	Early Season: Sept. 1 - 30, 1999 (tentative) statewide	1/2 hour before sunrise to sunset	5	Non-toxic regulations in effect. State and Federal migratory bird stamps required in addition to valid hunting license. No permit required
Raccoon & Opossum	Oct. 1, 1999 - March 1, 2000	1 hour after sunset to 1 hour before sunrise	None	+ Closed during six-day firearm deer season and December portion of permit shotgun deer season where open
Red & Gray Fox	Bow and Arrow only: Oct. 2 - Nov. 12, 1999 Shotgun and Bow and Arrow: Nov. 13, 1999 - Feb. 14, 2000	1/2 hour before sunrise to 1/2 hour after sunset	None	8:00 am start on Nov. 13, 1999 + Closed during six-day firearm deer season and December portion of permit shotgun deer season where open, except as noted (see page 12)
Ruffed Grouse & Gray Squirrel	Oct. 2 - Dec. 4, 1999 (Closed Nov. 12, 1999 on designated WMAs **) Dec. 13, 1999 - Feb. 14, 2000	1/2 hour before sunrise to 1/2 hour after sunset	Grouse - 3 Squirrel - 5	8 am start on Nov. 13, 1999 + Closed during December portion of permit shotgun deer season where open
Gray Squirrel	Muzzleloading Rifle: Oct. 2 - Nov. 12, 1999 (Closed Nov. 12, 1999 on designated WMAs **) Jan. 17 - Feb. 14, 2000	1/2 hour before sunrise to 1/2 hour after sunset	5	Designated areas only Rifle permit required.
Quail, Chukar, Hare & Cottontail Rabbit	Nov. 13 - Dec. 4, 1999 Dec. 13, 1999 - Feb. 14, 2000	1/2 hour before sunrise to 1/2 hour after sunset	Quail - 7 Chukar - 3 Hare - 1 Rabbit - 4	8 am start on Nov. 13, 1999. + Closed during December portion of permit shotgun deer season where open.
Pheasant Hunting Area A***	Nov. 13 - Dec. 4, 1999 Dec. 13, 1999 - Feb. 14, 2000	1/2 hour before sunrise to 1/2 hour after sunset	2 males	8 am start on Nov. 13, 1999. + Closed during December portion of permit shotgun deer season where open
Pheasant Hunting Area B***	Nov. 13 - Dec. 4, 1999 Dec. 13, 1999 - Feb. 14, 2000	1/2 hour before sunrise to 1/2 hour after sunset	2 males	8 am start on Nov. 13, 1999. + Closed during December portion of permit shotgun deer season where open
Pheasant Hunting Area C***	Nov. 13 - Dec. 4, 1999 Dec. 13, 1999 - Feb. 14, 2000	1/2 hour before sunrise to 1/2 hour after sunset	2 either sex	8 am start on Nov. 13, 1999 + Closed during December portion of permit shotgun deer season where open
Pheasant Youth Hunt	Nov. 6, 1999	8 a.m. to sunset	2 either sex	Selected WMA's & licensed semi-wilds. See page 9
Coyote	Jan. 29 - Feb. 14, 2000	1 hr. before sunrise to 1 hr. after sunset	2 Coyotes	Permit required See page 12 for details
Woodchuck	March 4 - Sept. 27, 2000	1/2 hour before sunrise to 1/2 hr. after sunset	None	No rifle hunting for woodchuck on Wildlife Management Areas
Turkey, Fall	Dec. 1, 2 and 3, 1999	1/2 hr before sunrise to 1/2 hr after sunset	1 Wild Turkey, either sex	Open only in Areas 1 - 5, 8 - 11, 20. Turkey permit required
Turkey, Spring	See Digest page 17	1/2 hr before sunrise to 12 noon	1 male Wild turkey, per permit	Turkey permit required

* See current Migratory Bird Supplement

+ Open during January portion of permit shotgun deer season where open

** No firearm hunting permitted on Nov. 12, 1999 on those Wildlife Management Areas designated as pheasant quail stamp areas.

***Pheasant hunting Area A: Mercer County south of Rt. 195, Monmouth County south of Rt. 195 and Rot 138, Ocean County south of Rt. 195 and north of Rt. 70 and the counties of Burlington, Gloucester, Cumberland and Salem including all WMAs in Cumberland county west of the Cohansey River and all WMAs in Salem County except Mad Horse.

***Pheasant Hunting Area B: Warren County south of Rt. 80, Morris County south of Rt. 80, Mercer County north of Rt. 195, Monmouth County north of Rt. 195 and Rt. 138 and the counties of Union, Middlesex, Hunterdon and Somerset.

***Pheasant Hunting Area C: Warren County north of Rt. 80, Morris County north of Rt. 80, Ocean County south of Rt. 70 and the counties of Sussex, Passaic, Bergen, Hudson, Essex, Camden, Atlantic and Cape May and the Lakehurst Naval Air Warfare Center and all WMAs except those WMAs west of the Cohansey River, and all WMAs in Salem County except Mad Horse.

1999 - 2000 Trapping Season & Regulations

Trapping licenses

A trapping license is required and if snares are used, a special training course must be passed.

Trap maintenance

All traps must be checked and tended at least once every 24 hours.

Leghold traps

It is illegal to possess or use steel-jawed leghold traps anywhere in New Jersey.

Conibear traps

No conibear or killer type trap shall be used unless submerged underwater. In tidal water, such traps must be completely covered at normal high tide. In non-tidal waters, such traps must be completely submerged when the water is at the normal level.

It is illegal to use, set or possess a conibear or killer-type having a jaw spread greater than 6 inches without a permit for beaver or otter. A conibear or killer-type trap with a jaw spread of no more than 10 inches may be used for beaver or otter. Jaw spread shall be measured across the trigger of a set trap to the inner edges of the jaws. Beaver and otter trap tags must be placed above the water line and exposed to view.

Identification

All traps set or used must bear a legible tag of durable material with the name and address of the person setting, using and maintaining the traps. A trap identification number issued by the Division may be used in lieu of a name and address. Contact 609-292-6685 for more information. When trapping beaver or otter, the tag must be clearly visible above the level of water or ice.

Miscellaneous trapping regulations

No trap stakes or traps are to be set prior to times indicated in this section.

No trap shall be permitted to remain set on any property at the close of the trapping season.

No person shall steal or attempt to take traps of another, or remove a trapped animal without permission of the trap owner.

Any person (including a farmer) who traps a coyote must notify a Division law enforcement office within 24 hours.

Snares

Body gripping restraining snares shall be subject to the following requirements:

1. No person shall set, use or maintain any type of snare unless they have first satisfactorily completed a Division approved snare training course and carry on their person appropriate certification thereof. This training is part of New Jersey's basic trapper training course.

2. Except when submerged under water or when set for mink and muskrat, all snares of the body gripping type used in trapping must be constructed of aircraft cable or crucible wire measuring 5/64 to 3/32 inches in diameter and be equipped with a swivel. Mink and muskrat body gripping snares must be constructed of air craft cable or crucible wire measuring 1/32, 3/64 or 1/16 inches in diameter, be equipped with a swivel and set within 50 feet of the mean high water line.

3. Except when submerged under water or when set for mink and muskrat, no body gripping snare shall be set, used or maintained unless it is equipped with a stop six inches from the end to restrict loop closure to no less than six inches in circumference and a stop to restrict the average diameter of the loop opening to no greater than eight inches. Mink and muskrat body gripping snares must be equipped with a stop to prevent the average (arithmetic mean) diameter of the loop opening from exceeding four inches.

4. Except when set for mink and muskrat, no body gripping snare shall be set, used or maintained with the distance between the ground or walking surface to the top of the loop greater than eighteen inches. No mink or muskrat body gripping snare shall be set, used or maintained with the distance between the ground or walking surface to the top of the loop greater than seven inches.

Trapping Zones, Seasons and Bag Limits

1. North Zone: North of a line starting at the intersection of Route 1 and Pennsylvania border at Trenton, extending north along Route 1 to its intersection with Route 287, then east on Route 287 to the New York State line at Staten Island.
2. South Zone: that area of the state south of the line described above.

Raccoon, fox, skunk, weasel, opossum, coyote

No bag limits

Season: 6 a.m. Nov. 15, 1999 - March 15, 2000

Wildlife Management Areas Season: 6 a.m. Jan. 1 - March 15, 2000

Mink, muskrat, nutria

No bag limits

Season, North Zone: 6 a.m. Nov. 15, 1999 - March 15, 2000

Season, South Zone: 6 a.m. Dec. 1, 1999 - March 15, 2000

Wildlife Management Areas Season: 6 a.m. Jan. 1 - March 15, 2000

Beaver (by permit only)

Season limit: 10 beaver

Season: January 3 - February 11, 2000

Otter (by permit only)

Season limit: 1 otter

Season: January 10 - February 6, 2000

Rifles

Licensed trappers with a valid rifle permit may carry a .22 caliber rifle, and use short rimfire cartridges to kill legally trapped animals other than muskrats. Firearms may not be loaded with more than 3 rounds.

Bait

All natural or artificial baits used in trapping with body gripping restraining snares must be covered or concealed from view except when placed or located a distance of 30 feet or more from any set snare.

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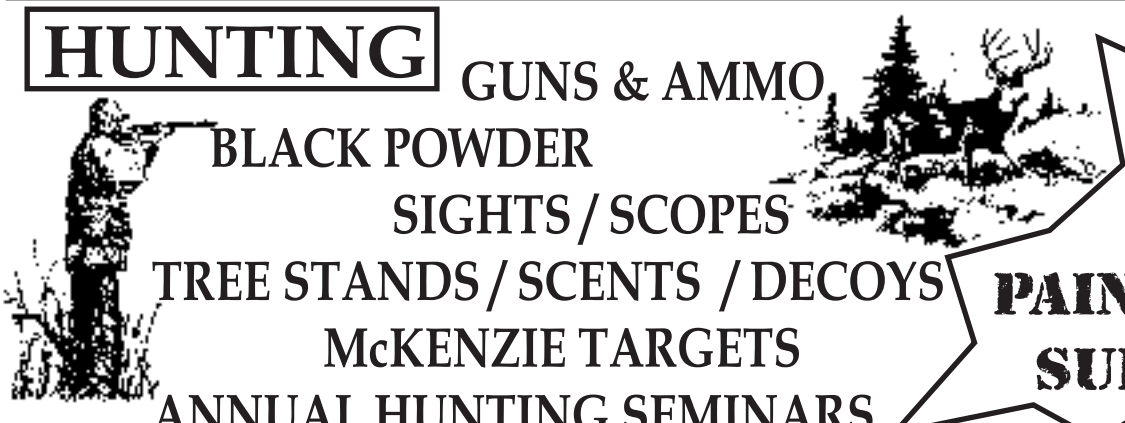
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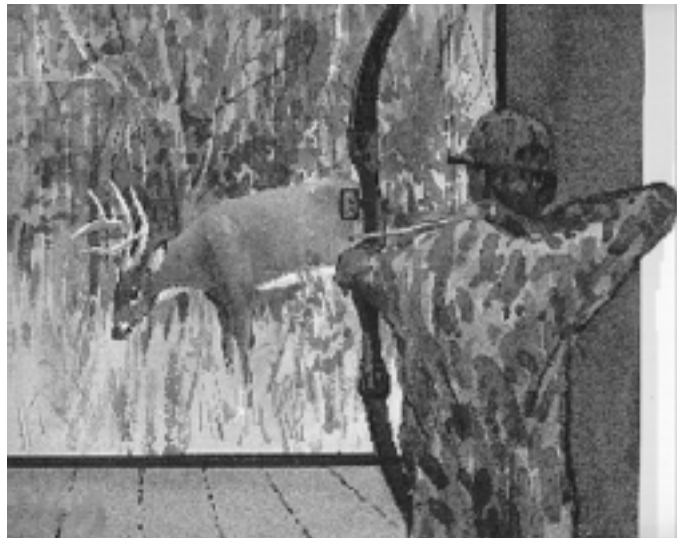
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EXPERT ADVICE



Fall Wild Turkey Hunting Season

Fall turkey hunting is by permit only. Hunters must apply for fall permits along with their applications for spring gobbler hunting permits. The application period for fall 2000 permits is February 1-22, 2000. The application period for fall 1999 permits was last February and permits were mailed to successful applicants in July. If you did not apply last winter, there is no way that you can obtain a permit for the fall 1999 season. The 1999 fall turkey season will be Wednesday, December 1 through Friday, December 3. Hunting hours are 1/2 hour before sunrise until 1/2 hour after sunset on the three days on which the season is open. Only hunters who have received permits through the 1999 lottery may hunt. Turkey Hunting Areas 1-5, 8-11 and Turkey Hunting Area 20 will be open for hunting. Turkey Hunting Areas 6,7,12,14,15,16,21 and 22 are not open to fall hunting.

Turkey hunters may take only one wild turkey of either sex during the fall season. Dogs and artificial decoys may be used while turkey hunting in the fall season. All turkey hunters are required to have a calling device with them while turkey hunting and turkeys may not be hunted by a group of hunters larger than five individuals. Hunters may not attempt to chase or drive turkeys for the purpose of putting them in range of other hunters. However, hunters may rush a flock of turkeys to cause the flock to scatter. No shot larger than #4 fine shot or smaller than #7 1/2 fine shot may be used for turkey hunting. Hunters may not use shotguns larger than 10 gauge or smaller than 20 gauge for turkey hunting. Properly licensed hunters may use archery tackle for hunting turkeys. Turkeys may not be hunted within 300 feet of any baited area.

Successful fall turkey hunters must complete the transportation tag on their fall hunting permit immediately upon killing a turkey and must take the bird to an official wild turkey checking station by 7:00 PM on the day it is killed. The hunter who killed the bird is the only person who may transport and check the turkey.

Turkey Hunting Permits

A permit is required for both spring and fall turkey hunting. Applicants will apply for both the spring and fall seasons on one application form available in mid-January. For the Spring 2000 season, 15,150 permits will be issued; 3,290 permits will be issued for Fall 2000. Turkey hunting information and application booklets will be available at license agents and Division offices in mid-January. Completed forms must be mailed back to Trenton between February 1 and February 22, 2000.

Spring Gobbler Hunting Regulations

Spring gobbler hunting is by permit only. The entire state is open to spring hunting but only hunters who have received permits for the 2000 spring season may hunt. Hunters with permits for the spring season may hunt only in the Turkey Hunting Area and the Hunting Segment for which their permit is valid. Hunting hours for the spring season are 1/2 hour before sunrise until 12 noon daily. Hunters may take only one male wild turkey on each permit. Hunters who obtain more than one permit may take a turkey on each permit but only one gobbler may be taken per day, no matter how many permits the hunter has.

Dogs may not be used for turkey hunting in the spring. Artificial decoys may be used while spring turkey hunting. Spring turkey hunters may not stalk or attempt to approach turkeys for the purpose of killing the bird. All hunters are required to have a calling device with them while turkey hunting. Turkeys may not be hunted within 300 feet of any baited area. No shot size larger than #4 fine shot or smaller than #7 1/2 fine shot may be used for turkey hunting. Hunters may not use shotguns larger than 10 gauge or smaller than 20 gauge for turkey hunting. Properly licensed hunters may use archery tackle for taking wild turkeys.

Successful spring turkey hunters must complete the transportation tag on their spring hunting permit immediately upon killing a turkey and must take the bird to an official wild turkey checking station by 3:00 PM on the day it is killed. The hunter who killed the turkey is the only person who may transport and check the turkey.

Spring Gobbler Season - 2000 Season Dates for all Turkey Hunting Areas

Segment A:	Monday, April 24- Friday, April 28
Segment B:	Monday, May 1- Friday, May 5
Segment C:	Monday, May 8- Friday, May 12
Segment D:	Monday, May 15- Friday, May 19 and Monday, May 22- Friday, May 26
Segment E:	Saturday, April 29 Saturday, May 6 Saturday, May 13 Saturday, May 20

Information

Turkey hunting information, regulations and application forms will be available at license agents and Division offices by mid-January 2000. Applicants will apply for both spring and fall seasons on one form. Hunters may file only one application for turkey permits. Duplicate applications will cause all applications to be void.

The latest information on turkey hunting techniques is presented at turkey hunting seminars, some of which are sponsored by the Division. These seminars stress safety, calling techniques and "setting up". New turkey hunters are especially encouraged to attend a seminar. Check your newspaper and the application booklet for seminars scheduled for your area in March and April.

Fall 1999 Turkey Check Stations

Burlington County Sportsmen's Center, Rt. 130, Bordentown	The Great Outdoors, 1846 Rt. 23 north, West Milford
Cumberland County Busnardo's Sports Center, 886 N. Pearl St., Bridgeton	Monksville Bait and Tackle, 1165 Greenwood Lake Turnpike, Ringwood
Van Meter Archery 597-5 Shiloh Pike (Rt. 49), Bridgeton	Salem County Buck Road Sports Shop, 128 Buck Rd., Elmer
Gloucester County Paulsboro Lockers Inc., 649 Swedesboro Rd., Gibbstown	North American Archery, 439 Rt. 77, Monroeville
Hunterdon County Clinton Outfitters, 1738 Rt. 31 north, Glen Gardner	Joe and Sandy's Country Store, Main St. and Friendship Rd., Canton
Sportsmen's Rendezvous, Speedway Plaza, Rt. 31, Flemington	Outdoor Experience, 22 Green St., Sharptown, Piles Grove
Boan's Marine, 1296 Rt. 179, Lambertville	Somerset County Hillsborough Shooting Center, 170 Township Line Rd., Belle Meade
The Corner Store, Rt. 12 and Rt. 519, Baptistown	Charlie Stone's House, 464 Pleasant Run Rd., Neshanic Station
Riverside Jeans, Bagelsmith Shopping Center, Rt. 619, Frenchtown	Sussex County Hainesville General Store, 283 Rt. 206 south, Hainesville
Carousel Deli and Bakery, Rt. 179 and Wertsville Rd., Ringoes	Stokes Forest Sport Shop, 29 Rt. 206 south, Branchville
Jim Brown's Auto Body, 1173 Rt. 579, Quakertown	Adventure Sports, 107-109 Rt. 23, Franklin
Country Spirits, 1115 Rt. 173 west, Asbury	Simon- Peter Bait and Tackle, Rt. 206 and Brighton Rd., Newton
Mercer County Trigger and Reel Sport Shop, 60 Arctic Parkway, Ewing	Stillwater Supply, 90 Stillwater Station Rd., Stillwater
Steve's Bait and Tackle, 10 Seminary Ave., Hopewell	High Point Trading Post, 13155A Rt. 23, Wantage
Middlesex County Sayreville Sportsmen, 52 Washington Ave., Sayreville	Sig Borstad Hunting Supply, 7 Old Rudetown Rd., McAfee
Morris County Parsippa Bait and Tackle, 180 Parsippa Rd., Parsippa	Mastodon Sport Shop, 34 Highland Lakes Rd. (Rt. 638), Vernon
Pro Sports, 21 Maple Ave., Rockaway	Warren County Hi-Way Sport Shop, Rt. 31 north, Washington
The Country Sportsman, 63 Hamburg Turnpike, Riverdale	Rich's World of Sports, 155 Rt. 94, Blainstown
Buck-n-Bass, Rt. 15 and Weldon Rd., Jefferson	W.A.G. Sports Shop, 27 Rt. 46, Columbia
R&S Sports, 3 New St., Budd Lake	The Owl's Nest, 97 Rt. 519, Warren
River Run Taxidermy Studio, 99 West Mill Rd., Long Valley	Glen
County Line Sport Shop, 410 Route 46, Hackettstown	Merrill Creek Sport Shop, Rt. 57, Stewartville
Passaic County Newark Watershed Corp. Office, Echo Lake Rd., Newfoundland	Sportsmen's Pride, Rt. 46 east, Buttzville
	Oxford Bait and Tackle, 1070 Rt. 31 north, Oxford
	The Big K, 606 Rt. 519, Johnsonburg

Deer Hunting Regulations

Licenses and Permits

- See pages 3 and 6 for details on license, permit and Hunter Education requirements.
- Additional hunting licenses may not be purchased in order to harvest additional deer.
- It is unlawful to use a bow and arrow for hunting deer while using a firearm license or shotgun or muzzleloader deer permit.

Firearms and Ammunition

- See page 5 for general hunting regulations which also apply to deer hunting.
- Hunters using or possessing any shotgun slug in the field during the deer seasons must have a shotgun with adjustable open iron or peep sights or a scope affixed to the shotgun.
- Telescopic sights of any magnification (scope power) are permitted for deer hunting on all firearms, including muzzleloader rifles and smoothbores. No permits are required.
- Shotgun shells containing single spherical projectiles referred to as pumpkin balls **are prohibited**.
- While deer hunting with a shotgun, it is illegal to have any ammunition not authorized for deer hunting in possession.
- Special Area Hunting Seasons may have regulations that differ from the statewide regulations. See page 45 for details.
- Only one muzzleloading rifle or smoothbore muzzleloader may be in possession while deer hunting.
- All firearms must be cased and unloaded while being transported in vehicles.

Firearms, Bows and Ammunition Legal for Deer Hunting:

Season(s)	Weapon Type	Gauge, Caliber or Weight	Projectile(s)	Firearm sights; Bow releases
Fall bow Permit bow Winter bow	Bow long, recurve or compound	35 pounds pull at archers draw length (long and recurve bows) or peak weight (compound bow)	Arrows must be fitted with a well-sharpened metal broadhead with a minimum width of 3/4"	Hand-held devices are permitted
Permit muzzleloader	Muzzleloader - rifle or smoothbore, single-barrel, single-shot. Flintlock, percussion and in-line ignitions. Double-barrel firearms prohibited	Rifle - not less than .44 caliber Smoothbore - not smaller than 20 gauge and not larger than 10 gauge	Must be loaded with a single projectile only	Telescopic sights permitted
Six-day firearm	Shotgun - single or double barrel, rifled bore or smoothbore	Not smaller than 20 gauge and not larger than 10 gauge, capable of holding no more than 3 shells	Slugs - lead, lead alloy or copper rifled slug or sabot slug Buckshot - sizes not smaller than #4 nor larger than #000	Shotgun must have an adjustable open iron or peep sight or a scope affixed if hunter is hunting with or in possession of slugs.
	Muzzleloader - single-shot, single barrel rifle OR single or double-barrel smoothbore shotgun. Flintlock, percussion and in-line ignitions permitted	Muzzleloading rifle - single shot not less than .44 caliber Smoothbore - single or double-barrel not smaller than 20 gauge and not larger than 10 gauge	Muzzleloading rifle - single projectile Smoothbore - buckshot not smaller than #4 (0.24") nor larger than #000 (0.36") or a single projectile	Telescopic sights permitted
Permit shotgun (See Special Area Hunting Season Information section if hunting at Monmouth Battlefield State Park - Zone 64)	Shotgun - single or double barrel, rifled bore or smoothbore	Not smaller than 20 gauge and not larger than 10 gauge, capable of holding no more than 3 shells	Slugs - lead, lead alloy or copper rifled slug or sabot slug Buckshot - sizes not smaller than #4 (0.24") or larger than #000 (0.36") or a single projectile.	Shotgun must have an adjustable open iron or peep sight or a scope affixed when hunting with or in possession of slugs.
	Muzzleloader Shotgun - single or double-barrel smoothbores only. Flintlock, percussion and in-line ignitions permitted	Not smaller than 20 gauge and not larger than 10 gauge	Buckshot - sizes not smaller than #4 (0.24") nor larger than #000 (0.36")	

Season Specific Regulations

- In zones where the Permit Bow Season overlaps the Six-day Firearm Season, Permit Muzzleloader Season and/or the Permit Shotgun Season, the Permit Bow Season will remain open also.
- Deer taken during the Six-day Firearm Season must possess at least one antler with a minimum length of three (3) inches.
- The Winter Bow Season will remain open on those season dates that overlap with the Permit Muzzleloader and Permit Shotgun Seasons in zones where Permit Muzzleloader and Permit Shotgun hunting is authorized.
- The Six-day Firearm Season will remain open on those season dates that overlap with the Permit Shotgun Season and Permit Bow Season in zones where Permit Bow and Permit Shotgun hunting is authorized.

Deer Tags: Supplemental and Bonus Deer Transportation Tags

Properly licensed hunters who harvest their first deer will be given a **"New Jersey Supplemental Deer Transportation Tag"** (supplemental tag) upon registration of their deer at a designated deer check station. This tag is valid for the taking of one additional deer, either an antlered or antlerless deer, if the first deer was antlerless; or an antlerless deer, if the first deer was antlered. The supplemental tag may be used in any zone open for the season (may be subject to limitations) during the Fall Bow, Six-day Firearm and Winter Bow Seasons. The supplemental tag may be used only in that specific zone for which a special season permit was issued during the Permit Bow, Permit Muzzleloader and Permit Shotgun Seasons. Properly licensed hunters that harvest a second deer may obtain a **"New Jersey Bonus Deer Transportation Tag"** (bonus tag) upon registration of their second deer at a designated deer check station. This tag is valid for the taking of one additional deer, either an antlered or antlerless deer, if the hunter has not yet taken an antlered deer; or an antlerless deer, if the hunter has taken an antlered deer during the season. Bonus tags will be valid only in Bonus Tag Zones open during the Fall Bow and Winter Bow Seasons, and in the specific zone for which a special season permit was issued during the Permit Bow, Permit Muzzleloader and Permit Shotgun Seasons. (After taking a second deer, hunters may not hunt deer during the Fall Bow and Winter Bow Seasons in the following zones: 1, 3, 4, 16, 18, 21, 23, 24, 30, 31, 34, 37, 43, 45, 46, 52-55 and 65). One additional bonus tag, valid only in bonus tag zones, will be issued upon registration of each subsequent deer until the season concludes. After harvesting the season limit of one antlered deer, supplemental and bonus tags will only be valid for taking antlerless deer. There is no season limit on the number of antlerless deer, which may be harvested in bonus tag zones. An antlerless deer is defined as any deer with no antlers or antlers less than three inches in length. All supplemental and bonus tags are valid on the date of issuance in all zones open for the season.

Shotgun Permit Transportation Tags:

All shotgun permits will be printed with two transportation tags this year. Both transportation tags will be valid in zones where hunters can take two deer at a time (zones 5, 7, 9, 10, 11, 12, 13, 14, 25, 35, 36, 38, 39, 41, 42, 48, 49, 50, 51, 56, 59, 61, 63, 64 and 66). Only one transportation tag will be valid per permit in all other zones. The second transportation tag will have the word "VOID" printed on it.

continued on page 19

Deer Hunting Regulations, continued from page 18

- Deer transportation tags must be filled in completely in ink and attached to the deer immediately after is has been killed.
- “Antler length” is defined as the maximum length of a deer antler measured from the lowest outside edge of the antler burr along the outer curve to the most distant point of what is or appears to be the main antler beam. For the purposes of this definition, the antler length does not include the pedicel or portion of skull between the skull plate and base of the antler point. “Antlered deer” is defined as any deer with at least one antler measuring at least three inches in length as described above. “Antlerless deer” is defined as any deer which does not have any antler measuring at least three inches in length. For the purposes of this definition, shed antlered deer and deer with broken antlers which measure less than three inches, are considered antlerless deer.
- Properly licensed hunters are limited to taking one antlered buck per season or per permit during the Fall Bow, Permit Bow, Permit Muzzleloader, Permit Shotgun and Winter Bow Seasons. The antlerless deer bag limit for these seasons will also include one, two, three or no limit, depending on the zone and season. The bag limit for the Six-day Firearm Season remains at two antlered deer.
- Properly licensed hunters will be required to take an antlerless deer before taking or attempting to take an antlered deer throughout the 1999-00 season (except during the Six-day Firearm Season) in Zones 5, 7, 8, 9, 10, 11, 12, 13, 14, 36, 41, 50 and 51.
- Two deer may be taken at a time per permit in deer management Zones 5, 7, 8, 9, 10, 11, 12, 13, 14, 25, 35, 36, 38, 39, 41, 42, 48, 49, 50, 51, 56, 59, 63, 64 and 66 during the Permit Shotgun Season until the season concludes.

After Harvesting a deer - Mandatory Deer Check Requirement

1. **Tag your deer** - Deer transportation tags must be filled in completely with ink, detached from the license or permit, then securely attached to the deer immediately after it has been killed.
2. **Bring your deer to an official deer check station** - Deer must be open to view when transported at all times. Be discrete when transporting deer to and from a check sta-

Note: During the early Fall Bow Season in Zones 13, 36, 42, and 49, only deer check stations located in these zones and within a 10 mile radius will be checking deer from September 11 through October 1, 1999. No other check stations will be authorized to check deer during this period.

tion, butcher or taxidermist. Deer must be taken on the day killed, **by the person who killed the deer**, to the nearest deer check station by 8:00 p.m. during the regular Fall Bow Season and by 7:00 p.m. during all other seasons. Personnel at the check station will attach a legal, metal possession seal to the deer and, if applicable, will issue a New Jersey Supplemental Transportation Tag or a New Jersey Bonus Deer Transportation Tag. Consult this *Digest* for a listing of official deer check stations to locate the one closest to your place of hunting.

3. **Remember:** Bring your hunting license and deer season permit to the check station.

When deer are recovered too late; check station closed:

1. **Any unchecked deer must immediately be reported by telephone to the nearest NJ Division of Fish, Game and Wildlife law enforcement office.**

For deer harvested in these counties: Bergen Hudson Somerset Essex Morris Sussex Hunterdon Passaic Warren	For deer harvested in these counties: Burlington Monmouth Mercer Ocean Middlesex	For deer harvested in these counties: Atlantic Cumberland Camden Gloucester Cape May Salem
Call the Northern Region Law Enforcement Office at (908) 735-8240	Call the Central Region Law Enforcement Office at (609) 259-2120	Call the Southern Region Law Enforcement Office at (856) 629-0555

2. **Leave a message** with your name, phone number, hunting license number and deer management zone on the recorder.
3. **Check your deer the following morning at the nearest deer check station.** If weather conditions necessitate butchering the deer immediately, you must bring the head and hide to be checked the next day.

After checking your deer - Possession/Sale

Metal possession seals (affixed to deer at check stations) must be kept until all venison is consumed and as long as any part or parts, including antlers, are kept. Persons with outstanding deer mounts should write their name, legal possession seal number, date of kill, and season of harvest on back of the mounting plate for future reference.

It is illegal to sell deer meat, deer antlers or any part of a deer *except* deer hides.

Spotlighting

Spotlighting deer during hours of darkness from a vehicle is illegal while in possession of a weapon capable of killing deer, whether the weapon is cased or uncased. This does not apply to the regular use of headlights when traveling in a normal manner on public or private roads.

Decoys and Electronic Devices

Persons may hunt with the aid of deer decoys statewide in those zones open for deer hunting during the Fall Bow, Permit Bow and Winter Bow Seasons only.

When carrying or moving deer decoys for the purpose of hunting, persons must wear a fluorescent orange hat or other garment consisting of at least 200 square inches of fluorescent orange material, which shall be visible from all sides as currently required for firearm deer hunting.

It is unlawful to hunt for deer with the aid of an electronic calling device or any device, which casts a beam of light upon the deer.

Baiting Regulation

The provision allowing hunting while elevated in a standing tree or from another structure within 300 feet of a baited area has expired. New legislation is pending as the Digest went to press which will allow hunting over a baited area. It is expected to be signed into law by October, 1999. Hunters should check their local newspaper or the Division’s website (www.state.nj.us/dep/fgw) for further information before hunting. Hunters should also check with the landowner or administrative agency before placing bait on their hunting area (baiting is not allowed on National Wildlife Refuges, etc.).

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Attention Deer Hunters

You have probably read or heard about the concerns of farmers experiencing excessive deer damage to crops in certain areas of the state, particularly in Hunterdon County, and parts of Somerset, Warren and Mercer Counties. In response to the need to reduce the deer populations in these areas and other agricultural and urban/suburban locations, the Fish and Game Council has further liberalized deer seasons, bag limits and permit quotas for 1999 - 2000 and has instituted other regulatory changes aimed at deer population control/reduction.

The Division has been cooperating with the New Jersey Department of Agriculture, New Jersey Farm Bureau, farmers, landowners and sportsmen in problem areas in developing programs and methods to reduce deer populations, while continuing to provide for recreational hunting. The deer hunter remains a principal tool in the management of deer populations. However, hunters now must accept a greater stewardship role in controlling deer populations that are negatively impacting agriculture. If you are a member of a hunting club or an individual who has access to any

of these problem areas, it is extremely important you not only harvest antlerless deer, but that you harvest enough antlerless deer to reduce the population and minimize crop damage. Harvesting an adequate number of antlerless deer, together with a program to allow an increased number of bucks to survive into older age-classes (2.5 years and older) can provide a means of achieving both population reduction and increased availability of "trophy bucks".

The Division has developed a guide to assist farmers, landowners and hunters in better managing deer and deer hunting on lands they control. This guide can help you develop a deer management strategy that will not only meet the goal of population reduction, but improve the quality of deer occupying these lands. For a free copy of this brochure write "Deer Hunting and the Farmer", P.O. Box 400, Trenton, NJ 08625-0400.

It is critical that hunters do their part to control deer damage to agricultural by harvesting sufficient numbers of antlerless deer to achieve the State's deer management objectives.

Earn-A-Buck

During the 1999-00 deer season, the harvest objective will be to decrease the deer herd in 51 deer management zones and stabilize the population in 13 zones. In deer management zones where the harvest objective is to stabilize or decrease the deer population, an adequate number of antlerless must be harvested. Antlerless deer are defined as adult does and fawns.

Antlerless deer can be removed from the deer population in New Jersey during the fall bow, permit bow, permit muzzleloader and winter bow seasons. Hunters have been encouraged to harvest antlerless deer in the past through the bonus tag program. Hunters that harvested an antlerless deer first were offered bonus tags as long as the hunter continued to harvest antlerless deer during the fall bow, permit bow, permit shotgun, permit muzzleloader and winter bow seasons.

The need to decrease the deer population has become critical in the suburban and agricultural regions of the state. Beginning in 1997, the fall bow season was lengthened from four weeks to seven weeks in deer management zones 13, 36, 42 and 49 (urban/suburban regions of the state). This change more than doubled the total fall bow deer harvest from these four zones and more than tripled the fall bow antlerless deer harvest. The "earn-a-buck" program is clearly a valuable tool to increase the harvest of antlerless deer.

The "earn-a-buck" program has been expanded to other deer management zones and additional seasons. During the 1999-00 deer season, hunters will be required to harvest an antlerless deer first in deer management zones 5, 7, 8, 9, 10, 11, 12, 13, 14, 36, 41, 50 and 51. In these zones, hunters will be required to harvest an antlerless deer first during the fall bow, permit bow, permit muzzleloader, permit shotgun and winter bow seasons. The early fall bow season (starting Sept. 11, 1999) remains only in zones 13, 36, 42 and 49.

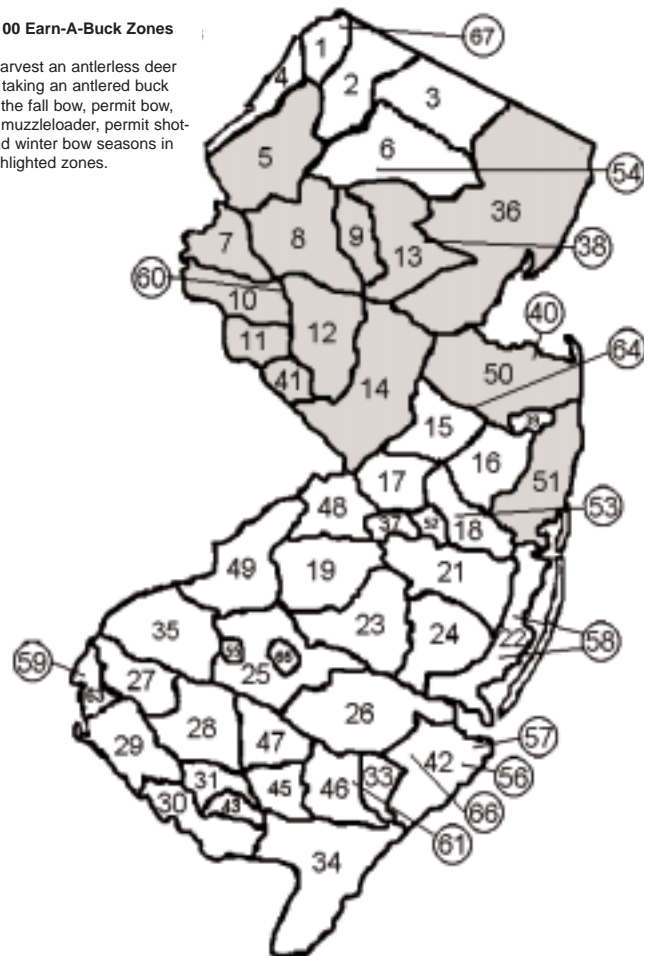
In addition to the "earn-a-buck" program, no hunter may harvest more than one antlered male deer (per permit) per season. This regulation is intended to distribute the antlered male harvest fairly among the bow, shotgun and muzzleloader hunters. It will also be a valuable tool used to increase the harvest of antlerless deer.

Although many hunters may strive to harvest a trophy animal, the Division of Fish, Game and Wildlife is asking hunters to be responsible members of our deer management team. Antlered deer can still be harvested, but hunters must harvest antlerless deer if deer management objectives

are to be met. These goals can only be met through a cooperative effort between the Division of Fish, Game and Wildlife and the sportsmen and women of New Jersey.

1999 - 00 Earn-A-Buck Zones

Must harvest an antlerless deer before taking an antlered buck during the fall bow, permit bow, permit muzzleloader, permit shotgun and winter bow seasons in the highlighted zones.



Effects of Baiting on Managing New Jersey's Deer Population

Bait can be an effective tool for luring game animals such as white-tailed deer to locations where they may be killed. Hunting deer with the aid of bait while elevated in a standing tree or in a structure within 300 feet of a baited area was prohibited in 1972. However, the use of bait, both legal and illegal, continued especially in the pinelands of southern New Jersey. There were several attempts to repeal the prohibition, and the regulation was changed at the end of the 1997 Legislative session.

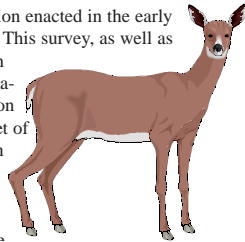
At the request of the agricultural community, Assembly Bill No. 1933, known as the "Baiting Bill," was passed. The bill amended the deer hunting regulations to allow hunting from an elevated stand or other structure within 300 feet of a baited area, in all counties except Bergen, Essex and Hudson. Farmers pursued the change in an effort to increase the deer harvest and to better control local deer populations. In a conditional veto of this bill, Governor Whitman authorized the amendment for the 1998-99 deer season only and directed that the effects of baiting on managing the deer population, other wildlife and the health, safety and welfare of the general population be evaluated.

A deer baiting survey was conducted from March 16 through April 10, 1999. Hunters were selected from a list of first lottery winners in each of the special permit deer seasons. One thousand six hundred twenty four permit holders were contacted during the survey for a 27.7% response rate. While nearly 92% of the respondents were aware of the regulatory change, less than 28% took advantage of it. Hunters using bait enjoyed an average 49.1% success rate, versus 36.6% for respondents not using bait. Private property was five times more likely to be baited, with 84.7% of sites located on privately owned land and 15.3% on public landholdings.

Corn was the most frequently used bait and the majority of hunters expended less than \$50 on bait purchases. Baiting frequency varied between seasons. Most deer management zones had a 25-day permit bow season and a 16-day permit muzzleloader season. Nearly 90% of respondents support the current baiting regulation. 70.2% want to use bait statewide; 15.8% want to use bait in special situations such as urban/suburban areas; and 2.4% want to use bait in agricultural areas experiencing excessive deer damage. Only 11.6% of respondents did not support the regulation under any circumstances.

All permit deer seasons registered harvest increases in 1998 compared to 1997, despite an overall reduction in permits issued. The 7,228 deer taken during the permit bow season represents the second highest figure to date and record harvests were established in the permit muzzleloader (9,850 deer harvested) and permit shotgun (18,268 deer harvested) seasons. However, these benchmarks are not likely the result of the regulatory change. Other factors, such as expansion of the bonus tag program to include the permit muzzleloader and winter bow seasons, favorable hunting weather conditions, and a two-week extension of the permit shotgun season in Zones 7, 8, 10, 11, 12 and 41, are more likely responsible for the harvest increases.

Ethical reservations led to the baiting restriction legislation enacted in the early 1970's and the practice of baiting remains one of ethics today. This survey, as well as the New Jersey Hunter Retention and Deer Hunter Satisfaction Survey, indicated that most hunters would like to see the regulation continued on a statewide level. The experimental regulation that allows hunters to shoot deer while elevated within 300 feet of a baited area has not proven to have any detrimental impact on the deer resource. From a biological perspective, baiting from any distance should be endorsed as an effective means in controlling deer populations throughout the state, particularly in areas where the management strategy is to reduce the herd size.



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New Jersey Hunter Retention and Deer Hunter Satisfaction Survey

In 1998, the Division of Fish, Game and Wildlife contracted with Responsive Management (RM) of Harrisonburg, Virginia to conduct a two-part study determining the extent of and reasons for decreased hunting activity in New Jersey and to examine the opinions and attitudes of New Jersey deer hunters.

The study indicated almost one-third of hunters licensed in 1994 are now ex-hunters or have decreased their hunting activity. Ex-hunters were defined as those respondents who had not hunted in the last five years. Decreased activity hunters are those whose hunting level in that time had decreased. The main reason for both groups was not enough time to hunt. Other reasons included not enough private lands to hunt and limited access to these lands.

Active hunters felt that work obligations, amount of free time, less private land to hunt, and limited access to places to hunt are major detractions to their enjoyment of hunting. Other important factors include too many hunters in the field and poor behavior of other hunters. Both groups of hunters indicated they would hunt more often if the Division made a special effort to increase and improve access to public land and encourage owners of private land to allow hunting on their property. The development of programs to match hunters looking for places to hunt with farmers who need help controlling deer would also improve hunter activity.

The study also revealed that the three types of hunters (bow, muzzleloader and shotgun) had similar responses to questions regarding their satisfaction and opinions on hunting in New Jersey. Most hunters agreed that there were enough antlered deer in the areas they hunted most often in 1997-98, and at least 80% of all hunters said they were satisfied with their hunting experiences in New Jersey over the last two years. Seventy-five percent of all respondents said they were willing to give up the chance to shoot small-antlered deer and shoot more antlerless deer in exchange for an increased chance to shoot large-antlered deer in the future (e.g., a Quality Deer Management approach). Half of the hunters questioned rated the Division's overall performance as "good" in the protection, conservation, and management of New Jersey's wildlife resources (25% rated the Division's overall performance as "excellent").

Two-thirds of hunters felt the Division should maintain the current regulations and said the Division does an "excellent" or "good" job of making people aware of current deer hunting regulations (although about 30% said the Division was only "fair" or "poor" at this task). Seventy percent of each group opposed the idea of eliminating quotas and selling an unlimited number of bow, muzzleloader and shotgun permits through license agents. They supported the idea of supplemental and bonus deer tags being valid on the day of issuance. Most hunters supported using bait for deer hunting on a permanent basis, although there was considerable opposition (32% bow, 40% muzzleloader, and 36% shotgun) to this idea.

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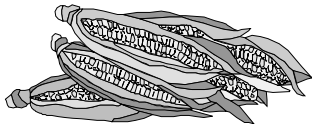
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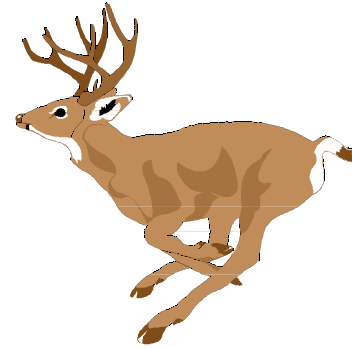
1998-1999 Deer Harvest Summary

The 1998-99 total deer harvest of 60,014 is the largest deer harvest in New Jersey's history. It was 0.8 percent (463 deer) higher than the 1997-98 harvest of 59,551 and 0.4 percent (245 deer) higher than the previous record harvest achieved during the 1995-96 seasons. Statewide, new season harvest records were established in the permit muzzleloader, permit shotgun and winter bow seasons. A record number of antlerless deer were also harvested. Factors contributing to the excellent harvest included population management strategies for herd reduction on over 70 percent of the State's deer range, expansion of the "Bonus Tag" program to include the permit muzzleloader and winter bow seasons, expansion of the season length and/or bag limits in many zones during the permit shotgun season, and generally favorable deer hunting weather.

Total harvests for each of the six seasons were: fall bow - 12,581; permit bow - 7,228; six-day firearm - 10,921; permit muzzleloader - 9,850; permit shotgun - 18,268; and winter bow - 1,166. Overall hunter success rates during the special permit seasons were 23.6 percent during permit bow; 33.5 percent during permit muzzleloader and 45.4 percent during the permit shotgun seasons.

The top seven counties in terms of total deer harvested were as follows: Hunterdon (11,031); Sussex (7,114); Warren (6,867); Burlington (4,425); Morris (4,315); Somerset (3,851); and Salem (3,615).

The total harvest consisted of a record 33,025 antlerless deer. Achievement of antlerless harvest objectives is critical for effective deer population management. On a statewide basis, the majority of the antlerless harvest occurred during the permit shotgun season (16,528 deer, or 50.0% of the total antlerless harvest). However, in some zones with good hunter access, bow hunters accounted for over half of the antlerless harvest.



The 1998-99 Total Deer Harvest by Deer Management Zone

DMZ	Fall Bow	Permit Bow	Permit Muzzleloader	Six-day Firearm	Permit Shotgun	Winter Bow	Total
1	161	93	285	127	53	36	755
2	538	337	533	559	743	33	2,743
3	216	140	238	175	17	7	793
4	123	221	287	216	56	103	1,006
5	862	547	1,028	664	1,737	42	4,880
6	446	182	375	248	361	31	1,643
7	455	316	430	328	978	10	2,517
8	1,095	647	890	553	2,103	47	5,335
9	297	140	197	144	305	32	1,115
10	746	391	506	458	1,403	30	3,534
11	546	313	295	236	951	20	2,361
12	927	430	614	397	1,658	46	4,072
13	755	255	160	76	372	69	1,687
14	457	223	310	183	873	34	2,080
15	287	177	228	240	437	29	1,398
16	176	143	230	144	109	32	834
17	206	73	170	214	371	9	1,043
18	126	no season	158	145	5	27	461
19	324	172	297	260	351	47	1,451
21	87	no season	209	172	7	36	511
22	110	68	88	53	62	23	404
23	141	149	313	315	25	38	981
24	79	no season	164	174	1	28	446
25	160	122	161	179	481	7	1,110
26	262	174	313	400	80	55	1,284
27	251	137	228	267	365	15	1,263
28	269	139	143	232	235	20	1,038
29	243	148	186	281	359	18	1,235
30	118	70	106	143	91	23	551
31	73	48	59	59	13	20	272
33	30	26	50	41	53	7	07
34	189	195	198	356	168	54	1,160
35	413	245	247	345	684	19	1,953
36	132	64	28	9	77	13	323
37	31	17	7	125	3	5	188
38	no season	no season	no season	no season	181	no season	181
39	26	18	29	16	85		174
40	11	22	no season	no season	no season	3	36
41	216	92	187	65	623	9	192
42	52	8	37	17	107	6	227
43	33	37	95	58	4	11	238
45	44	46	83	136		3	312
46	53	61	112	157	37	4	424
47	33	40	47	57	119	8	304
48	168	122	189	122	393	15	1,009
49	80	25	21	20	81	3	230
50	208	131	160	60	473	13	1,045
51	111	87	54	50	203	10	515
52	14	12	7	86	5	2	126
53	7	11	5	22	5	6	56
54	14	8	15	2	8	2	49
55	19	no season	25	23	3	4	74
56	no season	no season	no season	no season	13	no season	13
57	no season	2	no season	15	6	no season	23
58	no season	7	no season	5	11	no season	23
59	no season	13	no season	no season	30	no season	43
60	no season	no season	no season	no season	38	no season	38
61	no season	3	7	11	21	0	42
63	118	55	68	66	167	0	474
64	no season	no season	no season	no season	51	no season	51
65	41	23	49	45	1	1	160
66	2	3		1	16	1	23
67	no season	no season	no season	298	no season	no season	298
Total	12,581	7,228	10,921	9,850	18,268	1,166	60,014

The 1998-99 Total Deer Harvest by County

County	Fall Bow	Permit Bow	Permit Muzzleloader	Six-day Firearm	Permit Shotgun	Winter Bow	Total
Atlantic	427	317	595	720	483	73	2,615
Bergen	25	10	10	5	3	0	53
Burlington	845	480	1,005	1,022	938	135	4,425
Camden	92	61	121	95	113	9	491
Cape May	132	166	168	304	141	49	960
Cumberland	593	381	557	730	434	94	2,789
Essex	40	25	21	10	13	3	112
Gloucester	488	275	333	431	844	27	2,398
Hudson	0	0	0	0	0	0	0
Hunterdon	2,417	1,272	1,569	1,189	4,470	114	11,031
Mercer	502	215	331	194	859	23	2,124
Middlesex	276	158	240	152	743	12	1,581
Monmouth	612	420	499	403	971	72	2,977
Morris	1,231	559	719	356	1,347	103	4,315
Ocean	460	168	563	587	246	101	2,125
Passaic	167	96	150	104	9	5	531
Salem	765	453	544	701	1,118	34	3,615
Somerset	1,009	483	542	362	1,377	78	3,851
Sussex	1,334	878	1,601	1,537	1,597	167	7,114
Union	1	0	11	0	28	0	40
Warren	1,165	811	1,342	948	2,534	67	6,867
State	12,581	7,228	10,921	9,850	18,268	1,166	60,014

The 1998-99 Deer Harvest per Square Mile of Deer Range

DMZ	Deer Range (sq. mi.)	Antlered bucks	Antlerless deer	Total Deer
1	64.4	7.9	3.8	11.7
2	170.0	7.2	8.9	16.1
3	160.0	3.5	1.4	5.0
4	64.0	8.8	6.9	15.7
5	239.0	8.9	11.5	20.4
6	160.0	5.8	4.5	10.3
7	110.0	9.9	13.0	22.9
8	225.0	10.3	13.4	23.7
9	75.0	7.2	7.7	14.9
10	120.0	12.1	17.4	29.5
11	75.0	11.9	19.6	31.5
12	172.0	10.2	13.4	23.7
13	90.0	7.3	11.4	18.7
14	190.0	4.7	6.2	10.9
15	88.0	6.9	9.0	15.9
16	139.7	3.7	2.3	6.0
17	92.3	4.4	6.9	11.3
18	74.7	3.7	2.5	6.2
19	147.6	4.3	5.5	9.8
21	181.3	1.8	1.0	2.8
22	31.0	5.9	7.1	13.0
23	187.5	3.1	2.1	5.2
24	171.7	1.7	0.9	2.6
25	151.0	2.8	4.6	7.4
26	144.1	4.7	4.2	8.9
27	102.0	5.4	7.0	12.4
28	105.0	4.0	5.9	9.9
29	67.0	7.4	11.0	18.4
30	48.3	4.8	6.6	11.4
31	43.0	2.9	3.4	6.3
33	25.0	4.4	3.9	8.3
34	112.0	4.2	6.1	10.4
35	160.0	5.0	7.3	12.2
36	34.0	3.8	5.7	9.5
37	21.0	3.3	5.7	9.0
38	10.0	5.5	12.6	18.1
39	16.0	4.9	6.0	10.9
40	1.0	16.0	20.0	36.0
41	42.0	10.3	18.0	28.4
42	17.9	4.7	8.0	12.7
43	27.0	5.8	3.0	8.8
45	62.0	2.7	2.3	5.0
46	62.0	3.5	3.3	6.8
47	65.0	1.6	3.0	4.7
48	90.0	5.2	6.1	11.2
49	5.0	15.6	30.4	46.0
50	123.0	3.7	4.7	8.5
51	65.0	3.2	4.8	7.9
52	20.0	3.5	2.8	6.3
53	8.0	2.3	4.8	7.0
54	5.0	6.0	3.8	9.8
55	5.0	8.8	6.0	14.8
56	1.0	6.0	7.0	13.0
57	1.0	4.0	19.0	23.0
58	4.0	1.8	4.0	5.8
59	2.0	4.5	17.0	21.5
60	2.5	2.0	13.2	15.2
61	4.6	4.8	4.3	9.1
63	19.0	10.5	14.5	24.9
64	2.3	7.4	14.8	22.2
65	16.0	5.9	4.1	10.0
66	3.3	2.7	4.2	7.0
67	15.6	4.4	14.7	19.1
State	4,735.8	5.7	7.0	12.7

NEW JERSEY WILDLIFE VIEWING GUIDE

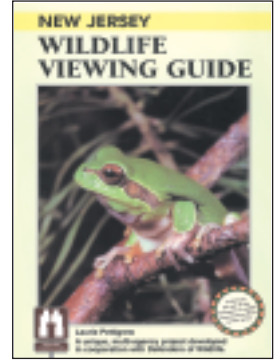
The NJ Division of Fish, Game and Wildlife is proud to announce the publication of the New Jersey Wildlife Viewing Guide. The publication of the Guide is the culmination of a two year project coordinated by the Division's Endangered and Nongame Species Program to establish a network of viewing sites throughout the state.

The Guide beautifully illustrates the rich natural treasures that few people realize exist in the state. Experience the amazing diversity of New Jersey's wildlife and habitats at 87 of the state's best Wildlife Viewing Areas. The 165 page Guide is full of color photos and illustrations and provides directions to each site and information on site facilities, best viewing seasons and which animals and habitats can be seen.

Unique to the New Jersey Guide is the addition of Wildlife Diversity Tours. In four regions, expanded information is provided on five sites in each region that when experienced through a 2-3 day trip provide a deeper understanding and appreciation of the ecosystems and wildlife found in the region.

Order yours today by using the order form below.

The creation of the Wildlife Viewing Guide and the development of a Watchable Wildlife Program for New Jersey was made possible in part through grants from the EPA, US Fish and Wildlife Service, National Park Service and Department of Defense. Major funding has been provided through proceeds from the sale of 'Conserve Wildlife' license plates.



WILDLIFE VIEWING GUIDE ORDER FORM

Name _____

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1999-00 Mandatory Deer Check Stations

	Fall Bow	Permit Bow	6-Day Firearm	Permit Muzzle-loader	Permit Shotgun	Winter Bow
Atlantic County						
Muskett's Tavern, 343 W. White Horse Pike, Absecon	x	x	1	x	3	x
Nacote Creek Research Station1, Rt. 9 North, (2.5 miles north of Smithville), Galloway Twp.	x	x	x	x	x	x
Nesco Package Goods, Rt. 542, Nesco	x	x	x	x	x	x
Ross' Auto Repair, 10th & S. Jersey Ave., Dorothy	x	x	x	x	x	x
Sugar Hill Sub & Deli, 153 Somers Point Rd., Mays Landing	x	x	x	x	x	x
Ted's Taxidermy, 713 Rt. 40 (1/10 mile west of Rt. 54), Buena	x	x	x	x	x	x
Bergen County						
Cal's Sport Shop, West Oakland Ave. & River Rd., jct., Oakland	x	x	x	x	x	x
Targeteers Sporting Goods, 101 Rt. 46 West, Saddle Brook	x	x	x	x	x	x
Burlington County						
Ft. Dix Military Reservation, Range 14, Rod & Gun Club	x	x	x	x	x	x
Green Bank Inn, Rt. 542 & Rt. 563 Jct., Green Bank	x	x	x	x	x	x
Indian Mills Texaco, 1231 Rt. 206 South, Shamong	x	x	x	x	x	x
King's Bait and Tackle, 379 Lakehurst Rd., Browns Mills	x	x	x	x	x	x
Mike's Sporting Goods, 1414 Rt. 38, Hainesport	x	x	x	x	x	x
Nixon's General Store, Chatsworth Rd. & New Rd. Jct., Tabernacle	x	x	x	x	x	x
Pine Barren Stove & Sport Shop, Rt. 72, Chatsworth	x	x	x	x	x	x
Schneider Supply, 390 Lakehurst Rd. (Rt. 530), Browns Mills	x	x	x	x	x	x
Sportsmen's Center, U.S. Rt. 130 North, Bordentown	x	x	x	x	x	x
Union Hill Campground, jct. Chatsworth & Leekstown Rds., New Gretna	x	x	x	x	x	x
Camden County						
Atco Sports, 177 Atco Ave., Atco	x	x	x	x	x	x
Fish & Fur Sports, 1214 Black Horse Pike (Rt. 168), Glendora	x	x	x	x	x	x
Russell's PIC-II, 386 White Horse Pike, Ancora	x	x	1	x	4	x
Sicklerville Hardware, 540 Williamstown Rd., Sicklerville	x	x	x	x	x	x
Cape May County						
Belleplain Supply & Gun Center, Hands Mill Rd., Belleplain	x	x	x	x	x	x
Fletcher's Corner, 212 South Rt. 47, Dias Creek	x	x	x	x	x	x
Just Sports, 21 Mechanic St., Cape May Court House	x	x	x	x	x	x
Cumberland County						
Busnardo's Sport Center, 886 North Pearl St., Bridgeton	x	x	x	x	x	x
Cedarville Hardware & Feed, 53 S. Main St., Cedarville	x	x	x	x	x	x
Cumberland Country Store, Rt. 49 & Hesstown Rd., Millville	x	x	x	x	x	x
Maurice River Sports Center, 329 W. Main St., Millville	x	x	1	x	4	x
Neighborhood Deli, jct. Cedarville & Buckshutem Rds., Millville	x	x	x	x	x	x
Van Meter Archery, Hopewell Shopping Center, Rt. 49, Bridgeton	x	x	1	x	4	x
Essex County						
Butts and Bows, 468 Washington Ave., Belleville	x	x	x	x	x	x
Gloucester County						
A&M Meats, Wolfert Station Rd., Mullica Hill	x	x	x	x	x	x
Paulsboro Lockers, 649 Swedesboro Rd., Gibbstown	x	x	x	x	x	x
Sportsmen's Outpost, Fries Mill Rd., Williamstown	x	x	x	x	x	x
Hudson County						
Summit Indoor Archery Lanes, 443-445 Central Ave., Jersey City	x	x	x	x	x	x
Hunterdon County						
Boan's Marine, 1296 Rt. 179, Mt. Airy	x	x	x	x	x	x
Brown's Auto Body, 1173 Rt. 579, Quakertown	x	x	x	x	x	x
Carousel Deli & Bakery, Rt. 179 & Wertsville Rd. jct., Ringoes	x	x	x	x	x	x
Clinton Outfitters, 2020 Rt. 31 North, Glen Gardner	x	x	x	x	x	x
Hunter's Hide-A-Way, 15 Rt. 12 West, Flemington	x	x	x	x	x	x
Lebanon Bait & Sport Shop, 1110 Rt. 22 West, Lebanon	x	x	x	x	x	x
Milford Napa Auto Parts, 1000 Milford-Frenchtown Rd., Frenchtown	x	x	x	x	x	x
Sportsman's Rendezvous, 174 Rt. 31 North (in Sportsman's Plaza), Flemington	x	x	x	x	x	x
The Corner Store, Rt. 12 and Rt. 519 jct., Baptistown	x	x	x	x	x	x
V. Roche & sons, 9 High St. Whitehouse Sta.	x	x	x	x	x	x
Mercer County						
Mignella's Hillbilly Hall, N. Greenwood Ave., Hopewell	x	x	x	x	x	x
Steve's Bait & Tackle, 21 E. Broad St., Hopewell Boro.	x	x	x	x	x	x
Trigger and Reel, 60 Arctic Parkway, Ewing	x	x	x	x	x	x
Washington Crossing State Park, Phillips Farm location, Harborton-Bear Tavern Rd., Washington Crossing			5			
Middlesex County						
George's Garage & Towing, 2681 Rt. 130 (at Half Acre Rd.), Cranbury	x	x	x	x	x	x
All Season's Sports & Taxidermy, 1938 Englishtown Rd. (Rt. 527), Jamesburg	x	x	x	x	x	x
S & B Sportsman Shop, 2166 Rt. 130, North Brunswick	x	x	1	x	4	x
Sayreville Sportsman, 52 Washington Rd., Sayreville	x	x	x	x	x	x
Monmouth County						
Colts Neck General Store, 38 Rt. 537 (west of Rt. 34), Colts Neck	x	x	x	x	x	x
Sportsman's Shop, Rt. 35 & 3rd Ave., Neptune	x	x	x	x	x	x
Sportsman Supply, 479 Rt. 79 (in the Central Mall), Morganville	x	x	x	x	x	x
Morris County						
Buck & Bass, 15 Weldon Rd., Jefferson Twp.	x	x	x	x	x	x
Bob Riley Auto Repair, 22 Merry Lane, East Hanover	x	x	x	x	x	x
Joe's Madison Mobil, 14 Kings Rd., Madison	x	x	x	x	x	x
Parsippany Bait, Sport & Tackle, 180 Parsippany Rd., (behind Green Hills Shopping Ctr.), Parsippany	x	x	x	x	x	x
R & S Sports Center, Rt. 46 & New St. jct., Budd Lake	x	x	x	x	x	x
Sportsman's Cove, Old Rt. 15 (Rt. 181), Woodport	x	x	x	x	x	x
The Country Sportsman, 63 Hamburg Tpke., Riverdale	x	x	x	x	x	x
Ocean County						
Al Martis Inn, 1330 Rt. 70 (west of Rt. 539), Whiting	x	x	x	x	x	x
Al's Grill & Cream Ridge Sporting Goods, 465 Rt. 539 (south of Rt. 537), Cream Ridge	x	x	x	x	x	x
Grizz's Forked River Bait and Tackle, 232 North Main St., Forked River	x	x	x	x	x	x
Murphy's Hook House, 2308 Rt. 37 East, Toms River	x	x	x			
Jackson Sporting Goods, 271 S. New Prospect Rd. (north of Rt. 526), Jackson	x	x	1	x	4	x
Just Plain Jane's, 581 E. Veterans Hwy. (Rt. 528), Jackson	x	x	x	x	x	x
Lucille's Country Cooking, 1496 Rt. 539, Warren Grove	x	x	x	x	x	x
Point Boro Sports, 3201 Bridge Ave. (south of Rt. 88; Bridge Ave. & Cohocton Ave. Jct.), Point Pleasant	x	x	1	x	x	x

AMB DEER PROCESSING

If you're a deer hunter located in Central or Northern NJ (North of Ocean County), and you are paying to have your deer processed, continue reading!

Problems:

- Poor Quality - Processing by Amateurs
- High Cost
- Are you getting the cuts you want?
- Are you getting all you meat back?
- Are you getting the same deer back?

The AMB Deer processing solution:

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Washington	908-689-4430
Flemington	908-284-2266
Woodbridge	732-750-5034
Freehold	732-294-0983

Note: A deer tag is absolutely required for our processing service.

Offering Limited Smoked Products:

1. Hot Dogs
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3. Cold Cut Bologna
4. Italian Style Sausage
5. Smoked Hams

1999-00 Mandatory Deer Check Stations

	Bow	Bow	Firearm	Muzzle-loader	Shotgun	Bow
Ocean County						
Scott's Bait & Tackle, 945 Radio Rd., Mystic Island	x	x	x	x	x	x
Sportsman's Shanty, 420 Chandler Rd., Jackson	x	x	x	x	x	x
Passaic County						
Frank's Tackle, 81 Ringwood Ave. (Rt. 511), Wanauque	x	x	1	x	2	x
Monksville Bait, Sport & Tackle, 1141 Greenwood Lake Tpke., Ringwood	x	x	x	x	x	x
The Great Outdoors, 1846 Route 23 North, West Milford	x	x	x	4	x	
Salem County						
Buck Road Sport Shoppe, Rt. 553, Elmer	x	x	x	x	x	x
Joe & Sandi's Country Store, Main St., Canton	x	x	x	x	x	x
North American Archery and Muzzleloader, Pole Tavern Circle, Monroeville	x	x	x	x	x	x
Outdoor Experience, Rt. 40 and Green St., Sharpstown	x	x	x	x	x	x
Alloway Village Hardware, Rt. 540, Alloway	x	x	x	x	x	x
Somerset County						
Charlie Stone, Pleasant Run Rd., Neshanic Station	x	x	x	x	x	x
Hillsborough Shooting Center, 170 Township Line Rd. (in Longships Complex), Belle Mead	x	x	x	x	x	x
Millstone Sport Shop, 20 N. River St., Millstone	x	x	x	x	x	x
Sussex County						
Adventure Sport, 107-109 Rt. 23, Franklin	x	x	x	x	x	x
Bill's Hideaway, 1284 Rt. 23 South, Colesville	x	x	x	x	x	x
Hainesville General Store, 283 Rt. 206 South, Hainesville	x	x	x	x	x	x
Jumboland, Rt. 206 North, Branchville	x	x	x	x	x	x
Layton Hotel, Rt. 560, Layton	x	x	x	x	x	x
Lee & Sons Sport Shoppe, 116 Rt. 206 North, Stanhope	x	x	x	x	x	x
Mastodon Sport Center, 34 Highland Lakes Rd. (Rt. 638), Highland Lakes	x	x	x	x	x	x
Sig Borstad Archery & Hunting Supply, Old Rudetown Rd., McAfee	x	x	x	x	x	x
Simon Peter Fish & Tackle, 660 Rt. 206 South, Newton	x	x	x	x	x	x
Stillwater Supply, Stillwater Station Rd., Stillwater	x	x	x	x	x	x
Swartswood Country Store, 911 Newton-Swartswood Rd., Swartswood	x	x	x	x	x	x
Vernon Crossing Tire & Auto, 7 Vernon Crossing Rd., Vernon	x	x	x	x	x	x
Union County						
Charlie Brenner's Sports Shop, 344 St. George Ave. (Rt. 27), Rahway	x	x	x	x	x	x
New Providence Exxon, 50 South St., New Providence	x	x	x	x	x	x
Warren County						
County Line Sport Shop, 10 Rt. 46 West, Hackettstown	x	x	x	x	x	x
Hi-Way Sport Shop, 253 Rt. 31 South, Washington	x	x	x	x	x	x
Merrill Creek Sport Shop, Rt. 57, Stewartville	x	x	x	x	x	x
Red Hawk Outfitters, 128 Rt. 94, Blairstown	x	x	x	x	x	x
Sigler's Machine Shop, Island Dragway Rd., Great Meadows	x	x	x	x	x	x
Stanley's Marine, Rt. 46 & Rt. 519 jct., Belvidere	x	x	x	x	x	x
The Big K, 606 Rt. 519 (Hope-Johnsonburg Rd.), Johnsonburg	x	x	x	x	x	x
The Owl's Nest, 97 Rt. 519, Warren Glen	x	x	x	x	x	x
W.A.G. Sport Shop, Rt. 46, Columbia	x	x	x	x	x	x

Note: If a station is not listed as open to check deer it may be open for business.

1 Hunters may register their deer at this field office during normal state operation hours (8:30 a.m. to 4:30 p.m. Monday through Friday). The station is closed on Saturdays, Sundays and Holidays. The Bureau of Wildlife Management is located behind the Marine Law Enforcement Office.

- 1 Stations will check deer Tuesday through Saturday of the 6-Day Firearm Season only (Dec. 7-11, 1999).
- 2 Stations will check deer on the following Permit Shotgun Season dates only: Jan. 8-29, 2000.
- 3 Stations will check deer on the following Permit Shotgun Season dates only: Dec. 16-17, 1999.
- 4 Stations will check deer on the following Permit Shotgun Season dates only: Dec. 16-17, 1999 & Jan. 2-29, 2000.
- 5 Stations will check deer for the opening day of the 6-Day Firearm Season only (Dec. 6, 1999).
- 6 Stations will check deer for the opening day of the Permit Shotgun Season only (Dec. 15, 1999).



Outdoor Skills Workshop for Women

These workshops are for you if you have never tried these activities and hope for an opportunity to learn, you are a beginner who hopes to improve your skills, you have some outdoor experience and would like to expand your abilities, and you are excited to meet other outdoor enthusiasts. While Becoming an Outdoors-Woman workshops are designed primarily for women, anyone over 18 years of age is welcome to participate.

For more information and to be placed on our mailing list, please fill out this coupon and mail to: NJFG&W, 220 Blue Anchor Rd., Sicklerville, NJ 08081.

Outdoor Skills Workshop

Name _____
 Address _____
 City _____ County _____
 State _____ Zip _____

Conserve Wildlife License Plates Support Nongame and Endangered Species



Since 1972 the Endangered and Nongame species Program (ENSP) has worked to protect and restore New Jersey's endangered and threatened wildlife. You can help the program through the Income Tax Check-off and/or through the Conserve Wildlife license plate.

These attractive \$50 license plates let everyone know you believe in conservation, and 80% of your tax deductible payment goes directly to the ENSP. Personalized Wildlife Plates are also available for \$100.

Previously available by mail only, motorist may now purchase the plates in person at DMV offices regardless of their current expiration date. Plates can also be purchased from car dealers when buying or leasing a new car.

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Outstanding Deer Program Recognizes New Jersey's Quality Deer

New Jersey's *Outstanding White-tailed Deer Program* recognizes the quality of the state's deer and the sportsmen and women who hunt them. Initiated in 1964, the *Outstanding Deer Program* is currently sponsored by the Division, NJ State Federation of Sportsmen's Clubs, United Bowhunters of New Jersey, and the Atlantic County Federation of Sportsmen's Clubs. Although recognition is given for the top scoring deer from each of last years hunting seasons, any deer legally harvested in New Jersey that meets the minimum requirements may be entered for inclusion in the all-time listing.

Recognition is given in four categories; the largest buck taken, the largest doe taken (both based on field-dressed weight), the finest typical antler development, and the finest non-typical development (both based on the Boone and Crockett Club scoring system). The minimum field-dressed weight for bucks is 200 pounds, and must be weighed on a certified scale. The minimum field-dressed weight for does is 135 pounds, and may be weighed on scales at official deer checking stations. The minimum eligible typical antler score is 125 0/8 inches, and the minimum eligible non-typical antler score is 135 0/8 inches. Recognition is given in each category by the type of sporting arm used (bow, muzzleloader and shotgun).

Any properly licensed hunter, regardless of residency, is eligible to enter the *Outstanding Deer Program*. Deer must be taken in New Jersey in accordance with the laws and regulations of the state. Additional rules and requirements are included with official entry forms. Application forms and instructions are available by sending a self-addressed, stamped envelope to: NJ Division of Fish, Game and Wildlife, *Outstanding Deer Program*, PO Box 400, Trenton, NJ 08625-0400. There is no entry fee. All qualified entries will be added to New Jersey's all-time list.

Through the 1997-98 seasons, the top five counties for 200+ pound bucks were Mercer, Gloucester, Salem, Hunterdon, and Monmouth. The state record weight of 240 pounds is shared by two Mercer County deer (one taken in 1967 by Pat Delre of Hightstown and one taken in 1988 by a Maryland hunter).

The top five counties for 135+ pound does are Salem, Gloucester, Mercer, Somerset and Warren. The state record weight for a doe is 179 pounds and was taken in 1992 from Gloucester County by Kenneth E. Wilson, Jr.

The top five counties for exceptional typical antler development are Salem, Monmouth, Hunterdon, Mercer and Somerset. New Jersey's number one typical buck was taken from Monmouth County in 1995 by Scott William Borden and

scored 189 4/8 inches.

The top five counties for outstanding non-typical antler development are Monmouth, Burlington, Somerset, Cumberland and Salem. New Jersey's number one non-typical buck was taken from Burlington County in 1946 by Norman Taylor and scored 214 3/8 inches.

Following is a list of the top scoring deer and the sportsmen who participated in the 1998 Garden State Deer Classic, held at the Sportsman's Jamboree in Millville, NJ. The Classic showcased the outstanding deer taken during the 1997-98 deer seasons. The rankings listed represent placement on the all-time list within each category.

Category	Sportsman	County of Harvest	Score	Rank
Typical Archery	Joseph Stavola	Somerset	146 6/8	29
	Chris Sarnowski	Hunterdon	143 3/8	41
	Richard Etschman	Gloucester	143 2/8	42
	Gary Rosmando	Burlington	140 7/8	56
	John Rose	Monmouth	137 5/8	67
	Daniel Sherwood	Hunterdon	129 7/8	114
	David Poley	Atlantic	125 7/8	142
Typical Muzzleloader	Thomas Wolf	Burlington	127 5/8	32
Typical Shotgun	Allen Sheppard	Cumberland	144 3/8	55
	Jim Fiorani, Sr.	Cumberland	141 6/8	72
	Anthony Bianco	Monmouth	135 7/8	108
	Mike Nirdlinger	Burlington	132 5/8	118
Non-typ. Archery	Kevin Behan	Monmouth	155 3/8	11
	Brian Henderson	Cumberland	141 1/8	26
	Logan Moen	Somerset	139 7/8	29
Non-typ. Muzzle.	Michael Hickman	Cumberland	145 0/8	6
Non-typ. Shotgun	Ryan Archer	Monmouth	169 4/8	8
	Malcom Williams	Salem	164 5/8	12
	Alfred DiFilippantonio	Gloucester	159 4/8	19
	Jeff Cramer	Burlington	157 7/8	21
	Walter Heinemann	Cape May	140 6/8	38
200 lbs. - Archery	Ricky Foote	Salem	215 lbs.	18
	Karma Rette	Mercer	214 lbs.	19
	Brian Henderson	Cumberland	205 lbs.	28
	Gary Rosmando	Burlington	204 lbs.	30
	Richard Etschmann	Gloucester	201 lbs.	34
200 lbs. - Muzzleloader	No entry			
200 lbs. - Shotgun	No entry			
135 lbs. - Archery	Jeffrey Richey	Salem	148 lbs.	1
135 lbs. - Muzzleloader	No entry			
135 lbs. - Shotgun	No entry			

New Jersey Sixteenth Waterfowl Stamp & Third in a Series of Historic Boats

The 1999 New Jersey waterfowl stamp design features a pair of red-heads at Barnegat Bay and a baymen's boat called the Garvey. Design artist Richard Clifton is an avid hunter of waterfowl and upland game, which influences his keen appreciation of and life-like depiction of nature's beauty and splendor. He is a native of Milford, Delaware and has designed an impressive number of state waterfowl stamps. This is the sixteenth issue of New Jersey waterfowl stamps and the third in a series of historic boats. The Garvey or "Baymen's Boat" is a unique flat-bottomed craft that traces its origin and name to Jarvis (Gervas) Pharo who settled in the village of West Creek in the early 1700's. He brought with him a design for a "Punt Boat," a long, narrow, shallow-draft vessel suitable for maneuvering in water often less than two feet deep. In many productive shell fishing beds in Barnegat Bay, the water rarely exceeds two to three feet in depth. Early Garveys were poled, rowed or sailed across the bay.

The traditional Garvey is between 14 and 30 feet long and constructed of native Atlantic White Cedar. This wood is favored for its insect resistance, durability and light weight. Many other types of boats produce a wake, caus-

ing bank erosion along shallow creeks and sedge islands. The design of Garveys allows for the wakes to be dissipated with a noticeably reduced force of wave action.

Generations of Baymen utilized this stable workboat for tonging and raking clams, oystering, crabbing and fishing. Over the years local boat builders made modifications and improvements on the original Garvey. Few of their designs and plans have ever been drawn out on paper. Fathers passed the traditional construction secrets and refinements to their sons. Today only a few Garvey builders still exist. The Garvey has evolved into a wide, flat-bottomed and very stable utility craft.

New Jersey, through an act of the State Legislature, began annually requiring waterfowl stamps in 1984. The program is administered by the New Jersey Department of Environmental Protection, Division of Fish, Game and Wildlife for the purpose of purchasing wetlands for waterfowl habitat. Proceeds from the sale of New Jersey's duck stamps and prints total over \$3,500,000, all to acquire wetlands for waterfowl habitat and public use. To date, over 11,000 acres of waterfowl habitat have been purchased or donated.



What Does the Division Do With Your Money?

This issue of the New Jersey Fish and Wildlife Digest contains the final component of a three-part series to better acquaint sportsmen and women with the Division of Fish, Game and Wildlife, its budget and wide range of responsibilities. The previous issues of the Digest focused on freshwater fisheries and marine fisheries management. This issue will examine how the Division manages upland wildlife.

The Division of Fish, Game and Wildlife is a professional, environmental agency dedicated to the protection, management and wise use of the state's fish and wildlife resources. The mission of the Division is to provide a secure and healthy environment for the fish and wildlife of New Jersey. The Division is committed to working for both the wildlife and the citizens of our state to ensure stable and thriving conditions where both can exist in balance with one another. Managing all of the state's wildlife resources is a task requiring professional and scientific expertise as well as public support.

What is the Fish and Game Council?

The well being of New Jersey's fish and wildlife resources is the responsibility of the Fish and Game Council, a body created by law in 1945. The legislature has empowered the Council with the independent responsibility to adopt Fish and Game Codes for the purpose of providing a system for the protection and conservation of fish and wildlife and to oversee the "Hunter and Angler" fund which supports these efforts. The hunting and fishing community, New Jersey's leading conservationists, was given a tremendous opportunity to provide input into the Council's decisions regarding fish and wildlife conservation by nominating six members to serve on this 11 member council.

What has the Division Accomplished?

The Division of Fish, Game and Wildlife has developed many new and innovative programs over the past 20 years that directly benefit hunters and anglers. Fall trout stocking, warmwater fisheries stocking (striped bass hybrid, tiger musky, Northern pike, channel catfish, etc.), extended bow season for deer, second deer tags, muzzleloader deer hunting, spring turkey hunting, and September and February goose seasons are programs which hunters and anglers can readily identify. In addition, the Wildlife Management Area (WMA) System has grown to more than 260,000 acres, and now includes 20 boat ramps, and 26 shotgun, muzzleloader and bow training areas.

How is the Division Funded?

All of these benefits and services do not come without a price. Managing New Jersey's fish and wildlife resources requires funding. Although the New Jersey Division of Fish, Game and Wildlife receives some general tax funds for capital improvements only, it is the hunters and anglers who provide the bulk of the funding — \$15 million is raised through license sales and federal excise taxes on hunting and fishing equipment (see accompanying article on Federal Aid in Wildlife

Restoration). Hunters and anglers pay for the conservation of fish and wildlife because they are the primary beneficiaries of a healthy resource. This "user-pays" system has proven to be the most successful way to finance a long-term wildlife conservation program.

The Role of Wildlife management

The Division's Bureau of wildlife management is responsible for the development and maintenance of a productive, diversified wildlife resource and the habitat on which it depends. This is accomplished through scientifically sound management and research programs, which provide economic, aesthetic, and recreational benefits for the citizens of New Jersey.

One of the bureau's many challenges is balancing use of the land with wildlife needs. As development continues and habitat is lost, this becomes an increasingly complex and formidable task.

Presently the Bureau of Wildlife Management:

- Manages a deer herd of 150,000 throughout the state's 4,734 square miles of deer range. Each year, more than 95,000 deer hunters harvest approximately 60,000 deer during 121 days afield. Deer hunting contributes \$106 million annually to the state's economy.
- Coordinates a Community-Based Deer Management Program to assist local authorities in dealing with deer populations that have exceeded the cultural and/or biological carrying capacity.
- Has developed extended and winter bow hunting seasons, a muzzleloader season and an early and winter goose season through the hard work and strong management plans.
- Maintains and operates the Rockport Game Farm. This facility annually produces approximately 50,000 pheasants for distribution throughout the state.
- Relies on the support of more than 1,800 volunteers in the Division's Wildlife Conservation Corps who assist staff in the areas of research, management and administration.
- Provides technical assistance to the agricultural community and the general public in efforts to control wildlife-related damage to crops and property. Last year, the Bureau responded to more than 3,500 wildlife nuisance and damage complaints from homeowners/landowners involving such species as deer, bear, beaver and coyote.
- Conducts research and formulates management plans for the wild turkey. The Bureau successfully reintroduced wild turkeys back in 1976. Currently the population exceeds 18,000 birds in 20 counties. This project represents one of New Jersey's greatest wildlife management success stories.
- Conducts research and formulates management plans for more than 30 species of migratory waterfowl through the Waterfowl Ecology and Management Project. This international resource is managed in cooperation with the

Federal Government, Canada and Mexico.

- Conducts research and formulates management plans for upland wildlife and furbearers. Annual surveys of woodcock, wild turkey and mourning dove are conducted. Firearm hunters and trappers are surveyed to estimate the harvest of upland wildlife and furbearer species. In addition, other species populations such as bear, beaver, otter, fox, coyote and others are monitored.
- Provides more than 600 gallons of deer repellent, 350 rolls of mesh fence, 100 rolls of barbed wire and 40 rolls of high tensile wire free to farmers and other landowners.

The Role of Law Enforcement

Without an adequate law enforcement unit, even the best wildlife management program could not succeed. The Division's Bureau of Law Enforcement, with 45 conservation officers and nine vacant positions, is responsible for the enforcement of laws and regulations that pertain to the state's fish and wildlife resources and their habitats. Conservation officers have full police powers. However, they focus their efforts on enforcing Title 23 — the fish and wildlife statutes. These trained professionals and their volunteer deputies actively patrol the state and its waters enforcing all laws of the state.

Presently the Bureau of Law Enforcement makes more than 60,000 direct contacts with hunters and anglers annually and prosecutes more than 5,000 violations each year.

The Role of Land Management

Another arm of the Division that is an integral part of a successful wildlife management program is the Bureau of Development and Maintenance. This Bureau, with 46 employees and three vacancies, is responsible for managing 91 Wildlife Management Areas (WMAs) encompassing approximately 260,000 acres. This includes developing wildlife habitat for game and nongame species, the distribution of freshwater fish and game birds, and the maintenance and construction of facilities such as boat ramps and shooting ranges. As land acquired through the Green Acres Program is assigned to the Division, this Bureau strives to develop as much public access as possible for wildlife-associated recreation.

Presently the Bureau of Development and Maintenance:

- Posts 475 miles of boundaries of state-owned land and maintains 159 parking lots providing public access to all WMAs and fishing access sites.
- Maintains 50 dams, 15 bridges, 20 boat ramps, 29 archery and firearm training areas, and 192 miles of roads within the WMA System. In addition, it maintains 15 boating access facilities statewide and has plans to develop and operate five more, as well as initiate efforts with host communities in the

continued on page 30

Delaware Bay and River area to upgrade/establish additional facilities that will provide boating access.

- Distributes more than 40,000 pheasants and 5,000 quail.
- Recommends land for acquisition to the Division's Wildlife Management Area System.
- Develops new access sites for hunters on existing properties.

Wildlife Health & Forensics

The Bureau of Wildlife Management also receives support from the Office of Fish and Wildlife Health and Forensics. This office has three employees and conducts investigations and research on diseases of captive and free-ranging fish and wildlife. During this past year this office conducted a variety of studies, including many forensic investigations for law enforcement.

Results of a study of a bio-engineered oral rabies vaccine led to its licensing by the USDA. It is being used in Cape May County, New York, Massachusetts, Vermont and Texas. The staff of this office has also lead cooperative research projects which identified the distribution of human disease organisms such as lyme disease, hantavirus and ehrlichiosis in natural wildlife hosts in the state. A joint survey of white-tailed deer for bovine tuberculosis and chronic wasting disease was initiated this year with the US Department of Agriculture.

Environmental Review

Other ways the Division works to provide the best wildlife recreation opportunities possible is through the Office of Environmental Review. The two employees in this Office annually investigate and analyze 800 to 1,000 project proposals that have the potential to adversely affect the state's fish and wildlife resources. They also review proposed regulations and legislation that may impact upon fish and wildlife resources. Presently the Office provides recommendations to other State Departments, federal agencies, and the general public on avoiding/minimizing project impacts. Through their efforts, the Division has saved thousands of acres of wildlife habitat that would have otherwise been lost to development.

The Role of Endangered and Nongame Species Program

Another arm of the Division that is an integral part of a successful wildlife management program is the Office of Endangered and Nongame Species. This office manages and protects all forms of non-hunted wildlife. It works to ensure that these valuable creatures remain part of New Jersey's wildlife resource. The protection and enhancement of endangered and threatened species is a top priority, with restoration of the osprey, bald eagle and peregrine falcon examples of the program's successes. These efforts are funded primarily through the State Income Tax Check-off and the sale of "Conserve Wildlife" license plates.

Presently the Office of Endangered and Nongame Species:

- Protects 25 miles of critical habitat along

Delaware Bay for an international migration of shorebirds, through a network of private and public groups and volunteers.

- Develops management programs for the state's endangered and nongame wildlife so that these species will remain a valuable part of New Jersey's ecosystem.
- Has saved the bald eagle from extinction in New Jersey. The office currently monitors a bald eagle population it restored from one active nest in 1982 to 24 nesting pairs in 1999.
- Has successfully restored the osprey, the first species ever removed from New Jersey's endangered species list. The office currently monitors an osprey population it restored from a low of 50 pairs to more than 235 pairs today.
- Protects 130 nesting pairs of endangered piping plovers, as well as 900 least tern and 1,000 black skimmer pairs along Atlantic Coast beaches.
- Surveys populations of rare species on a landscape level in two regions of the state including 155 bird species, 45 reptile and amphibian species and 25 invertebrate species. These surveys provide the basis for landscape-wide conservation with land management agencies, private conservation groups and planners.
- Monitors and protects nine endangered reptiles and amphibians, seven endangered and rare invertebrates and two endangered mammal species.
- Monitors environmental contaminants in eagles, ospreys, and peregrine falcons by analyzing blood and eggs for organic chlorines and heavy metals.

Wildlife Education

The Office of Wildlife Education, with 18 employees and five vacancies, is responsible for educating people about the state's fish and wildlife.

Presently the Office of Wildlife Education:

- Develops youth field day events to introduce young hunters between the ages of 10 and 15 years to duck hunting and upland bird hunting opportunities without competition from adult hunters.
- Coordinates the state-mandated New Jersey Hunter Education Program. The Hunter Education Office annually receives more than 15,000 applications and certifies more than 12,000 persons who successfully complete one of the Division's courses in bow and arrow, shotgun, rifle/muzzleloader, trapper training and remedial sportsman education. Approximately 300 safety courses are taught each year through the assistance of nearly 500 volunteer hunter education instructors. These dedicated volunteers donate 13,000 hours of their time to make this program one of the best rated hunter education programs in the country.
- Conducts the "Take a Kid Hunting" program. Each year more than 400 youth hunters are given the opportunity to hunt pheasants on several Wildlife Management Areas prior to the regular start of the traditional small game season.
- Coordinates the Division's "Youth Waterfowlers" day.

- Conducts the state's "Becoming an Outdoors-Woman" Program. More than 500 women annually participate in these workshops. Shooting sports continue to be one of the most popular courses taught at these events.
- Conducts a teacher education program that has reached nearly 5,000 educators with information about the importance of fish and wildlife.
- Coordinates the Wildlife Conservation Corps Program. The volunteers in this program, numbering nearly 2,000, provide professional staff with invaluable assistance and allow for such activities as research and management.
- Publishes the New Jersey Fish and Wildlife DIGEST three times a year (600,000 copies). This publication includes the rules and regulations pertaining to hunting and fishing as well as information about Division programs.
- Develops and publishes a variety of publications such as Deer Hunting and the Farmer, List of Archery and Shotgun Training Areas and New Jersey's Wild Places & Open Spaces (a guide to outdoor recreation in NJ).
- Operates the Pequest Natural Resource Education Center visited by more than 70,000 people annually, including more than 200 school and civic groups.
- Produced in cooperation with New Jersey Public Television the documentary - Deer Crossing. This production has been seen several times on public television and focuses on the challenges of managing deer in the most densely populated state in the country.
- Promotes ecotourism. Working in conjunction with interested towns, counties and businesses, staff provides the support needed to enhance ecotourism opportunities related to the economic value of hunting. The Division is currently working with Warren, Sussex, and Cumberland counties to develop strategies for these areas to benefit from the natural resources contained within their borders.

The Role of Administration

The Office of Administration with 30 employees and three vacant positions is responsible for licensing, budgeting and billing. Hunting and fishing licenses, stamps and special permits contribute approximately \$12 million annually and account for 85 percent of the Division's annual operating budget. Various licenses are sold via a network of 325 license agents comprised of bait and tackle shops and retail stores statewide, with revenues collected monthly by the Division. More than 30 different types of permits are issued including 100,000 special deer hunting permits that are sold through the mail as well as during over-the-counter sales held at various Division offices.

Conclusion

With a limited budget and personnel, the Division of Fish, Game and Wildlife has made great strides in wildlife management throughout the state. Hunters should be quite pleased with the way their money has and will continue to be spent funding critical wildlife conservation programs. For more information about the Division and its programs visit our website at www.state.nj.us/dep/fgw.

What Does This Logo Mean to You?

Hunters, do you know what this logo means? If not, you should. Every time you purchase hunting equipment, you contribute to the enhancement of wildlife throughout the United States.

Each year, in addition to license fees, U.S. hunters contribute nearly \$200 million in wildlife restoration and hunter education programs across the nation. Most do this unknowingly through user fees collected through the Federal Aid in Wildlife Restoration program. The program was an innovative solution to a frightening problem—declining wildlife.

In 1937, Congress, at the urging of hunters and the firearms industry, passed the Federal Aid in Wildlife Restoration Act. It established a partnership between hunters, firearms manufacturers, the U.S. Fish and Wildlife Service, and state wildlife management agencies.

Manufacturers of hunting and shooting equipment pay an excise tax that is passed along in the retail price to hunters and shooters. The U.S. Fish and Wildlife Service Division of Federal Aid administers the Program and distributes funds to state wildlife management agencies. The state develops and carries out the wildlife restoration and hunter education projects. The concept worked in 1937, and it still works today, with more than \$3.3 billion spent on wildlife.

What is taxed?

- Sporting firearms and ammunition:
 - 11 percent excise tax
- Pistols and revolvers:
 - 10 percent excise tax
- Archery equipment:
 - 11 percent excise tax

Who can receive Wildlife Restoration funds?

Only U.S. state, commonwealth and territory wildlife management agencies. The U.S. Fish and Wildlife Service uses a portion for program administration.

How are funds distributed?

Funds are apportioned to State wildlife agencies based on the following formula:

$$\frac{\text{State's land area}}{\text{Total U.S. land area}} + \frac{\text{State's \# of hunting licenses}}{\text{Total \# of hunting licenses nationally}}$$

States may not receive more than five percent or less than one percent of the total apportioned. U.S. commonwealths and territories receive between 1/6 and 1/2 of one percent of the total.

Half of the tax collected on pistols, revolvers, and archery equipment can be used for hunter education and public shooting range development and operation. Hunter education funds are distributed on the basis of the population of each state. The maximum apportionment to a state is three percent and the minimum is one percent. Commonwealths and territories each



receive 1/6 of one percent of total funds apportioned except for Puerto Rico which does not receive hunter education funds.

Unclaimed or unused funds revert back to the U.S. Fish and Wildlife Service's Migratory Bird Conservation Program.

How are Wildlife Restoration funds spent?

States apply for their apportioned funds through a grant process overseen by the U.S. Fish and Wildlife Service, Division of Federal Aid. Wildlife Restoration will pay up to 75 percent of a grant project's cost. Wildlife restoration funds aren't distributed until work is completed, on a cost-reimbursable basis.

The state funds the remainder, often with hunting license sales receipts, third-party match, or in-kind services from volunteer hunter education instructors.

The purpose of the Federal Aid in Wildlife Restoration program is to restore and manage wild birds and mammals and to educate hunters in safe, ethical hunting practices. States can use funds for a variety of activities, all aimed at accomplishing this challenging goal.

Here are examples of how New Jersey has used funds to restore and enhance our wildlife:

- * Reintroduction of wild turkey - Since re-introduction efforts began in 1977, these game birds are now found in 20 counties with the population estimated to be 18,000.
- * Waterfowl Ecology and Management - This program is responsible for research and management of more than 30 species of migratory waterfowl.
- * Hunter Education - More than 18,000 people apply for a hunter education course each year.
- * Public Shooting Ranges - The Division maintains 29 archery and firearm training areas throughout the state.
- * Deer Management - The Division coordinates one of the most progressive deer management programs in the nation. The goals of this program are to provide for healthy populations on suitable habitat, maintain population densities compatible with people's activities, and maximize the recreational and economic benefits derived from this renewable natural resource.
- * Upland Wildlife and Furbearer Research - Annual surveys of woodcock, wild turkey and mourning dove are conducted. Firearm hunters and trappers are surveyed to estimate the harvest of upland wildlife and furbearer species. In addition, other species populations such as bear, beaver, otter, fox, coyote and others are monitored.
- * Development of Wildlife Management Areas - This includes the development of access, construction of parking areas and boat ramps, and habitat improvement projects.

All of the above projects play an important role in protecting and enhancing New Jersey's wildlife populations and in creating more wildlife recreation for Garden State hunters. Ultimately, New Jersey hunters can be proud of the contribution they make to the enhancement and conservation of both our own and the nation's wildlife resources.



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Camera Ready Map of New Jersey Management Zones

Camera Ready Map of New Jersey Management Zones

1999-2000 New Jersey Deer Season Summary by Management Zone

Deer Mgt. Zone	Fall Bow 1999 Bow License Required	Permit Bow 1999 Bow License and Zone Permit required	Six-day Firearm "Buck" 1999 Firearm License required	Permit Muzzleloader Current year's Firearm License, Zone Permit and Rifle Permit required	Permit Shotgun Current year's Firearm License and Zone Permit required	Winter Bow 2000 Bow License required
	Hunting Hours: 1/2 hour before sunrise to 1/2 hour after sunset Bonus Tags in some Zones Deer decoys allowed statewide	Hunting Hours: 1/2 hour before sunrise to 1/2 hour after sunset Bonus Tags in some Zones Deer decoys allowed statewide	Hunting Hours: 1/2 hour before sunrise to 1/2 hour after sunset Bonus tags DO NOT apply	Hunting Hours: 1/2 hour before sunrise to 1/2 hour after sunset Bonus Tags in some Zones Closed Christmas Day except as noted below	Hunting Hours: 1/2 hour before sunrise to 1/2 hour after sunset Bonus Tags in some Zones	Hunting Hours: 1/2 hour before sunrise to 1/2 hour after sunset Bonus Tags in some Zones Deer decoys allowed statewide
A maximum of one (1) antlered deer may be taken per license or permit per season. Supplemental and Bonus tags are valid on day of issuance statewide.						
30	Oct. 2 - Oct. 29, 1999 Season bag limit: 2 deer - only 1 may be antlered	Oct. 30 - Nov. 27, 1999 Season bag limit: 2 deer per permit - only one may be antlered	Dec. 6 - Dec. 11, 1999 Season bag limit: 2 antlered deer	Nov. 29, 30; Dec. 13, 14, 18, 20-31, 1999 and Jan. 1, 2000 Season bag limit: 2 deer (only 1 may be antlered) per permit	Dec. 15-17, 1999; and Jan. 14, 15, 21, 22, 2000 Season bag limit: 3 deer (only 1 may be antlered) per permit	Jan. 1-29, 2000 Season bag limit: 2 deer - only one may be antlered
31	Oct. 2 - Oct. 29, 1999 Season bag limit: 2 deer - only 1 may be antlered	Oct. 30 - Nov. 27, 1999 Season bag limit: 2 deer per permit - only one may be antlered	Dec. 6 - Dec. 11, 1999 Season bag limit: 2 antlered deer	Nov. 29, 30; Dec. 13, 14, 18, 20-31, 1999 and Jan. 1, 2000 Season bag limit: 2 deer (only 1 may be antlered) per permit	Dec. 15-17, 1999; and Jan. 14, 15, 21, 22, 2000 Season bag limit: 3 deer (only 1 may be antlered) per permit	Jan. 1-29, 2000 Season bag limit: 2 deer - only one may be antlered
33 Bonus tag	Oct. 2 - Oct. 29, 1999 Season bag limit: 1 antlered deer and unlimited antlerless deer	Oct. 30 - Nov. 27, 1999 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Dec. 6 - Dec. 11, 1999 Season bag limit: 2 antlered deer Bonus tags DO NOT apply	Nov. 29, 30; Dec. 13, 14, 18, 20-31, 1999 and Jan. 1, 2000 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Dec. 15-17, 1999; and Jan. 8-29, 2000 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Jan. 1-29, 2000 Season bag limit: 1 antlered deer and unlimited antlerless deer
34	Oct. 2 - Oct. 29, 1999 Season bag limit: 2 deer - only 1 may be antlered	Oct. 30 - Nov. 27, 1999 Season bag limit: 2 deer per permit - only one may be antlered	Dec. 6 - Dec. 11, 1999 Season bag limit: 2 antlered deer	Nov. 29, 30; Dec. 13, 14, 18, 20-31, 1999 and Jan. 1, 2000 Season bag limit: 2 deer (only 1 may be antlered) per permit	Dec. 15-17, 1999 Season bag limit: 2 deer (only 1 may be antlered) per permit	Jan. 1-29, 2000 Season bag limit: 2 deer - only one may be antlered
35 Bonus tag	Oct. 2 - Oct. 29, 1999 Season bag limit: 1 antlered deer and unlimited antlerless deer	Oct. 30 - Nov. 27, 1999 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Dec. 6 - Dec. 11, 1999 Season bag limit: 2 antlered deer Bonus tags DO NOT apply	Nov. 29, 30; Dec. 13, 14, 18, 20-31, 1999 and Jan. 1, 2000 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Nov. 22-24; Dec. 6-11, 1999 - unlimited antlerless deer only Dec. 15-17, 1999; Jan. 8-29, 2000 - Season bag limit; only one antlered deer and unlimited antlerless deer per permit 2 deer may be taken at one time during both parts of season	Jan. 1-29, 2000 Season bag limit: 1 antlered deer and unlimited antlerless deer
36 Bonus tag	Sept. 11 - Oct. 29, 1999 First deer MUST be ANTLERLESS Season bag limit: 1 antlered deer and unlimited antlerless deer	Oct. 30 - Dec. 31, 1999 Closed Christmas Day First deer MUST be ANTLERLESS Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Dec. 6 - Dec. 11, 1999 Season bag limit: 2 antlered deer Bonus tags DO NOT apply	Nov. 29, 30; Dec. 13, 14, 18, 20-31, 1999 and Jan. 1, 2000 First deer MUST be ANTLERLESS Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Nov. 22-24; Dec. 6-11, 1999- unlimited antlerless deer only Dec. 15-17, 1999; Jan. 8-29, 2000- First deer MUST be ANTLERLESS; Season bag limit: only 1 antlered deer and unlimited antlerless deer per permit 2 deer may be taken at one time for both parts of season	Jan. 1-29, 2000 First deer MUST be ANTLERLESS Season bag limit: 1 antlered deer and unlimited antlerless deer
37*	Oct. 2 - Oct. 29, 1999 Season bag limit: 2 deer - only 1 may be antlered Antlered buck must have at least 6 points	Oct. 30 - Nov. 27, 1999 Season bag limit: 2 deer per permit - only one may be antlered Antlered buck must have at least 6 points	Dec. 6 - Dec. 11, 1999 Season bag limit: 2 antlered deer Antlered buck must have at least 6 points	Nov. 8-12, Dec. 13-18, 20-24, 27-31, 1999 Season bag limit: 2 deer (only 1 may be antlered) per permit Antlered buck must have at least 6 points	December 18, 1999 Season bag limit: 1 deer (either antlered or antlerless) per permit Antlered buck must have at least 6 points	Jan. 1-29, 2000 Antlered buck must have at least 6 points Season bag limit: 2 deer - only one may be antlered
38* Bonus tag	No season	No season	No season	Nov. 30 & Dec. 1-3, 1999 Must take adult doe before taking an antlered deer 2 deer may be taken at 1 time Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Nov. 30 & Dec. 1-3, 1999 2 deer may be taken at 1 time Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	No season
39* Bonus tag	Oct. 2 - Oct. 29, 1999 closed to general public Season bag limit: 1 antlered deer and unlimited antlerless deer	Oct. 30 - Dec. 31, 1999 closed to general public Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Dec. 6 - Dec. 11, 1999 closed to general public Season bag limit: 2 antlered deer Bonus tags DO NOT apply	Nov. 29, 30; Dec. 13-18, 20-25, 27-31, 1999 and Jan. 1, 2000 closed to general public Season bag limit: 1 antlered deer and unlimited antlerless deer per permit opened Christmas Day	Dec. 18, 25, 1999 and Jan. 1, 8, 15, 22, 2000 closed to general public Season bag limit: 1 antlered deer and unlimited antlerless deer per permit 2 deer may be taken at 1 time	Jan. 1-29, 2000 closed to general public Season bag limit: 1 antlered deer and unlimited antlerless deer
40* Bonus tag	Oct. 2 - Oct. 29, 1999 closed to general public Season bag limit: 1 antlered deer and unlimited antlerless deer	Oct. 30 - Dec. 31, 1999 closed to general public Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	No season	No season	No season	Jan. 1-29, 2000 closed to general public Season bag limit: 1 antlered deer and unlimited antlerless deer
41 Bonus tag	Oct. 2 - Oct. 29, 1999 First deer MUST be ANTLERLESS Season bag limit: 1 antlered deer and unlimited antlerless deer	Oct. 30 - Nov. 27, 1999 First deer MUST be ANTLERLESS Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Dec. 6 - Dec. 11, 1999 Season bag limit: 2 antlered deer Bonus tags DO NOT apply	Nov. 29, 30; Dec. 13, 14, 18, 20-31, 1999 and Jan. 1, 2000 First deer MUST be ANTLERLESS Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Nov. 22-24; Dec. 6-11, 1999- unlimited antlerless deer only Dec. 15-17, 1999; Jan. 8-29, 2000- First deer MUST be ANTLERLESS; Season bag limit: only 1 antlered deer and unlimited antlerless deer per permit 2 deer may be taken at one time for both parts of season	Jan. 1-29, 2000 First deer MUST be ANTLERLESS Season bag limit: 1 antlered deer and unlimited antlerless deer
42 Bonus tag	Sept. 11 - Oct. 1, 1999 (First deer MUST be ANTLERLESS) Oct. 2 - Oct. 29, 1999 (First deer may be EITHER SEX) Season bag limit: 1 antlered deer and unlimited antlerless deer	Oct. 30 - Dec. 31, 1999 Closed Christmas Day Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Dec. 6 - Dec. 11, 1999 Season bag limit: 2 antlered deer Bonus tags DO NOT apply	Nov. 29, 30; Dec. 13, 14, 18, 20-31, 1999 and Jan. 1, 2000 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Nov. 22-24; Dec. 6-11, 1999 - unlimited antlerless deer only Dec. 15-17, 1999; Jan. 8-29, 2000 - Season bag limit; only one antlered deer and unlimited antlerless deer per permit 2 deer may be taken at one time during both parts of season	Jan. 1-29, 2000 Season bag limit: 1 antlered deer and unlimited antlerless deer

1999-2000 New Jersey Deer Season Summary by Management Zone

Deer Mgt. Zone	Fall Bow	Permit Bow	Six-day Firearm "Buck"	Permit Muzzleloader	Permit Shotgun	Winter Bow
	1999 Bow License Required Hunting Hours: 1/2 hour before sunrise to 1/2 hour after sunset Bonus Tags in some Zones Deer decoys allowed statewide	1999 Bow License and Zone Permit required Hunting Hours: 1/2 hour before sunrise to 1/2 hour after sunset Bonus Tags in some Zones Deer decoys allowed statewide	1999 Firearm License required Hunting Hours: 1/2 hour before sunrise to 1/2 hour after sunset Bonus tags DO NOT apply	Current year's Firearm License, Zone Permit and Rifle Permit required Hunting Hours: 1/2 hour before sunrise to 1/2 hour after sunset Bonus Tags in some Zones Closed Christmas Day except as noted below	Current year's Firearm License and Zone Permit required Hunting Hours: 1/2 hour before sunrise to 1/2 hour after sunset Bonus Tags in some Zones	2000 Bow License required Hunting Hours: 1/2 hour before sunrise to 1/2 hour after sunset Bonus Tags in some Zones Deer decoys allowed statewide
A maximum of one (1) antlered deer may be taken per license or permit per season. Supplemental and Bonus tags are valid on day of issuance statewide.						
43	Oct. 2 - Oct. 29, 1999 Season bag limit: 2 deer - only 1 may be antlered	Oct. 30 - Nov. 27, 1999 Season bag limit: 2 deer per permit - only one may be antlered	Dec. 6 - Dec. 11, 1999 Season bag limit: 2 antlered deer	Nov. 29, 30; Dec. 13, 14, 18, 20-31, 1999 and Jan. 1, 2000 Season bag limit: 2 deer (only 1 may be antlered) per permit	Dec. 15, 1999 Season bag limit: 1 deer (either antlered or antlerless) per permit	Jan. 1-29, 2000 Season bag limit: 2 deer - only one may be antlered
45	Oct. 2 - Oct. 29, 1999 Season bag limit: 2 deer - only 1 may be antlered	Oct. 30 - Nov. 27, 1999 Season bag limit: 2 deer per permit - only one may be antlered	Dec. 6 - Dec. 11, 1999 Season bag limit: 2 antlered deer	Nov. 29, 30; Dec. 13, 14, 18, 20-31, 1999 and Jan. 1, 2000 Season bag limit: 2 deer (only 1 may be antlered) per permit	Dec. 15, 1999 Season bag limit: 1 deer (either antlered or antlerless) per permit	Jan. 1-29, 2000 Season bag limit: 2 deer - only one may be antlered
46	Oct. 2 - Oct. 29, 1999 Season bag limit: 2 deer - only 1 may be antlered	Oct. 30 - Nov. 27, 1999 Season bag limit: 2 deer per permit - only one may be antlered	Dec. 6 - Dec. 11, 1999 Season bag limit: 2 antlered deer	Nov. 29, 30; Dec. 13, 14, 18, 20-31, 1999 and Jan. 1, 2000 Season bag limit: 2 deer (only 1 may be antlered) per permit	Dec. 15, 1999 Season bag limit: 1 deer (either antlered or antlerless) per permit	Jan. 1-29, 2000 Season bag limit: 2 deer - only one may be antlered
47 Bonus tag	Oct. 2 - Oct. 29, 1999 Season bag limit: 1 antlered deer and unlimited antlerless deer	Oct. 30 - Nov. 27, 1999 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Dec. 6 - Dec. 11, 1999 Season bag limit: 2 antlered deer Bonus tags DO NOT apply	Nov. 29, 30; Dec. 13, 14, 18, 20-31, 1999 and Jan. 1, 2000 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Dec. 15-17, 1999; and Jan. 8-29, 2000 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Jan. 1-29, 2000 Season bag limit: 1 antlered deer and unlimited antlerless deer
48 Bonus tag	Oct. 2 - Oct. 29, 1999 Season bag limit: 1 antlered deer and unlimited antlerless deer	Oct. 30 - Nov. 27, 1999 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Dec. 6 - Dec. 11, 1999 Season bag limit: 2 antlered deer Bonus tags DO NOT apply	Nov. 29, 30; Dec. 13, 14, 18, 20-31, 1999 and Jan. 1, 2000 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Nov. 22-24; Dec. 6-11, 1999 - unlimited antlerless deer only Dec. 15-17, 1999; Jan. 8-29, 2000 - Season bag limit; only one antlered deer and unlimited antlerless deer per permit 2 deer may be taken at one time during both parts of season	Jan. 1-29, 2000 Season bag limit: 1 antlered deer and unlimited antlerless deer
49 Bonus tag	Sept. 11 - Oct. 1, 1999 (First deer MUST be ANTLERLESS) Oct. 2 - Oct. 29, 1999 (First deer may be EITHER SEX) Season bag limit: 1 antlered deer and unlimited antlerless deer	Oct. 30 - Dec. 31, 1999 Closed Christmas Day Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Dec. 6 - Dec. 11, 1999 Season bag limit: 2 antlered deer Bonus tags DO NOT apply	Nov. 29, 30; Dec. 13, 14, 18, 20-31, 1999 and Jan. 1, 2000 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Nov. 22-24; Dec. 6-11, 1999 - unlimited antlerless deer only Dec. 15-17, 1999; Jan. 8-29, 2000 - Season bag limit; only one antlered deer and unlimited antlerless deer per permit 2 deer may be taken at one time during both parts of season	Jan. 1-29, 2000 Season bag limit: 1 antlered deer and unlimited antlerless deer
50 Bonus tag	Oct. 2 - Oct. 29, 1999 First deer MUST be ANTLERLESS Season bag limit: 1 antlered deer and unlimited antlerless deer	Oct. 30 - Nov. 27, 1999 First deer MUST be ANTLERLESS Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Dec. 6 - Dec. 11, 1999 Season bag limit: 2 antlered deer Bonus tags DO NOT apply	Nov. 29, 30; Dec. 13, 14, 18, 20-31, 1999 and Jan. 1, 2000 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Nov. 22-24; Dec. 6-11, 1999 - unlimited antlerless deer only Dec. 15-17, 1999; Jan. 8-29, 2000 - First deer MUST be ANTLERLESS; Season bag limit: only 1 antlered deer and unlimited antlerless deer per permit 2 deer may be taken at one time for both parts of season	Jan. 1-29, 2000 First deer MUST be ANTLERLESS Season bag limit: 1 antlered deer and unlimited antlerless deer
51 Bonus tag	Oct. 2 - Oct. 29, 1999 First deer MUST be ANTLERLESS Season bag limit: 1 antlered deer and unlimited antlerless deer	Oct. 30 - Nov. 27, 1999 First deer MUST be ANTLERLESS Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Dec. 6 - Dec. 11, 1999 Season bag limit: 2 antlered deer Bonus tags DO NOT apply	Nov. 29, 30; Dec. 13, 14, 18, 20-31, 1999 and Jan. 1, 2000 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Nov. 22-24; Dec. 6-11, 1999 - unlimited antlerless deer only Dec. 15-17, 1999; Jan. 8-29, 2000 - First deer MUST be ANTLERLESS; Season bag limit: only 1 antlered deer and unlimited antlerless deer per permit 2 deer may be taken at one time for both parts of season	Jan. 1-29, 2000 First deer MUST be ANTLERLESS Season bag limit: 1 antlered deer and unlimited antlerless deer
52*	Oct. 2 - Oct. 29, 1999 Season bag limit: 2 deer - only 1 may be antlered	Oct. 30 - Nov. 27, 1999 Season bag limit: 2 deer per permit - only one may be antlered	Dec. 6 - Dec. 11, 1999 Season bag limit: 2 antlered deer	Nov. 8-12, Dec. 13-18, 20-24, 27-31, 1999 Season bag limit: 2 deer (only 1 may be antlered) per permit	December 18, 1999 Season bag limit: 1 deer (either antlered or antlerless) per permit	Jan. 1-29, 2000 Season bag limit: 2 deer - only one may be antlered
53*	Oct. 2 - Oct. 29, 1999 Season bag limit: 2 deer - only 1 may be antlered	Oct. 30 - Nov. 27, 1999 Season bag limit: 2 deer per permit - only one may be antlered	Dec. 6 - Dec. 11, 1999 Season bag limit: 2 antlered deer	Nov. 27, 29, 30, Dec. 1-4, 13-18, 20-24, 27-31, 1999 and Jan. 1, 2000 Season bag limit: 2 deer (only 1 may be antlered) per permit	January 8, 2000 Season bag limit: 1 deer (either antlered or antlerless) per permit	Jan. 1-29, 2000 Season bag limit: 2 deer - only one may be antlered
54*	Oct. 2 - Oct. 29, 1999 closed to general public Season bag limit: 2 deer - only 1 may be antlered	Oct. 30 - Dec. 31, 1999 closed to general public Season bag limit: 2 deer per permit - only one may be antlered	Dec. 6 - Dec. 11, 1999 closed to general public Season bag limit: 2 antlered deer	Nov. 29, 30, Dec. 13-17, 20-24, 27-30, 1999 closed to general public Season bag limit: 2 deer (only 1 may be antlered) per permit	Dec. 18, 1999 and Jan. 15, 2000 closed to general public Season bag limit: 2 deer (only 1 may be antlered) per permit	Jan. 1-29, 2000 closed to general public Season bag limit: 2 deer - only one may be antlered
55	Oct. 2 - Oct. 29, 1999 Season bag limit: 2 deer - only 1 may be antlered	Oct. 30 - Nov. 27, 1999 Season bag limit: 2 deer (only 1 may be antlered) per permit	Dec. 6 - Dec. 11, 1999 Season bag limit: 2 antlered deer	Nov. 29, 30; Dec. 13, 14, 18, 20-31, 1999 and Jan. 1, 2000 Season bag limit: 2 deer (only 1 may be antlered) per permit	Dec. 15, 1999 Season bag limit: 1 deer (either antlered or antlerless) per permit	Jan. 1-29, 2000 Season bag limit: 2 deer - only one may be antlered
56* Bonus tag	No season	No season	No season	No season	Dec. 13-17, 1999 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit 2 deer may be taken at 1 time	No season

1999-2000 New Jersey Deer Season Summary by Management Zone

Deer Mgt. Zone	Fall Bow 1999 Bow License Required Hunting Hours: 1/2 hour before sunrise to 1/2 hour after sunset Bonus Tags in some Zones Deer decoys allowed statewide	Permit Bow 1999 Bow License and Zone Permit required Hunting Hours: 1/2 hour before sunrise to 1/2 hour after sunset Bonus Tags in some Zones Deer decoys allowed statewide	Six-day Firearm "Buck" 1999 Firearm License required Hunting Hours: 1/2 hour before sunrise to 1/2 hour after sunset Bonus tags DO NOT apply	Permit Muzzleloader Current year's Firearm License, Zone Permit and Rifle Permit required Hunting Hours: 1/2 hour before sunrise to 1/2 hour after sunset Bonus Tags in some Zones Closed Christmas Day except as noted below	Permit Shotgun Current year's Firearm License and Zone Permit required Hunting Hours: 1/2 hour before sunrise to 1/2 hour after sunset Bonus Tags in some Zones	Winter Bow 2000 Bow License required Hunting Hours: 1/2 hour before sunrise to 1/2 hour after sunset Bonus Tags in some Zones Deer decoys allowed statewide
A maximum of one (1) antlered deer may be taken per license or permit per season. Supplemental and Bonus tags are valid on day of issuance statewide.						
57* Bonus tag	No season	Oct. 30 - Nov. 27, 1999 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	No season	Nov. 29, 30; Dec. 13, 14, 18, 20-31, 1999 and Jan. 1, 2000 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Dec. 6-8 and 15-17, 1999 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	No season
58* Bonus tag	No season	Oct. 30 - Nov. 27, 1999 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	No season	Nov. 29, 30; Dec. 13, 14, 18, 20-31, 1999 and Jan. 1, 2000 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Dec. 6-8 and 15-17, 1999 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	No season
59* Bonus tag	No season	Oct. 30 - Nov. 27, 1999 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	No season	No season	Dec. 2-4, 1999 - First segment Dec. 9-11, 1999 - Second segment Dec. 30, 1999 - Jan. 1, 2000 - Third segment Jan. 13-15, 2000 - Fourth segment Season bag limit: 1 antlered deer and unlimited antlerless deer per permit 2 deer may be taken at 1 time	No season
60* Bonus tag	No season	No season	No season	No season	Dec. 15-17, 1999 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	No season
61* Bonus tag	No season	Oct. 30 - Nov. 27, 1999 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Dec. 6 - Dec. 11, 1999 Season bag limit: 2 antlered deer Bonus tags DO NOT apply	Nov. 29, 30; Dec. 13, 14, 18, 20-31, 1999 and Jan. 1, 2000 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Dec. 15-17, 1999; and Jan. 14, 15, 21, 22, 2000 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Jan. 1-29, 2000 Season bag limit: 1 antlered deer and unlimited antlerless deer
63 Bonus tag	Oct. 2 - Oct. 29, 1999 Season bag limit: 1 antlered deer and unlimited antlerless deer	Oct. 30 - Nov. 27, 1999 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Dec. 6 - Dec. 11, 1999 Season bag limit: 2 antlered deer Bonus tags DO NOT apply	Nov. 29, 30; Dec. 13, 14, 18, 20-31, 1999 and Jan. 1, 2000 Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	Nov. 22-24; Dec. 6-11, 1999 - unlimited antlerless deer only Dec. 15-17, 1999; Jan. 8-29, 2000 - Season bag limit, only one antlered deer and unlimited antlerless deer per permit 2 deer may be taken at one time during both parts of season	Jan. 1-29, 2000 Season bag limit: 1 antlered deer and unlimited antlerless deer
64* Bonus tag	No season	No season	No season	No season	Jan. 12, 14, 19, 21, 2000 2 deer may be taken at 1 time Season bag limit: 1 antlered deer and unlimited antlerless deer per permit	No season
65 Bonus tag	Oct. 2 - Oct. 29, 1999 Season bag limit: 2 deer - only 1 may be antlered	Oct. 30 - Nov. 27, 1999 Season bag limit: 2 deer per permit - only one may be antlered	Dec. 6 - Dec. 11, 1999 Season bag limit: 2 antlered deer Bonus tags DO NOT apply	Nov. 29, 30; Dec. 13, 14, 18, 20-31, 1999 and Jan. 1, 2000 Season bag limit: 2 deer (only 1 may be antlered) per permit	Dec. 15, 1999 Season bag limit: 1 deer (either antlered or antlerless) per permit	Jan. 1-29, 2000 Season bag limit: 2 deer - only one may be antlered
66* Bonus tag	Oct. 2 - Oct. 29, 1999 closed to general public Season bag limit: 1 antlered deer and unlimited antlerless deer Antlered buck must have at least 6 points	Oct. 30 - Dec. 31, 1999 except where closed during permit shotgun season closed to general public Season bag limit: 1 antlered deer and unlimited antlerless deer per permit Antlered buck must have at least 6 points	No season	Nov. 27 - Dec. 4, Dec. 11, 18, 1999 and Jan. 8, 2000 closed to general public Season bag limit: 1 antlered deer and unlimited antlerless deer per permit Antlered buck must have at least 6 points	Nov. 27 - Dec. 4, Dec. 11, 18, 1999 and Jan. 8, 2000 closed to general public Antlered buck must have at least 6 points Season bag limit: 1 antlered deer and unlimited antlerless deer per permit 2 deer may be taken at 1 time	Jan. 1-29, 2000 closed to general public Antlered buck must have at least 6 points Season bag limit: 1 antlered deer and unlimited antlerless deer
67* Bonus tag	No season	No season	No season	Nov. 15 - 18, 1999 only the section North of Rt. 23 is open Nov. 19 and 22 - 24, 1999 the entire Zone is open First deer MUST be ANTLERLESS Season bag limit: 1 antlered deer & unlimited antlerless deer per permit Antlered buck must have at least 6 points	No season	No season

* Consult the Special Area Hunting Season Information section of the Digest for further information.

ANTLERED deer are defined as deer that possess at least 1 antler that is at least three inches long.

All other deer are considered ANTLERLESS.

BONUS TAGS:

Bonus Tags may be used to take a deer of either sex.

Bonus Tags are valid on the day of issuance statewide.

During all PERMIT SEASONS both the Supplemental Tag and the Bonus Tag are ONLY valid in the zone for which the special permit was originally issued.

During all NON PERMIT SEASONS (Fall Bow, Six-Day Firearm, and Winter Bow) SUPPLEMENTAL TAGS are valid in any deer management Zone.

BONUS TAGS will only be valid in other Zones designated as having Bonus Tags available in them during the Fall Bow and Winter Bow Seasons.

Deer Management Zone Descriptions

Note: Shaded Zones Represent Boundary Changes for the 1999 - 2000 Season

Zone No. 1: That portion of Sussex County lying within a continuous line beginning at the intersection of Rt. 521 (River Rd.) and Mashipacong Rd.; then west along the northern boundary of the Delaware Water Gap National Recreation Area to the east bank of the Delaware River; then north along the east bank of the Delaware River to the New York State line; then east along the New York State line to Rt. 519; then south along Rt. 519 to its intersection with Rt. 206 at Branchville; then northwest along Rt. 206 to the intersection with Rt. 560; then west along Rt. 560 to the intersection with Ridge Rd.; then north on Ridge Rd. to the intersection with Rt. 646; then east on Rt. 646 to the intersection with Rt. 645 in Hainesville; then north on Rt. 645 to the intersection with Rts. 206 and 521; then north on Rts. 206 and 521 to Montague; then north on Rt. 521 (River Rd.) to the intersection with Mashipacong Rd., the point of beginning. The island of Mashipacong lying in the Delaware River is included in this zone. High Point State Park (Zone 67) is excluded from Zone 1.

Zone No. 2: That portion of Sussex County lying within a continuous line beginning at the intersection of Rt. 94 and the New York State line; then south along Rt. 94 to its intersection with Rt. 23 at Hamburg; then southeast along Rt. 23 to its intersection with Rt. 517 at Franklin; then south along Rt. 517 to its intersection with Rt. 206 at Andover; then north along Rt. 206 to its intersection with Rt. 519 at Newton; then north along Rt. 519 to the New York State line; then east along the New York State line to Rt. 94 to the point of beginning.

Zone No. 3: That portion of Sussex, Morris, Passaic, and Bergen Counties lying within a continuous line beginning at the intersection of Rt. 94 and the New York State line; then east along the New York State line to its intersection with Rt. 202 near Suffern; then south along Rt. 202 to its intersection with Rt. 23; then west along Rt. 23 to its intersection with Rt. 94 at Hamburg; then north along Rt. 94 to the point of beginning on the New York State line.

Zone No. 4: That portion of Sussex and Warren Counties lying within a continuous line beginning at the intersection of Rt. 521 (River Rd.) and New Mashipacong Rd.; then running along Rt. 521 to the intersection with Rt. 206 in Montague; then south on Rt. 206 to the intersection with Rt. 645 (Layton-Hainesville Road); then south on Rt. 645 to the intersection with Rt. 646 in Hainesville (Jagger Road); then west on Rt. 646 to the intersection with Ridge Rd.; then south on Ridge Rd. to the intersection with Rt. 560 (Dingman's Bridge Road); then southeast along Rt. 560 to its intersection with Rt. 206; then south on Rt. 206 to the intersection with the base of the Kittatinny Ridge at Culvers Inlet; then southwest along the east base of the Kittatinny Ridge to the Delaware River at the Delaware Water Gap north and west of Quarry Road; then north along the east bank of the Delaware River to the northern park boundary of the Delaware Water Gap National Recreation Area; then east along the northern park boundary of the Delaware Water Gap National Recreation Area to Rt. 521 (River Rd.), the point of beginning. Namanock, Minisink, Depew, Tocks, Poxono and Labar Islands in the Delaware River are included in this zone.

Zone No. 5: That portion of Warren and Sussex Counties lying within a continuous line beginning at the intersection of the base of the Kittatinny Ridge and Rt. 206 at Culvers Inlet; then southeast along Rt. 206 to its intersection with Rt. 519 at Branchville; then south along Rt. 519 to its intersection with Rt. 206 at Newton; then south along Rt. 206 to its intersection with Rt. 517 at Andover; then south along Rt. 517 to its intersection with Rt. 46 at Hackettstown; then west along Rt. 46 to its intersection with the Delaware River at Manunkachunk; then north along the east bank of the Delaware River to its intersection with the Zone 4 boundary at the Delaware Water Gap

north and west of Quarry Road then northeast along the base of the Kittatinny Ridge to its intersection with Rt. 206, the point of beginning.

Zone No. 6: That portion of Morris, Sussex, Passaic, Warren and Essex Counties lying within a continuous line beginning at the intersection of Rt. 80 and Rt. 517 at Allamuchy; then northeast along Rt. 517 to its intersection with Rt. 23 at Franklin; then southeast along Rt. 23 to its intersection with Rt. 80; then west along Rt. 80 to the point of beginning at Allamuchy. Picatinny Arsenal (Zone 54) is excluded from Zone 6.

Zone No. 7: That portion of Hunterdon and Warren Counties lying within a continuous line beginning at the intersection of Rts. 31 and 78 at Clinton; then north along Rt. 31 to its intersection with Rt. 46 at Buttzville; then west on Rt. 46 to the Delaware River at Manunkachunk; then south along the east bank of the Delaware to its intersection with Rt. 78 at Phillipsburg; then east along Rt. 78 to the point of beginning at Clinton.

Zone No. 8: That portion of Hunterdon, Morris, Somerset and Warren Counties lying within a continuous line beginning at the intersection of Rts. 22 and 206 near Somerville; then north along Rt. 206 to its intersection with Rt. 80 near Netcong; then west along Rt. 80 to its intersection with Rt. 517 at Allamuchy; then south along Rt. 517 to its intersection with Rt. 46 at Hackettstown; then west along Rt. 46 to its intersection with Rt. 31 at Buttzville; then southeast along Rt. 31 to its intersection with Rt. 22 at Clinton; then east along Rt. 22 to the point of beginning at Somerville.

Zone No. 9: That portion of Morris and Somerset Counties lying within a continuous line beginning at the intersection of Rt. 206 and Rt. 80 near Netcong; then east along Rt. 80 to its intersection with Rt. 46; then east on Rt. 46 to the intersection with Rt. 10 in Ledgewood; then east on Rt. 10 to the intersection with Morris Tpk.; then east and south on Morris Tpk. to Calais Rd.; then west on Calais Rd. to Combs Hollow Rd.; then south on Combs Hollow Rd. to Calais Rd.; then south on Calais Rd. to Mountain Ave. in Mendham; then south and east on Mountain Ave. to Hilltop Rd. (Rt. 525); then south on Rt. 525 to the intersection with Rt. 78; then west on Rt. 78 to the intersection with Rt. 206 near Pluckemin; then north on Rt. 206 to the intersection with Rt. 80 in Netcong, the point of beginning.

Zone No. 10: That portion of Hunterdon and Warren Counties lying within a continuous line beginning at the intersection of Rts. 31 and 12 in Flemington; then north along Rt. 31 to its intersection with Rt. 78 at Clinton; then west along Rt. 78 to the Delaware River at Phillipsburg; then south along the east bank of the Delaware River to Rt. 12 at Frenchtown; then east along Rt. 12 to the point of beginning at Flemington.

Zone No. 11: That portion of Hunterdon County lying within a continuous line beginning at the intersection of Routes 12 and 31 and 202 at Flemington; then southwest along Route 202 to the Delaware River; then northwest along the east bank of the Delaware River to its intersection with Route 12 at Frenchtown; then east along Route 12 to the point of beginning at Flemington. Shyhawks, Treasure, Rush, Bull and Eagle Islands lying in the Delaware River are in this zone.

Zone No. 12: That portion of Somerset, Hunterdon and Mercer Counties lying within a continuous line beginning at the intersection of Rts. 31 and 22 at Clinton; then east on Rt. 22 to its intersection with Rt. 206 at Somerville; then south along Rt. 206 to its intersection with Rt. 546 at Lawrenceville; then west on Rt. 546 to its intersection with Rt. 31 at the Pennington traffic circle; then north along Rt. 31 to the point of beginning at Clinton. That portion of

Round Valley Recreation Area designated as open to deer hunting (Zone 60) is excluded from Zone 12.

Zone No. 13: That portion of Morris, Somerset and Union Counties lying within a continuous line beginning at the intersection of Rts. 22 and 206 at Somerville; then north on Rt. 206 to the intersection with Rt. 78 near Pluckemin; then east on Rt. 78 to the intersection with Rt. 525; then north on Rt. 525 to Mountain Ave. in Mendham; then north and west on Mountain Ave. to Calais Rd.; then north on Calais Rd. to Combs Hollow Rd., then north on Combs Hollow Rd. to Calais Rd.; then east on Calais Rd. to Morris Tpk.; then north and west on Morris Tpk. to Rt. 10; then west on Rt. 10 to Rt. 46 in Ledgewood; then west on Rt. 46 to the intersection with Rt. 80 near Netcong; then east on Rt. 80 to the intersection with Rt. 511; then south on Rt. 511 to the intersection with Rt. 124 in Morristown; then southeast along Rt. 124 to the intersection with Rt. 82; then southwest along Rt. 82 to the intersection with Rt. 22; then southwest along Rt. 22 to the point of beginning at Somerville. The Great Swamp National Wildlife Refuge (Zone 38) is excluded from Zone 13.

Zone No. 14: That portion of Mercer, Middlesex, Somerset and Burlington Counties lying within a continuous line beginning at the intersection of Routes 22 and 206 at Somerville, then east along Route 22 to its intersection with Interstate 287; then south on Interstate 287 to its intersection with Route 18; then south on Route 18 to its intersection with the New Jersey Turnpike; then southwest along the New Jersey Turnpike to its intersection with Rt. 545; then northwest on Route 545 to its intersection with the Delaware River at Bordentown; then northwest along the east bank of the Delaware River to Route 546 at Washington's Crossing; then east on Route 546 to its intersection with Route 206 at Lawrenceville; then north along Route 206 to the point beginning at Somerville. Rotary and Blauguard Islands lying in the Delaware River are in this zone.

Zone No. 15: That portion of Monmouth, Mercer and Middlesex Counties lying within a continuous line beginning at the intersection of the New Jersey Turnpike and Rt. 522 near Jamesburg; then south on the Turnpike to its intersection with Interstate 195, then east on I-195 to its intersection with Rt. 537 near Holmeson; then northeast on Rt. 537 to its intersection with Rt. 522 in Freehold; then northwest on Rt. 522 to its intersection with the NJ Turnpike, the point of beginning. Monmouth Battlefield State Park is excluded from this zone.

Zone No. 16: That portion of Monmouth and Ocean Counties lying within a continuous line beginning at the intersection of Rt. 537 and Rt. 571 near Holmeson; then southeast on Rt. 571 to the intersection with Rt. 547; then northeast on Rt. 547 through Farmingdale to the intersection with Tinton Falls Rd.; then north on Tinton Falls Rd. to the intersection with Rt. 33 and Rt. 34; then north on Rt. 34 to the intersection with the fenced boundary of the Earle Naval Weapons Depot property; then westward along the fenced border of the Earle Depot to the intersection with Rt. 33; then west along Rt. 33 to the intersection with Rt. 537 in Freehold; then southwest on Rt. 537 to the intersection with Rt. 571 near Holmeson, the point of beginning.

Zone No. 17: That portion of Mercer, Monmouth, Burlington and Ocean Counties lying within a continuous line beginning at the intersection of the New Jersey Turnpike and Interstate 195; then east along Interstate 195 to the intersection with Rt. 537 near Holmeson; then southwest along Interstate 537 to the intersection with Hawkin Road (Prosperstown - Colliers Mills Road: Rt. 640) then southeast along Hawkin Road (Prosperstown - Colliers

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Deer Management Zone Descriptions continued from page 39

Mills Road; Rt. 640 to the intersection with Colliers Mills Road; then west along Colliers Mills Road to its intersection with Woodruff Rd.; then southwest along Woodruff Rd. to the intersection with Rt. 539; then southeast along Rt. 539 to the border of Fort Dix Military Reservation; then westward along the Fort Dix Military Reservation boundary to Rt. 545 near Wrightstown; then northwest along Rt. 545 to the intersection with the New Jersey Turnpike; then northeast along the New Jersey Turnpike to its intersection Interstate 195 the point of beginning.

Zone No. 18: That portion of Ocean County lying within a continuous line beginning at the intersection of Rt. 530 and the Garden State Parkway at South Toms River; then west along Rt. 530 to the intersection with Rt. 70; then west along Rt. 70 to the border of Fort Dix Military Reservation; then northward along the Fort Dix Military Reservation boundary to the northernmost intersection of the Fort Dix Military Reservation border and Rt. 539; then northwest along Rt. 539 to the intersection with Woodruff Rd.; then northeast along Woodruff Rd. to the intersection with Colliers Mills Road; then east along Colliers Mills Road to the intersection with Hawkin Road (Prosperstown - Colliers Mills Road: Rt. 640); then northwest along Hawkin Road (Prosperstown - Colliers Mills Road: Rt. 640) to the intersection with Rt. 537 near Prosperstown; then northeast along Rt. 537 to the intersection with Rt. 571 near Holmeson; then southeast along Rt. 571 to the Garden State Parkway; then south along the Garden State Parkway to the point of beginning near South Toms River.

Zone No. 19: That portion of Burlington and Camden Counties lying within a continuous line beginning at the intersection of Rt. 530 and Rt. 646 (New Lisbon-Four Mile Rd); then southeast on Rt. 646 to its intersection with Turkey Buzzard Bridge Road; then west on Turkey Buzzard Bridge Rd. to its intersection with Rt. 644 (Buddtown-Ong's Hat Road); then southeast on Rt. 644 to its intersection with Rt. 70 at Four Mile Circle; then west on Rt. 70 to its intersection with Burr's Mill Road; then southwest on Burr's Mill Rd. to its intersection with Avenue Road; then south on Avenue Rd. to its intersection with Sooy Place Road; then south on Sooy Place Rd. to its intersection with Irick's Causeway; then southwest on Irick's Causeway to its intersection with Rt. 532 (Chatsworth Road); then south and southeast on Rt. 532 to its intersection with South Park Rd.; then south on South Park Rd. to its intersection with White Horse - Speedwell Rd.; then south on White Horse - Speedwell Rd. to its intersection with Eagle Rd.; then southwest on Eagle Rd. to its intersection with the railroad tracks; then west following the railroad tracks to its intersection with Carranza Rd.; then northwest on Carranza Rd. to its intersection with Tuckerton Rd.; then north and northwest on Tuckerton Rd. to its intersection with Forked Neck Rd. (Dingletown Rd.); then west along Forked Neck Road to its intersection with Rt. 206; then south along Rt. 206 to its intersection with Rt. 541, Stokes Road; then northwest along Rt. 541 to its intersection with Willow Grove Road; then southwest on Willow Grove Road to its intersection with Atsion Road; then northwest on Atsion Road to its intersection with Rt. 534, Jackson Road; then west along Rt. 534 to its intersection with Rt. 73; then north along Rt. 73 to its intersection with the New Jersey Turnpike; then northeast along the New Jersey Turnpike to its intersection with Rt. 38; then east along Rt. 38 to its intersection with Rt. 530; then east along Rt. 530 to its intersection with Rt. 616 (Vincetown-Pemberton Road); then northeast on Rt. 616, Hanover Street, into the town of Pemberton to its intersection with Elizabeth Street; then east on Elizabeth Street, which becomes Pemberton-Brown's Mills Road (Rt. 687) to its intersection with Rt. 530 (Pemberton-By-Pass Road); then east on Rt. 530 to its intersection with Rt. 646 (New Lisbon-Four Mile Rd), the point of beginning. Fort Dix Military Reservation (Zone 37) is excluded from Zone 19.

Zone No. 20: Not designated.

Zone No. 21: That portion of Ocean and Burlington Counties lying within a continuous line beginning at the intersection of Rt. 530 and the Garden State Parkway near South Toms River; then south along the Parkway to its intersection with Rt. 72; then northwest along Rt. 72 to its intersection with Rt. 644 (Buddtown-Ong's Hat Road) at Four Mile Circle; then northwest on Rt. 644 to its intersection with Turkey Buzzard Bridge Road; then northeast on Turkey Buzzard Bridge Rd. to its intersection with Rt. 646 (New Lisbon-Four Mile Road); then northwest on Rt. 646 to its intersection with Rt. 530 (Pemberton-Brown's Mills Road); then east along the southern border of Fort Dix Military Reservation to its intersection with Rt. 70; then east on Rt. 70 to its intersection with Rt. 539 and Rt. 530 near Whiting; then east along Rt. 530 to its intersection with the Garden State Parkway near South Toms River, the point of beginning. Fort Dix Military Reservation (Zones 37 and 52) are excluded from Zone 21.

Zone No. 22: That portion of Ocean and Burlington Counties lying within a continuous line beginning at the intersection of the Garden State Parkway and Rt. 37 near Toms River; then south along the Garden State Parkway to its intersection with Stage Road; then west along stage Road to its intersection with Leektown Road; then west along Leektown Road (which turns into Rt., 653 to its intersection with the Wading River; then south along the east bank of the Wading River to its intersection with the Mullica River and the Atlantic-Burlington County line; then east along the Atlantic-Burlington County line to the Atlantic Ocean, then north along the Atlantic Ocean to Rt. 37 in Seaside Heights Boro; then west along Rt. 37 to its intersection with the Garden State Parkway near Toms River. Then east to the Atlantic Ocean; then north along the Atlantic Ocean to Rt. 37 in Seaside Heights Boro; then west along Rt. 37 to its intersection with the Garden State Parkway near Toms River, the point of beginning. The Edwin B. Forsythe National Wildlife Refuge (Zone 58) is excluded from Zone 22,

Zone No. 23: That portion of Burlington, Atlantic and Camden Counties lying with a continuous line beginning at the intersection of Rt. 563 and the Mullica River at the Atlantic-Burlington County line near Green Bank; then north and west along the north bank of the Mullica River to its intersection with Rt. 542 at Pleasant Mills; then west along Rt. 542 to its intersection with Nescochague Creek; then northwest along Nescochague Creek to Great Swamp Branch; then westward along Great Swamp Branch to its intersection with Rt. 206 (just south of the intersection of Rt. 206 and Middle Road); then north along Rt. 206 to its intersection with Albertson Brook (about 4 miles north of Hammonton); then westward along Albertson Brook until it becomes Blue Anchor Brook; then westward along Blue Anchor Brook to its intersection with Rt. 30, near Cedar Ave., south of Ancora; then northwest along Rt. 30 to its intersection with Rt. 73; then north on Rt. 73 to its intersection with Rt. 534, Jackson Road; then east along Rt. 534 to its intersection with Atsion Road; then southeast on Atsion Road to its intersection with Willow Grove Road; then northeast on Willow Grove Road to its intersection with Rt. 541, Stokes Road; then southeast along Rt. 541 to its intersection with Rt. 206; then north along Rt. 206 to its intersection with Forked Neck Road; then east along Forked Neck Road (Dingletown Rd.) to its intersection with Tuckerton Rd.; then southeast and south on Tuckerton Rd. to its intersection with Carranza Rd., then southeast on Carranza Rd. to its intersection with the railroad tracks; then east following the railroad tracks to its intersection with Eagle Rd.; then northeast on Eagle Rd. to its intersection with White Horse - Speedwell Rd.; then north on White Horse - Speedwell Rd. to its intersection with South Park Rd.; then north on South Park Rd. to its intersection with South Park Rd.; then north on South Park Rd. to its intersection with Rt. 532 (Chatsworth Rd.); then northwest on Rt., 532 to its intersection with Irick's Causeway; then northeast on Irick's Causeway to its intersection with Sooy

Place Road (Vincetown-South Park Road); then northwest on Sooy Place Rd. to its intersection with Avenue Road; then northeast on Avenue Rd. to its intersection with Burr's Mill Road; then northeast on Burr's Mill Rd. to its intersection with Rt. 70; then east on Rt. 70 to its intersection with Rt. 72 at Four Mile Circle; then southeast on Rt. 72 to its intersection with Rt. 563; then southwest along Rt. 563 to its intersection with the Mullica River at the Atlantic-Burlington County line, the point of beginning near Green Bank.

Zone No. 24: That portion of Burlington and Ocean Counties lying within a continuous line beginning at the intersection of Rt. 563 Rt. 72; then southeast along Rt. 72 to its intersection with the Garden State Parkway; then south along the Parkway to its intersection with Stage Road; then west along Stage Road to its intersection with Leektown Road; then west along Leektown Road (which turns into Rt. 653) to its intersection with the Wading River; then south along the east bank of the Wading River to its intersection with the Mullica River and the Atlantic-Burlington County line; then west along the north bank of the Mullica River to its intersection with Rt. 563 near Green Bank; then north along Rt. 563 to its intersection with Rt. 72, the point of beginning.

Zone No. 25: That portion of Salem, Gloucester, Atlantic and Camden Counties lying within a continuous line beginning at the intersection of Rt. 54 and Rt. 40 near Buena; then west on Rt. 40 to its intersection with Rt. 553; then north on Rt. 553 to its intersection with Rt. 610 (Aura Road); then southeast on Rt. 610 to its intersection with Rt. 655 (Fries Mill Road then north on Rt. 655 to its intersection with Rt. 322; then west on Rt. 322 to its intersection with Rt. 47 at Glassboro; then north on Rt. 47 to its intersection with County Road 635 (Hurville-Grenloch Road); then eastward on County Road 635 to its intersection with County Road 705 (County House Road); then southeast along Rt. 705 to its intersection with County Road 688 (Turnerville-Hickstown Road); then eastward along County Road 688 to its intersection with County Road 689 (Berlin-Crosskeys Road); then northeast along County Road 689 to its intersection with Rt. 73 at Berlin; then south on Rt. 73 to its intersection with Rt. 30; then southeast along Rt. 30 to its intersection with Blue Anchor Brook, just past Cedar Avenue, south of Ancora; then eastward along Blue Anchor Brook until it becomes Albertson Brook at Fleming Pike; then eastward along Albertson Brook to its intersection with Rt. 206 (about four miles north of Hammonton); then south on Rt. 206 to its intersection with Great Swamp Branch (just past the intersection of Rt. 206 and Middle Road); then eastward along Great Swamp Branch to its intersection with Nescochague Creek; then eastward along Nescochague Creek to Nescochague Lake, at Pleasant Mills; then westward along the north and western shore of Nescochague Lake to its intersection with Hammonton Creek; then westward along Hammonton Creek to its intersection with Rt. 30 (White Horse Pike), near Hammonton; then southeast on Rt. 30 to its intersection with Weymouth Road (Rts. 640-559); then southward on Weymouth Rd. to its intersection with the Atlantic City Expressway; then west along the Atlantic City Expressway to its intersection with Eighth Street; then south along Eighth Street to its intersection with Rt. 322; then westward on Rt. 322 to its intersection with Rt. 54; then southward on Rt. 54 to its intersection with Rt. 40 near Buena, the point of beginning. Zone 65 is excluded from Zone 25.

Zone No. 26: That portion of Atlantic and Burlington Counties lying within a continuous line beginning at the intersection of Rts. 40 and 54 near Buena; then southeast on Rt. 40 (40-322) to its intersection with Rt. 575; then northeast on Rt. 575 to its intersection with Moss Mill Road (Alt. Rt. 561); then east on Alt. Rt. 561 to its intersection with Oyster Creek; then east along the south bank of Oyster Creek to Great Bay; then north along the west

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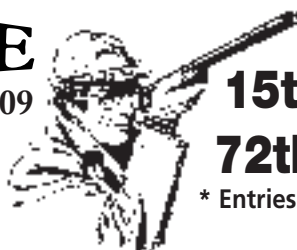
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shore of Great Bay to its intersection with the Mullica River and the Atlantic-Burlington County line; then north-west along the south bank of the Mullica River to its intersection with Rt. 542 at Pleasant Mills; then west on Rt. 542 to its intersection with Nescochaque Creek at Pleasant Mills; then south along the west bank of Nescochaque Creek to Nescochaque Lake; then southwest along the western bank of Nescochaque Lake to its intersection with Hammonton Creek; then westward along Hammonton Creek to its intersection with Rt. 30 (White Horse Pike), near Hammonton; then south on Rt. 30 to its intersection with Weymouth Road (Rts. 640-559); then south on Weymouth Rd to its intersection with the Atlantic City Expressway; then northwest along the Atlantic City Expressway to its intersection with Eighth Street; then southwest along Eighth Street to its intersection with Rt. 322 (Black Horse Pike); then northwest along Rt. 322 to its intersection with Rt. 54; then southwest along Rt. 54 to its intersection with Rt. 40 at Buena, the point of beginning. The Atlantic County Park System (Zone 61) and the Edwin B. Forsythe National Wildlife Refuge (Zone 57) are excluded from Zone 26.

Zone No. 27: That portion of Cumberland and Salem Counties lying within a continuous line beginning at the intersection of Rts. 77 and 40 at Pole Tavern; then north-west on Rt. 40 to its intersection with Rt. 48; then west on Rt. 48 through Penns Grove to the Delaware River; then south along the east bank of the Delaware River to its intersection with the Salem Canal at Deepwater; then east-ward along the south bank of the Salem Canal to its inter-section with the Salem River; then southward along the west bank of the Salem River to its intersection with Rt. 49 at Salem; then southeast on Rt. 49 to its intersection with Salem County Rt. 667 (Pecks Corner-Cohansey Rd.) at Pecks Corner; then eastward along Rt. 667 to its inter-section with Rt. 540; then east along Rt. 540 to its inter-section with Rt. 77; then north on Rt. 77 to its intersection with Rt. 40 at Pole Tavern, the point of beginning.

Zone No. 28: That portion of Gloucester, Cumberland and Salem Counties lying within a continuous line beginning at the intersection of Rts. 77 and 40 at Pole Tavern; then east on Rt. 40 to its intersection of Rt. 47 at Malaga; then south on Rt. 47 to its intersection of Rt. 49 in Millville; then west on Rt. 49 to its intersection with Salem County Rt. 667 (Pecks Corner-Cohansey Road) at Pecks Corner; then eastward along Rt. 667 to its intersection with Rt. 540; then east on Rt. 540 to its intersection with Rt. 77; then north on Rt. 77 to Pole Tavern, the point of beginning.

Zone No. 29: That portion of Salem and Cumberland Counties lying within a continuous line beginning with the intersection of Rts. 77 and 49 at Bridgeton; then northwest on Rt. 49 to its intersection with Alloway Creek at Quinton; then southwest along the northern bank of the Alloway Creek to its intersection with the Delaware River; then south along the east bank of the Delaware River to the Cohansey River; then along the northwest bank of the Cohansey River to Bridgeton, the point of beginning.

Zone No. 30: That portion of Cumberland County lying within a continuous line beginning at Fairton on the Cohansey River; then west along the south bank of the Cohansey River to the Delaware River; then southeast along the east bank of the Delaware River to the Maurice River; then north along the west bank of the Maurice River to Haleyville-Mauricetown Road (County Road 676); then west on Haleyville-Mauricetown Road to its intersection with the Central Railroad of New Jersey (C.R.R.N.J.); then west along the C.R.R.N.J. line to its intersection with Newport-Centre Grove Road (County Road 629); then southwest on Newport-Centre Grove Road to its intersection with Rt. 553, then northwest on Rt. 553 to Fairton, the point of beginning.

Zone No. 31: That portion of Cumberland County lying within a continuous line beginning at the intersections of Routes 77 and 49 at Bridgeton; then east on Rt. 49 to the Maurice River near Millville; then south along the west bank of the Maurice River near Millville; then south along the west bank of the Maurice River to Buckshutem Creek; then west on the north bank of Buckshutem Creek to its intersection with Buckshutem Road (County Road 670); then northwest on Buckshutem Road to its intersection with Cedarville Road (County Road 610); then southwest on Cedarville Road to its intersection with Newport Centre Grove Road (County Road 629); then southwest on Newport Centre Grove Road to its intersection with Rt. 553; then northwest along Rt. 553 to the Cohansey River at Fairton; then north on the east bank of the Cohansey River to Bridgeton, the point of beginning.

Zone No. 32: Not designated.

Zone No. 33: That portion of Atlantic County lying within a continuous line beginning at the intersection of Rts. 40 and the Great Egg Harbor River at Mays Landing; then south along the east bank of the Great Egg Harbor River to Rt. 651 (Jeffers Landing Road); then northeast along Rt. 651 to its intersection with Rt. 559 (Mays Landing - Somers Point Road); then north along Rt. 559 to its inter-section with Schoolhouse Road; then north on Schoolhouse Road to its intersection with Rt. 575 (English Creek Avenue); then northeast along Rt. 575 to its inter-section with Rt. 40; then west on Rt. 40 to its intersection with the Great Egg Harbor River at Mays Landing, the point of beginning. The Atlantic County Park System (Zone 61) is excluded from Zone 33.

Zone No. 34: That portion of Cumberland and Cape May Counties lying within a continuous line beginning at the intersection of Rt. 47 and Rt. 548 in Port Elizabeth; then east on Rt. 548 to its intersection with Rt. 49; then north-west on Rt. 49 to its intersection with the Tuckahoe River at Head of River; then eastward along the south bank of the Tuckahoe River and Atlantic-Cape May County line to Great Egg Harbor Bay; then continuing eastward along the Atlantic-Cape May County line to the Atlantic Ocean at the Great Egg Harbor Inlet; then southeast along the Atlantic Ocean to Delaware Bay; then north and west along the east bank of Delaware Bay to the Maurice River; then north along the east bank of the Maurice River to Port Elizabeth and Rt. 548, the point of beginning.

Zone No. 35: That portion of Salem and Gloucester Counties lying within a continuous line beginning at the east bank of the Delaware River at Penns Grove; then southeast on Rt. 48 to its intersection with Rt. 40; then southeast on Rt. 40 to its intersection with Rt. 553; then north on Rt. 553 to the intersection with Rt. 610 (Aura Road); then southeast on Rt. 610 to its intersection with Rt. 47 at Clayton; then north on Rt. 47 to its intersection with county Rt. 635 (Lamb's Rd.) at Glassboro; the west or Rt. 635 to its intersection with Mantua Creek at Glassboro; then northwest along the Mantua Creek to the Delaware River; then southwest along the east bank of the Delaware River, to Penns Grove, the point of beginning. Chester and Mond's Islands lying in the Delaware River are in this zone.

Zone No. 36: That portion of Bergen, Hudson, Essex, Passaic, Morris, Union, Somerset and Middlesex Counties lying within a continuous line beginning at the intersection of Rt. 202 and the New York State line near Suffern; then south on Rt. 202 to its intersection with Rt. 23 near Wayne; then south on Rt. 23 to its intersection with Rt. 80; then southwest on Rt. 80 to its intersection with Rt. 511; then south on Rt. 511 to its intersection with Rt. 510; then west on Rt. 510 to its intersection with Rt. 124 at Morristown; then southeast on Rt. 124 to its intersection with Rt. 82; then southeast along Rt. 82 to its intersection with Rt. 22; then southwest on Rt. 22 to its intersection with Rt. 287 near Somerville; then southeast on Rt. 287 to its intersection with Rt. 18 near South Bound Brook; then southeast on Rt. 18 to its intersection with the New Jersey

Turnpike; then north on the Turnpike to its intersection with the Raritan River; then east along the north bank of the Raritan River to Raritan Bay and the New York State line; then north along the New York State line to Arthur Kill and west bank of the Hudson River; then west along the New Jersey-New York border to the point of beginning near Suffern.

Zone No. 37: That portion of Fort Dix Military Reservation, U.S. Dept. of the Army, designated as open for deer hunting, lying within Burlington County.

Zone No. 38: That portion of Great Swamp National Wildlife Refuge, U.S. Dept. of the Interior, designated as open for deer hunting, lying within Morris County.

Zone No. 39: That portion of Naval Weapons Station Earle, U.S. Department of the Navy designated as open for deer hunting, lying within Monmouth County.

Zone No. 40: That portion of Naval Weapons Station Earle, Waterfront Section, U.S. Department of the Navy, designated as open for deer hunting, lying within Monmouth County.

Zone No. 41: That portion of Hunterdon and Mercer Counties lying within a continuous line beginning at the intersection of Rt. 31 and Rt. 202 at Ringoes; then south along Rt. 31 to its intersection with Rt. 546 at the Pennington traffic circle; then west along Rt. 546 to the Delaware River; then north along east bank of Delaware River to its intersection with Rt. 202; then north along Rt. 202 to the point beginning at Ringoes.

Zone No. 42: That portion of Atlantic County lying with a continuous line beginning at the intersection of Moss Mill Road (Alt. Rt. 561) and Rt. 575 in Galloway Township; then southwest along Rt. 575 to its intersection with Rt. 40; then southeast along Rt. 40 to its intersection with Rt. 575 (English Creek Avenue); then south along Rt. 575 to its intersection with Schoolhouse Road; then southeast along Schoolhouse Road to its intersection with Rt. 559 (Mays Landing - Somers Point Road); then continuing southeast along Rt. 559 to its intersection with Rt. 651 (Jeffers Landing Road); then south along Rt. 651 to its intersection with the Great Egg Harbor River and the Egg Harbor Township line; then south along the east bank of the Great Egg Harbor River to the Atlantic-Cape May County line in Great Egg Harbor Bay; then eastward along the Atlantic-Cape May County line to its intersection with the Atlantic Ocean at the Great Egg Harbor Inlet; then northeast along the Atlantic Ocean to Great Bay; then west along the south shore of Great Bay to the confluence of Oyster Creek; then west along the south bank of Oyster Creek to Oyster Creek Road (Alt. Rt. 561); then west along Atl. Rt. 561 to its intersection with Rt. 575 in Galloway Township, the point of beginning. The Edwin B. Forsythe National Wildlife Refuge (Zones 56 and 57), the Atlantic County Park System (Zone 61) and the Federal Aviation Administration William J. Hughes Technical Center (Zone 66) are excluded from Zone 42.

Zone No. 43: That portion of Cumberland County lying within a continuous line beginning at the intersection of Buckshutem Road (County Road 670) and Cedarville Road (County Road 610); then southwest on Cedarville Road to its intersection with Newport Centre Grove Road (County Road 629); then southwest on Newport Centre Grove Road to its intersection with the Central Railroad of New Jersey (C.R.R.N.J.); then east on the C.R.R.N.J. line to its intersection with Haleyville Road (County Road 676) at Mauricetown Station; then east on Haleyville Road to its intersection with the Maurice River at Mauricetown; then north along the west bank of the Maurice River to the north bank of Buckshutem Creek at Laurel Lake; then west along the north bank of Buckshutem Creek to Buckshutem Road; then northwest on Buckshutem Road to its intersec-

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tion with Cedarville Road, the point of beginning.

Zone No. 44: Not designated.

Zone No. 45: That portion of Cumberland, Atlantic and Cape May Counties lying within a continuous line beginning at the intersection of Broad Street (Rt. 552 spur) and Delsea Drive (Rt. 47); then northeast along Rt. 552 spur to Rt. 552; then continuing northeast along Rt. 552 to its intersection with the Tuckahoe River at Milmay; then south along the west bank of the Tuckahoe River to its intersection with Rt. 49 at Hunter's Mill; then southeast on Rt. 49 to its intersection with Rt. 548; then west on Rt. 548 to its intersection with Delsea Drive (Rt. 47) and the Manumuskin River in Port Elizabeth; then west along the south bank of Manumuskin River to its intersection with the Maurice River; then north along the east bank of the Maurice River to its intersection with Rt. 49 in Millville; then east on Rt. 49 to its intersection with Delsea Drive (Rt. 47); then north on Rt. 47 to its intersection with Broad Street (Rt. 552 spur), the point of beginning.

Zone No. 46: That portion of Atlantic County lying within a continuous line beginning at the intersection of Rt. 49 and the Tuckahoe River at Hunter's Mill; then southeast along Rt. 49 to its intersection with the Tuckahoe River and the Atlantic-Cape May County line at Head of River; then eastward along the north bank of the Tuckahoe River to Great Egg Harbor Bay and the Egg Harbor Township line on the Egg Harbor River; then northwest along the west bank of the Egg Harbor River to its intersection with Rt. 40 at Mays Landing; then west on Rt. 40 to its intersection with Estelle Ave; then south on Estelle Ave. to its intersection with Rt. 552 then southwest on Rt. 552 to its intersection with the Tuckahoe River at Milmay; then south along the east bank of the Tuckahoe River to its intersection with Rt. 49 at Hunter's Mill the point of beginning. The Atlantic County Park System (Zone 61) is excluded from Zone 46.

Zone No. 47: That portion of Gloucester, Atlantic and Cumberland lying within a continuous line beginning at the intersection of Rts. 47 and 40 at Malaga; then southeast on Rt. 40 to its intersection with Estelle Ave; then south on Estelle Ave to its intersection with Rt. 552; then southwest on Rt. 552 to spur 552; then west on spur 552 to its intersection with Rt. 47 at Millville; then north on Rt. 47 to Malaga, the point of beginning.

Zone No. 48: That portion of Burlington County lying within a continuous line beginning at the intersection of the New Jersey Turnpike and Route 38 near Moorestown; then east along Route 38 to its intersection with Route 530; then east along Route 530 along the Pemberton bypass to its intersection with the southern boundary of Fort Dix Military Reservation; then northward along the western Fort Dix boundary to its intersection with County Road 670; then east on County Road 670 to its intersection with Route 545 at Wrightstown; then northwest on Route 545 to its intersection with the Delaware River at Bordentown; then southwest along the east bank of the Delaware River to Route 541 at the City of Burlington; then southeast along Route 541 to its intersection with Interstate 295; then southwest along Interstate 295 to its intersection with Rancocas Creek; then east along Rancocas Creek to its intersection with the New Jersey Turnpike; then southwest along the New Jersey Turnpike to its intersection with Route 38, the point of beginning. New Bold and Burlington Islands lying in the Delaware River are in this zone.

Zone No. 49: That portion of Gloucester, Camden and Burlington Counties lying within a continuous line beginning at the mouth of Mantua Creek on the Delaware River; then northeast along the east bank of the Delaware River to Rt. 541 at the City of Burlington; then southeast along Rt. 541 to its intersection with Interstate 295; then south-

west along I-295 to its intersection with Rancocas Creek; then east along the Rancocas Creek to its intersection with the NJ Turnpike; then southwest along the NJ Turnpike to its intersection with Rt. 73; then south along Rt. 73 to its intersection with County Road 689 (Cross Keys Road) at Berlin; then southwest along County road 689 to its intersection with County Road 688 Turnersville-Hickstown Road); then west along County road 688 to its intersection with County Road 705; then northwest along County Road 705 (County House Road) to its intersection with County Road 635 (Grenlode-Hurlville Road); then southwest on County Road 635 to its intersection with Mantua Creek; then northwest along Mantua Creek to its mouth at the Delaware River, the point of beginning. Petty Island lying in the Delaware River is in this zone.

Zone No. 50: That portion of Monmouth and Middlesex Counties lying within a continuous line beginning at the intersection of the New Jersey Turnpike and Rt. 522 near Jamesburg; then southeast on Rt. 522 to the intersection with Rt. 537 at Freehold; then southwest on Rt. 537 to the intersection with business Rt. 33; then east on Rt. 33 to the intersection with the western edge of the fenced boundary of the Earle Naval Weapons Depot; then north and east along the fenced boundary of the Earle Depot to the intersection of County Route 38 (Wayside Rd.) and Rt. 547 at the most eastern point of the fenced boundary of Naval Weapons Station - Earle; then northeast on Rt. 547 to [its] the intersection with the Garden State Parkway; then north on the Garden State parkway to the intersection with Rt. 36 near Eatontown; then east on Rt. 36 to the Atlantic Ocean; then north along the Atlantic coastline to the Raritan Bay; then south and west along the southern shore of Raritan Bay to the Raritan River; then continuing west along the south bank of the Raritan River to the intersection with the New Jersey Turnpike; then southwest along the New Jersey Turnpike to the intersection with Rt. 522, the point of beginning. Monmouth Battlefield State Park (Zone 64), Naval Weapons Station Earle (Zones 39 and 40), and Fort Monmouth (Zone 62), are excluded from this zone.

Zone No. 51: That portion of Monmouth and Ocean Counties lying within a continuous line beginning at the intersection of Rt. 547 and Rt. 571 near Lakehurst; then southeast along Rt. 571 to the intersection with the Garden State Parkway; then south on the Garden State Parkway to its intersection with Rt. 37 near Toms River; then east along Rt. 37 to the Atlantic Ocean; then north along the Atlantic coastline to the intersection with Rt. 36 in Long Branch; then west on Rt. 36 to the intersection with the Garden State Parkway near Eatontown; then south on the parkway to the intersection with 547; then south on Rt. 547 to the intersection with county route 38 (Wayside Road) at the eastern fenced boundary of Naval Weapons Station - Earle; then south along the eastern fenced boundary of Naval Weapons Station - Earle to the intersection with Rt. 34; then south on Rt. 34 to the intersection with Tinton Falls Rd. and Rt. 33; then south on Tinton Falls Rd. to the intersection with Rt. 547 (Asbury Rd.); then south on Rt. 547 through Farmingdale to the intersection with Rt. 571, the point of beginning.

Zone No. 52: That portion of Fort Dix Military Reservation, U.S. Dept. of the Army, designated as open for deer hunting, lying within Ocean County.

Zone No. 53: That portion of Lakehurst Naval Air Engineering Center, U.S. Dept. of the Navy, designated as open for deer hunting, lying within Ocean County.

Zone No. 54: That portion of U.S. Army Armament Research and Development Command (ARRADCOM), U.S. Dept. of the Army, designated as open for deer hunting, lying within Morris County.

Zone No. 55: That portion of Gloucester County lying within a continuous line beginning at the intersection of Rts. 47 and 322 at Glassboro; then east along Rt. 322 (County Rt. 536) to its intersection with Rt. 655 (Fries Mill Rd.); then south on Rt. 655 to its intersection with Rt.

610 (Academy Ave.); then west on Rt. 610 to its intersection with Rt. 47 (Delsea Drive) at Clayton; then north along Rt. 47 to its intersection with Rt. 322 at Glassboro, the point of beginning.

Zone No. 56: That portion of Edwin B. Forsythe National Wildlife Refuge, U.S. Dept. of the Interior, located south of Stoney Hill Road, designated as open for deer hunting, lying within Atlantic County.

Zone No. 57: That portion of Edwin B. Forsythe National Wildlife Refuge, U.S. Dept. of the Interior, located north of Stoney Hill Road and south of the Mullica River, designated as open for deer hunting, lying within Atlantic County.

Zone No. 58: Those portions of Edwin B. Forsythe National Wildlife Refuge, including the Barnegat Division, U.S. Dept. of the Interior, located north of the Mullica River, designated as open for deer hunting, lying within Burlington and Ocean Counties.

Zone No. 59: That portion of Supawna Meadows National Wildlife Refuge, U.S. Dept. of the Interior, designated as open for deer hunting, lying within Salem County.

Zone 60: That portion of Round Valley Recreation Area, designated as open for deer hunting, lying within Hunterdon County.

Zone No. 61: Those portions of the Atlantic County Park System, County of Atlantic, designated as open for deer hunting, lying within Atlantic County.

Zone No. 62: Not designated.

Zone No. 63: That portion of Salem County lying within a continuous line beginning at the intersection of the Salem Canal and the Delaware River at Deepwater; then eastward along the south bank of the Salem Canal to its intersection with the Salem River; then southward along the west bank of the Salem River to its intersection with Rt. 49 at Salem; then southeastward on Rt. 49 to its intersection with Alloway Creek at Quinton; then southwest along the northern bank of the Alloway Creek to its intersection with the Delaware River; then northward along the east bank of the Delaware River and New Jersey State line to Finns Point and Fort Mott State Park; then northward along the New Jersey State Line through Killcohook National Wildlife Refuge to the Delaware River; then northwest along the east bank of the Delaware River; then northwest ward along the east bank of the Delaware River and New Jersey State line to its intersection with the Salem Canal at Deepwater, the point of beginning. The Supawna Meadows National Wildlife Refuge (zone 59) is excluded from zone 63.

Zone No. 64: That portion of Monmouth Battlefield State Park, designated as open for deer hunting, lying within Monmouth County.

Zone No. 65: That portion of Camden and Gloucester Counties lying within a continuous line beginning at the intersection of Rt. 322 and County Road Rt. 659 (Malaga-New Brooklyn Rd.) in Monroe Twp., Gloucester Co.; then northeast along Rt. 659 to its intersection with County Road Rt. 536 at New Brooklyn; then northward along Rt. 536 to its intersection with County Road Rt. 720 (Brooklyn-Blue Anchor Rd.); then southeast on Rt. 720 to its intersection with Rt. 73 near Blue Anchor; then southward along Rt. 73 to its intersection with Piney Hollow Rd.; then southwest along Piney Hollow Rd. to its intersection with Rt. 322; then west along Rt. 322 to its intersection with County Road Rt. 659, the point of beginning.

Zone No. 66: Those portions of the Federal Aviation Administration William J. Hughes Technical Center designated as open for hunting, lying within Atlantic County.

Zone No. 67: That portion of High Point State Park, located north and east of Deckertown Turnpike (Rt. 650), designated as open to hunting, lying within Sussex County.

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Special Area Hunting Season Information

All state game laws and regulations apply to special areas. Please refer to the Digest section 1999-00 New Jersey Deer Season Summary by Management Zone for additional information on season dates and bag limits.

Atlantic County Park System (Zone 61):

Persons interested in hunting at Atlantic County Park should contact the Park by calling (609) 645-5960 or by writing to: Atlantic County Park, 109 Route 50, Mays Landing, NJ 08330 for general information and requirements BEFORE submitting a permit application. Applicants must comply with all Park regulations. Zone 61 is closed during the Fall Bow Season. Portions of the Park will be open to deer hunting during the Permit Bow, Six-day Firearm, Permit Muzzleloader, Permit Shotgun and Winter Bow Seasons. Please refer to the Digest section 1999-00 New Jersey Deer Season Summary by Management Zone for season dates and bag limits for this zone.

Bayside Tract:

For information on hunting this Public Service Electric and Gas property, call 1-888-MARSHEs.

Earle Naval Weapons Station Depot (Zones 39 and 40):

Earle Naval Weapons Station Depot is not open to the general public. Unless you are a Civilian Employee or Military assigned to the Base, you are NOT eligible to hunt at Earle NWS. Do NOT mail permit applications directly to the State. Bring your completed applications to the Station's annual Hunter Orientation. For further information please contact Ray Green - Station Game Warden at (732) 866-2708. Please refer to the Digest section entitled 1999-00 New Jersey Deer Season Summary by Management Zone for season dates and bag limits for these zones.

Federal Aviation Administration William J. Hughes Technical Center (Zone 66):

The Federal Aviation Administration William J. Hughes Technical Center is not open to the general public. The Technical Center is open for deer hunting under long-term agreements between the U.S. Department of Transportation - Federal Aviation Administration, United Bowhunters of New Jersey (Fall Bow, Permit Bow and Winter Bow Seasons), and NJ State Federation of Sportsmen's Clubs (Muzzleloader and Permit Shotgun Seasons). Approved hunters must attend one of the orientation sessions scheduled for August and October 1999. Hunters should apply for any Zone 66 special season permit through the regular, mail-in lottery. For further information, contact the Technical Center at (609) 485-6938.

Sportsmen and women interested in deer hunting in Zone 66 should be aware of the following procedures established by the FAA administrative authority: (1) Membership in the applicable organization is required for insurance coverage and administrative purposes, and the application deadline for such membership is July 31 of the calendar year; (2) The Division's Law Enforcement Unit will conduct a background check on all Zone 66 applicants. Any hunter convicted of a safety or deer hunting violation within the last 10 years will be ineligible; (3) Attending a hunter orientation/registration on designated dates is mandatory; and, (4) Any other requirements of the FAA Technical Center must be met.

Fort Dix Military Reservation (Zones 37 and 52):

Persons interested in hunting on Fort Dix Military Reservation should call (609) 562-6667 or (609) 562-4676 for general information and fee schedules BEFORE submitting a permit application. Hunters must comply with all Fort Dix regulations. Persons hunting on Fort Dix must pay an annual fee of \$18.50. When hunting, hunters must sign in and out at Range 14 on a daily basis. Military training will take precedence over hunting. Hunters should be familiar with several hunting areas in case their preferred area is closed on a given day.

The Quality Deer Management Program will be continued during the 1999-2000 deer hunting seasons in Zone 37. The program will include a point restriction on all antlered deer taken in this zone. Specifically, Fort Dix will require that every ANTLERED deer taken in Zone 37, during any deer season, must have six (6) points or more. An antler point is defined as at least one inch long from its tip to its base line, and the length must exceed the width at some location at least one inch down from the tip. Please refer to the Digest section entitled 1999-00 New Jersey Deer Season Summary by Management Zone for season dates and bag limits for these zones. Fort Dix Military Reservation (Zones 37 and 52) will be CLOSED to all hunting on December 25, 1999 and January 1, 2000.

High Point State Park (Zone 67):

A Permit Muzzleloader season will be held in designated areas of High Point State Park on November 15 - 19, 22 - 24, 1999. All hunters are required to harvest an antlerless deer first. An antlerless deer is defined as any deer with no antlers or antlers less than three inches in length. A "New Jersey Supplemental Transportation Tag" will then be issued which will be valid for the taking of an additional deer. Hunters that successfully harvest an antlerless deer may then harvest an antlered male deer with no less than six antler points. No antlered male deer with less than six antler points may be harvested in High Point State Park at any time. An antler point is defined as being at least one inch in length. An unlimited number of antlerless deer may be harvested in High Point, however no more than one antlered male deer may be taken during the Permit Muzzleloader season at High Point State Park.

All deer hunters will be restricted to that portion of High Point State Park located north and east of Route 23 during the first four days of the hunt (November 15, 16, 17 and 18, 1999) in order to concentrate the harvest of deer in the Kuser Swamp Natural Area. Both sides of Route 23 will be open November 19, 22, 23 and 24, 1999. Additional roads and sections of High Point State Park, not previously available to deer hunters will be open this year. Maps of High Point State Park and regulations will be mailed to all Zone 67 permit winners. In addition to a valid hunting license and a Zone 67 permit, each hunter will be charged a \$15.00 administration fee by the Division of Parks and Forestry. A receipt will be issued to each hunter when the fee is collected. This receipt must be carried while hunting. No hunters are permitted in the park before 6:00 am or after 6:00 p.m. The Park will be closed to hunting at all other times.

Hunterdon County Park System:

Parks within the Hunterdon County Park System that are open to hunting require an access permit, in addition to the necessary hunting license and/or deer permits. Applications are available at the Hunterdon County Park office on Rt. 31, Flemington. Call (908) 782-1158 for more information.

Lakehurst Naval Air Engineering Station (Zone 53):

Lakehurst Naval Air Engineering Station will be open for deer hunting to properly licensed hunters as follows: All sportsmen considering hunting on Lakehurst NAES for any hunting season MUST attend the mandatory orientation briefing at Lakehurst NAES at 6 p.m. on Monday, August 23 or Monday, September 27, 1999. DO NOT WAIT to receive a Zone 53 permit before attending the orientation briefing. For further information, including additional fees and regulations, contact NAES, Attention: John Joyce, Code 83E, Public Works Dept., Lakehurst, NJ 08733-5069 or call (732) 323-2911 BEFORE submitting a permit application. Please refer to the Digest section entitled 1999-00 New Jersey Deer Season Summary by Management Zone for season dates and bag limits for this zone.

Lizard Tail Swamp Preserve:

For information on hunting this Nature Conservancy preserve, call 609-861-0600.

Monmouth Battlefield State Park (Zone 64):

A four day Permit Shotgun season is scheduled for Wednesday, January 12, Friday, January 14, Wednesday, January 19, and Friday, January 21, 2000. The bag limit for Zone 64 is one antlered deer and an unlimited number of antlerless deer. The Park is closed to hunting at all other times.

Permittees will be randomly selected by computer via the mail-in application lottery process, following the same procedures used for other zones. The permit quota for Zone 64 for the 1999-2000 hunting season will be 90 permits. Successful applicants will be permitted to hunt all four of the hunt dates. In addition, hunters are required to attend a hunter orientation session. Hunters who attended the Monmouth Battlefield State Park hunter orientation in 1999 are exempt from attending the orientation in 2000. All other hunters MUST attend one session. Orientation sessions will be held at 6:30 p.m. on Wednesday, January 5, 2000 and at 10:00 a.m. on Saturday, January 8, 2000. Orientation sessions will be held at the Monmouth County Library Headquarters, 125 Symmes Drive (off U.S. Hwy. Rt. 9), in Manalapan Township. Additional information regarding special regulations and directions to orientation sessions will be mailed to successful applicants by January 1, 2000. If hunters can not attend one of the orientation sessions, it is recommended that they do not apply for a Zone 64 shotgun permit. Zone 64 permittees will NOT be given a refund.

Permit holders must comply with State Park regulations. Only shotgun slugs, number 4 buckshot or number 000 buckshot will be permitted for use during the Permit Shotgun season at Monmouth Battlefield State Park (Zone 64).

Morris County Park System:

The Chester Tract, located in Chester Township and the Mahlon Dickerson Reservation, located in Jefferson Township, under the stewardship of the Morris County Park Commission will be open for deer hunting during the Permit Shotgun season only. The Chester Tract will be open for a controlled hunt during the Permit Shotgun season on December 15 and 16, 1999 and January 27 and 28, 2000. Hunters will be required to have a zone 8 permit as well as a permit from the Park Commission. It is recommended that you have permission to hunt in an alternative location in zone 8, as you may not be selected in the Park Commission's lottery.

The Mahlon Dickerson Reservation will be open for a controlled hunt during the Permit Shotgun season on December 17, 1999 and January 14 and 21, 2000. Hunters will be required to have a zone 6 permit as well as a permit from the Park Commission. It is recommended that you have permission to hunt in an alternative location in zone 6, as you may not be selected in the Park Commission's lottery.

The Park Commission requires hunters to take two antlerless deer prior to the taking of an antlered deer. An antlerless deer is defined as any deer with no antlers or antlers less than three inches in length. Only buckshot may be used.

Anyone interested in hunting on the Chester Tract or the Mahlon Dickerson Reservation must obtain an application from the Morris County Park Police Headquarters located at 300 Mendham Road (approximately 3 miles west of Morristown). Applications must be picked up in person Monday through Friday, between the hours of 9:00 a.m. and 4:00 p.m. Applicants must pay a non-refundable \$15 processing fee for Morris county residents (\$30 fee for non-county residents) at that time. Applications must be submitted by September 3, 1999. Successful applicants will be notified by October 1, 1999. Additional information may be obtained by contacting the Morris County Park Police at (973) 326-7632.

Newark Watershed:

Most of Newark Watershed is located in Zone 3 and part of the property is located in Zone 6. Please refer to the Digest section entitled 1999-00 New Jersey Deer Season Summary by Management Zone for season dates and bag limits for those zones. No deer hunting is permitted in January. In addition to the hunting license and/or deer permit, hunters are required to obtain an access permit to hunt on Newark Watershed property. Applications for access permits are available at the Newark Watershed office, 223 Echo Lake Rd., Newfoundland, NJ. Please call (973) 697-2850 for more information.

Picatinny Arsenal (Zone 54):

Picatinny Arsenal is not open to the general public for hunting. Picatinny Arsenal is open to deer hunting for Picatinny Arsenal employees and designated persons only. The fall bow season will be October 2 - October 29, 1999 with a bag limit of two deer. The permit bow season will be October 30 - December 31, 1999, with a bag limit of two deer per permit. The six-day firearm season will be December 6 - 11, 1999, with a bag limit of two antlered deer. The permit muzzleloader season will be November 29, 30; December 13 - 17, 20 - 24, 27 - 30, 1999 with a bag limit of two deer. The permit shotgun season will be December 18, 1999 and January 15, 2000 with a bag limit of two deer. The winter bow season will be January 1 - 29, 2000 with a

continued on page 46

Special Area Hunting Season Information continued from page 45

bag limit of two deer. No more than one antlered deer may be taken during any of the deer seasons (except the six-day firearm season).

Rancocas State Park:

Designated areas of Rancocas State Park will be open for deer hunting during the Fall Bow, Permit Bow and Winter Bow Seasons. During these seasons, the season dates, bag limits, and State hunting regulations for Deer Management Zone 48 will apply to Rancocas State Park. Detailed maps of the hunt areas and additional information MUST be obtained prior to hunting Rancocas State Park. This information can be obtained by calling (609) 726-1191 or by writing to Rancocas State Park, c/o Lebanon State Forest, PO BOX 215, New Lisbon, NJ 08064. Deer hunting in Rancocas State Park is prohibited at all other times.

Round Valley Recreation Area (Zone 60):

A Permit Shotgun hunt will be held on designated areas of Round Valley Recreation Area on December 15 - 17, 1999. The area is closed to hunting at all other times. A total of 120 zone 60 permits will be available through the regular mail-in permit application process. All hunters will be required to harvest an antlerless deer first. Maps, liability release form, specific hunting regulations, and access information will be mailed to successful applicants.

Six-Mile Run Reservoir State Park:

Designated portions of the Six-Mile Run Reservoir property will be open for deer hunting during the fall bow, permit bow and winter bow seasons only. Contact the Delaware-Raritan Canal State Park office at 732-873-3050 for a map of the areas open to deer hunting.

Deer Hunting on National Wildlife Refuges in New Jersey

Most State laws relating to deer hunting apply to New Jersey's National Wildlife Refuges. However, special U.S. Fish and Wildlife Service regulations are in effect throughout all authorized deer hunting seasons. Hunters should take notice that the following, additional regulations apply to all National Wildlife Refuges (Refuges) in New Jersey:

1. Hunting over bait or distributing bait is prohibited on all National Wildlife Refuges.
2. The use of a spotlight, or other artificial light including automotive headlights, for the purpose of spotting, locating, or taking any wildlife on a National Wildlife Refuge is prohibited. This regulation applies to all persons regardless of whether or not they have a weapon or firearm in their possession.
3. Firearm hunters (shotgun and muzzleloader) must wear an outer garment consisting of at least 400 square inches of fluorescent orange while deer hunting on National Wildlife Refuges. The amount of fluorescent orange required to hunt on a National Wildlife Refuge is double the amount required by New Jersey regulations.
4. Entry is prohibited on Refuge roadways posted "Inholders Only" signs.
5. The use of nails, wire, screws or bolts to attach a stand to a tree, or hunting from a tree into which a metal object has been driven to support a hunter, is prohibited on National Wildlife Refuges.

In addition to the regulations outlined above the following information is provided about individual Refuges:

Cape May National Wildlife Refuge:

The Refuge is open for all six deer seasons. Season dates, bag limits, and State hunting regulations for Deer Management Zone 34 will be applicable on the Refuge in addition to the regulations outlined above. Maps and Refuge-specific regulations can be obtained by calling Cape May National Wildlife Refuge at (609) 463-0994 Monday through Friday between 8:00 a.m. and 4:00 p.m. They may also be picked up at Refuge Headquarters located at 24 Kimbles Beach Road, Cape May Court House.

Edwin B. Forsythe National Wildlife Refuge (Zones 56, 57 and 58):

The regulations outlined above for all National Wildlife Refuges apply to Zones 56, 57 and 58. Successful candidates who will be hunting the Edwin B. Forsythe National Wildlife Refuge for the first time are required to attend a hunter orientation session prior to hunting or scouting. Orientation sessions will be held at the Barnegat Division on Sunday, October 24, 1999 and Sunday, November 21, 1999; orientation sessions will be held at the Brigantine Division on Sunday, October 31, 1999 and Sunday, November 28, 1999. All sessions begin promptly at 10:00 a.m. All attendees will be allowed to scout after that day's orientation. For additional hunting information please call (609) 652-1665.

Hunters will be able to purchase left-over deer permits at over-the-counter sales on the first day of sale only. Absolutely no permits will be sold after the initial over-the-counter sale date. All hunters who obtain a deer permit must have their permit validated before they are allowed to scout or hunt on the Refuge. Validation of permits must be done at either the Brigantine or Barnegat Divisions during business hours or at the Refuge deer hunting orientation sessions. Permit validation must be done in person by the person whose name is on the permit. Only designated sections of the Edwin B. Forsythe National Wildlife Refuge will be open for deer hunting. All other areas are CLOSED.

ZONE 56: A Permit Shotgun Season will be held on December 13-17, 1999, with a bag limit of one antlered deer and unlimited antlerless deer per permit. Because two deer may be taken at one time, the second deer may be harvested before the first deer is checked. All Zone 56 hunters are requested to register their deer at the Division of Fish, Game and Wildlife's Nacote Creek Research Station. Biologists will be present to collect valuable information about the condition of deer on the refuge. Zone 56 will be closed to deer hunting at all other times.

ZONES 57 AND 58: A Permit Bow Season will be from October 30 to November 27, 1999. The Permit Muzzleloader Season will be on November 29 and 30, December 13, 14, 18, 20-24, 27-31, 1999 and January 1, 2000. A Permit Shotgun Season will be held on December 6, 7, 8, 15, 16 and 17, 1999, with a bag limit of one antlered deer and unlimited antlerless deer per permit. Zones 57 and 58 will be closed to deer hunting at all other times.

All Zone 57 hunters who harvest deer on Dec. 15, 16 or 17 are asked to check their deer at the Nacote Creek Research Station. Biologists will be present to collect valuable information about the condition of deer on the Refuge.

Great Swamp National Wildlife Refuge (Zone 38):

The Refuge will be open for Permit Shotgun and Permit Muzzleloader hunting only. The Permit Shotgun and Permit Muzzleloader seasons have been scheduled to run concurrently on November 30, December 1, 2 and 3, 1999. Great Swamp NWR will be closed to hunting at all other times. Hunters will be required to harvest an adult doe, before an antlered male deer permit is issued. An antlered male deer permit will not be issued for harvesting a fawn. This requirement is an effort by Great Swamp National Wildlife Refuge to target the reproducing portion of the population. The bag limit is two antlerless deer per day and one antlered male per season for those who harvest an adult doe. A permittee cannot be guaranteed four days of hunting due to the daily quota of hunters allowed afield. Fifty muzzleloader permits and four hundred and fifty shotgun permits will be available. Shotgun and muzzleloader permits for zone 38, leftover after the initial mail-in lottery will be sold at the Great Swamp Refuge Headquarters, located on Pleasant Plains Rd. in Basking Ridge on Sunday, November 7, from 1 - 5 pm and on Monday, November 8, from 8 am to 4:30pm.

In addition to the Zone 38 shotgun and/or muzzleloader permit issued by the NJ Division of Fish, Game and Wildlife, the U.S. Fish and Wildlife Service will charge a \$22 fee (\$11 for those persons with Golden Age or Golden Access passports) for issuance of a federal hunting permit. The federal permit will be issued free of charge to hunters under the age of 17. Specific information regarding this fee will be supplied by the Refuge to successful applicants after they have received their state permit. The U.S. Fish and Wildlife Service will provide daily hunter quotas, hunt procedures and regulations. For further information, call (973) 425-1222.

Supawna Meadows National Wildlife Refuge (Zone 59):

For Supawna Meadows National Wildlife Refuge, the Permit Bow Season will be October 30 to November 27, 1999. The Permit Shotgun Season for Zone 59 will be divided into four segments. The first segment will be December 2-4, 1999. The second segment will be December 9-11, 1999. The third segment will be December 30, 1999 to January 1, 2000 and the fourth segment will be January 13-15, 2000. Supawna Meadows NWR (Zone 59) will be closed to deer hunting at all other times. Each segment bag limit will be one antlered deer and unlimited antlerless deer per permit. Because two deer may be taken at one time the second deer may be harvested before the first deer is checked. Shotgun permits will be valid for one of the four season segments (three days each). Hunters selected to receive a Zone 59 shotgun permit will have the opportunity to indicate the segment during which they prefer to hunt by means of a questionnaire from the U.S. Fish and Wildlife Service issued after the application mail-in period. If a given segment is over-subscribed, hunters will be notified of the segment to which they are assigned after the random drawing is held by Supawna Meadows NWR. The public drawing will be held at the Refuge on Sunday November 21, 1999 at 12:00 noon.

Hunters using slugs must hunt from a stand elevated at least six feet above ground level and their shotguns must be equipped with adjustable sights or a scope.

In addition to the Zone 59 shotgun or bow permit, the U.S. Fish and Wildlife Service will charge an additional \$20 fee for issuance of a federal hunting permit. Junior and Juvenile license holders with a valid Zone 59 permit will not be charged for issuance of the federal hunting permit. Specific information regarding this fee will be supplied to successful applicants by the Refuge after they have received their state permit.

If Zone 59 permits are available after the first and second lotteries, they will be offered for sale at the Division's Trenton and Southern Regional Offices until close of business on November 19, 1999. Any remaining Zone 59 permits will be sold at the Supawna Meadows National Wildlife Refuge office on November 30, December 7, and December 28, 1999 and January 11, 2000. Permits will ONLY be sold to individuals who have attended a Refuge orientation program. Hunters purchasing permits at the Refuge office will be assigned to hunt segments on a first-come, first-served basis until the segment quota of 25 hunters is filled. After November 19, 1999 inquiries regarding permit availability should be directed to the Refuge office (609) 935-1487.

Successful applicants and all individuals considering hunting in Zone 59 MUST attend an orientation session at the Refuge. An orientation for archery and shotgun hunters will be held on Sunday, October 24, 1999 and a session for shotgun hunters will be held on Sunday, November 21, 1999. Both sessions start at 10:00 a.m. The Refuge will only be open for scouting on October 24, November 21, December 19, 1999. For further information, call (609) 935-1487.

Walkkill River National Wildlife Refuge:

Designated areas of the Refuge will be open for deer hunting during the Fall Bow, Permit Bow, Permit Muzzleloader and Permit Shotgun Seasons. During these seasons the season dates, bag limits, and State hunting regulations for Deer Management Zone 2, in addition to the regulations outlined above will apply to Walkkill River NWR. Detailed maps of the hunt areas, a list of regulations and a signed access permit from the Refuge MUST be obtained prior to scouting or hunting the Refuge. The access permit is free and must be carried by the hunter at all times when on Refuge property.

The permit is non-transferable. Because hunt areas change each year, new hunt maps are required. Current hunt maps, information and access permits will be available by August 15th and can be obtained by calling (973) 702-7266 or by writing Walkkill River National Wildlife Refuge, 1547 County Route 565, Sussex, NJ 07461. Deer hunting in Walkkill River NWR is prohibited at all other times.

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Wildlife Management Area (WMA) Regulations

Regulations for use of wildlife management areas are established by the Division of Fish, Game and Wildlife with penalties of not less than \$50 nor more than \$200.

Information on these regulations and permit applications may be obtained by writing to the Division of Fish, Game and Wildlife, PO Box 400, Trenton, NJ 08625-0400.

The Division may revoke any permit or other authorization issued for violation or due cause.

THE FOLLOWING ARE PROHIBITED: SWIMMING, PICNICKING; DUMPING; CUTTING OR DAMAGING VEGETATION; ALCOHOLIC BEVERAGES; FIRES.

Restricted Hours

Wildlife Management Areas are closed from 9 pm until 5 am unless engaged in lawful hunting, fishing or trapping activities.

Motor Vehicles & Other Forms of Conveyances

No person shall operate an unregistered vehicle on any State Wildlife Management Area. 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.

The use of dog sleds and dog carts off road vehicles, ATV's, trailbikes, or snowmobiles is prohibited on all Wildlife Management Areas (WMAs) unless authorized by the Division.

Hunting Regulations

Hunting with firearms is prohibited on November 7, 1999 on those WMAs designated as Pheasant and Quail Stamp areas except in tidal marsh open to an ongoing waterfowl season.

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.

Target Practice

Only bow and arrow, shotgun, muzzleloading shotgun, muzzleloading rifle and .22 caliber rifle shooting is allowed in designated hunter training ranges according to posted regulations 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 in of fine shot; Bow and Arrow Range - approved backstops at various ranges, no broadheads allowed; Muzzleloading Rifle and shotgun Slug Range - for sighting in with shotgun slugs, .22 rifle and muzzleloader; no other firearms allowed.

Field Trials

Field trials may be run on designated WMAs. A permit is required.

Dog Training, Exercising & Hunting

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

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

All dogs must be properly licensed. A person may exercise or train dogs on any WMA from September 1 to April 30. There shall be no exercising or training of dogs on any WMA on November 6, 1999, the Friday before the opening day of the regular small game season.

During any firearm deer season, dog training is permitted only on the above WMAs in the designated dog training areas.

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 foxes, raccoons, rabbits and hares. For more information call 609-292-1599.

Outboard Motors

Only electric motors are allowed on freshwater areas with the exception of Union Lake where an outboard motor, not exceeding 10 hp, may be used. On Prospertown Lake, only manually operated boats and canoes are allowed.

Horseback Riding

Horseback riding is allowed by permit only from the Division of Fish, Game and Wildlife on designated areas. Call 609-259-2132.

Higbee Beach

Higbee Beach WMA is closed to hunting from Sept. 1 to Dec. 13, 1999.

Waterfowl Blinds

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

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

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 the Division.

Fishing Tournaments

Any club or organization that would like to use Division Wildlife Management Areas for fishing tournaments must secure a permit from the Division. An application must be submitted along with a \$15.00 fee to obtain a use permit for boat launches. Applications will be accepted in January at the Division's Trenton office.

Boat Ramp Maintenance Permit

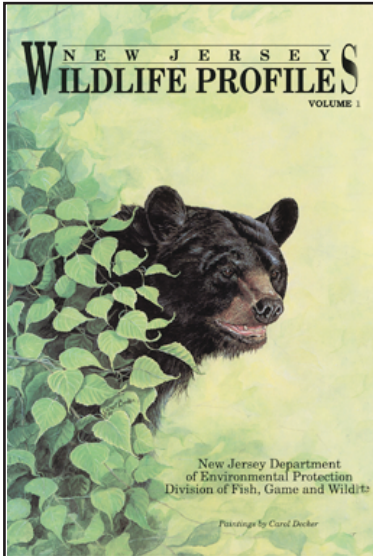
Any vehicle used to transport or launch a vessel or water conveyance on the following WMAs must have affixed to the lower corner of the driver's side rear window a boat ramp maintenance permit or receipt from a valid hunting, fishing or trapping license. The boat ramp maintenance permit shall be purchased for a fee of \$15.00 from the Division.

- | | |
|-------------------------------|---------------------|
| 1. Round Valley Angler Access | 6. Mad Horse Creek |
| 2. Kingwood | 7. Union Lake |
| 3. Assunpink | 8. Menantico Ponds |
| 4. Dennis Creek | 9. Prospertown Lake |
| 5. Tuckahoe | |

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There are limited quantities of New Jersey Wildlife Profiles available for sales at \$23.95. The 112-page book features reproductions of 52 full color wildlife paintings created for the pages of New Jersey Outdoor Magazine by wildlife artist Carol Decker. Wildlife information and distribution maps for 52 New Jersey critters included. This is an excellent reference for educators, wildlife enthusiasts or libraries.

Published by the Division of Fish, Game and Wildlife, the book can be purchased through the mail or at the Division's Trenton office at 501 East State Street or the Pequest Natural Resource Education Center, Route 46 in Oxford. To receive a copy in the mail, send a check payable to the Division of Fish, Game and Wildlife for \$28.00 (includes postage) to PO Box 400, Trenton, NJ 08625-0400.



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Deer Hunting High Point State Park

High Point State Park, located in Sussex County, has been closed to deer hunting during most of its history. Since the late 1950s, only an estimated 1000 acres of the park south and west of Deckertown Turnpike have been open to hunting. In 1978, an 8,667 acre section of the park was open to a limited shotgun hunt. One hundred and sixty-three hunters participated in December 1978 hunt and harvested 40 deer. The park again was closed to hunting for years. High Point State Park has been open for a special permit muzzleloader season since 1997.

Poor regeneration of Atlantic white cedar trees and a high number of winter deer mortalities in the Kuser Natural Area brought attention to the need for deer population control in High Point State Park. In 1997, the New Jersey Division of Parks and Forestry and the New Jersey Division of Fish, Game and Wildlife cooperatively implemented an 11-day permit muzzleloader deer hunt. Three-hundred and five deer were reported harvested during the first eleven-day special permit muzzleloader hunt held in Deer Management Zone 67. Hunters were restricted to using only traditional muzzleloaders on the last three days of the hunt.

In November 1998, a special permit muzzleloader hunt was again held at High Point State Park. During the eleven-day season, 298 deer were harvested. Hunters were required to harvest an antlerless deer first. One hundred and nineteen deer were harvested on the first day of the hunt. Of the total 298 deer harvested, 69 were antlered male deer and 229 were antlerless (female and fawn) deer.

High Point State Park will be open for an eight-day permit muzzleloader season (November 15 - 19, 22 - 24, 1999). All hunters will be required to harvest an antlerless deer first. Only hunters that harvest an antlerless deer may harvest an antlered male. No antlered male deer with less than six antler points may be harvested in High Point State Park at any time. No more than one antlered male deer may be taken during the 1999 Permit Muzzleloader season. Restricting hunters to antlered males having six or more points not only increases the harvest of fawns and female deer (a necessary component of deer herd reduction), but allows the antlered male deer in the park to age and grow larger antlers for future hunters and wildlife observers to enjoy.

All deer hunters will be restricted to that portion of High Point State Park located north and east of Route 23 during the first four days of the hunt. Additional roads and sections of High Point State Park, not previously available to deer hunters will be open in this section of the park, facilitating access for hunters. Maps of High Point State Park and regulations will be mailed to all Zone 67 permit winners, outlining the open roads and new areas available to hunters.

The access fee has been increased to \$15.00. Money collected from last year's entrance fees were used to conduct Forward Looking Infra Red (FLIR) surveys of High Point. Results of the FLIR survey indicate high numbers of deer in the northern end of High Point State Park. Hunters are asked to be a part of the deer management team by harvesting more antlerless deer in areas of the park where deer have impacted Atlantic white cedar regeneration. Proper deer herd management in High Point State Park benefits not only the forest regeneration, but hunters and other wildlife enthusiasts that wish to see larger antler racks. It is expected that hunters will have an enjoyable hunting experience in High Point this year, and hopefully for years

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Public Deer Hunting Land in New Jersey

Throughout the state there are more than 750,000 acres of public land available to hunters. The following list arranged by deer management zone is 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 access fees or have other special regulations. Refer to the section entitled "Special Area Hunting Season Information" or contact the appropriate authority for additional information.

Deer hunters are reminded they 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.

Zone Public Land Open to Hunting

- 1 * Flatbrook-Roy WMA
- * Hainesville WMA
- * Stokes State Forest
- 2 * Kittatinny Valley State Park
- * Wallkill River National Wildlife Refuge (see "Special Area Hunting Season Information")
- 3 * Abram Hewitt State Forest
- * Hamburg Mountain WMA
- * Newark Watershed (see "Special Area Hunting Season Information")
- * Norvin Green State Forest
- * Ringwood State Park
- * Wanaque WMA
- * Waywayanda State Park
- 4 * Delaware Water Gap National Recreation Area
- * Flatbrook-Roy WMA
- * Stokes State Forest
- * Walpack WMA
- * Worthington State Forest
- 5 * Bear Swamp WMA
- * Beaver Brook WMA
- * Columbia Lake 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
- * Farny State Park
- * Newark Watershed (see "Special Area Hunting Season Information")
- * Rockaway River WMA
- * Sparta Mountain WMA
- * Weldon Brook WMA
- * Wildcat Ridge WMA
- 7 * Clinton WMA
- * Hunterdon County Park System - Union Forge Preserve (see "Special Area Hunting Season Information")
- * Musconetcong River WMA
- 8 * Allamuchy Mountain State Park
- * Black River WMA
- * Hacklebarney State Park
- * Hunterdon County Park System - Cold Brook Preserve (see "Special Area Hunting Season Information")
- * Ken Lockwood Gorge WMA
- * Morris County Park System - Chester Tract (see "Special Area Hunting Season Information")
- * Musconetcong River WMA
- * Pequest WMA
- * Voorhees State Park
- 9 * Black River WMA
- 10 * Hunterdon County Park System - Musconetcong Gorge (see "Special Area Hunting Season Information")
- * Musconetcong River WMA
- 11 * Hunterdon County Park System - Lockatong Nature Preserve (see "Special Area Hunting Season Information")
- 12 * Hunterdon County Park System - Cushetunk Mountain Park (see "Special Area Hunting Season Information")
- * Hunterdon County Park System - Sourland Mountain Reservation (see "Special Area Hunting Season Information")
- 13 * Morris County Park System - Lewis Morris Park (see "Special Area Hunting Season Information")
- 14 * Assunpink WMA (Washington Twp section only)
- * Six Mile Run Reservoir State Park (see "Special Area Hunting Season Information")
- 15 * Assunpink WMA
- 16 * Butterfly Bogs WMA
- * Turkey Swamp WMA
- 17 * No public deer hunting land
- 18 * Colliers Mills WMA
- * Manchester WMA
- * Whiting WMA
- 19 * Medford WMA
- * Wharton State Forest
- 21 * Forked River Mountain WMA
- * Greenwood Forest WMA
- * Lebanon State Forest
- 22 * Bass River State Forest
- * Manahawkin WMA
- 23 * Wharton State Forest
- 24 * Bass River State Forest
- * Green Bank State Forest
- * Penn State Forest
- * Stafford Forge WMA
- * Swan Bay WMA

- * Wharton State Forest
- 25 * Cedar Lake WMA
- * White Oak Branch WMA
- 26 * Makepeace Lake WMA
- * Port Republic WMA
- * Hammonon Creek WMA
- 27 * Salem River WMA
- * Thundergut Pond WMA
- 28 * Elmer Lake WMA
- * Union Lake WMA
- 29 * Bayside PSE&G Tract (see "Special Area Hunting Season Information")
- * Gum Tree Corner WMA
- * Mad Horse Creek WMA
- * Maskells Mill Pond WMA
- 30 * Dix WMA
- * Egg Island WMA
- * Fortescue WMA
- * Nantuxent WMA
- * New Sweden WMA
- 31 * Edward G. Bevan WMA
- * Bucksbutem WMA
- 33 * No public deer hunting land
- 34 * Beaver Swamp WMA
- * Belleplaine State Forest
- * Cape Island WMA
- * Cape May Wetlands WMA
- * Cape May National Wildlife Refuge
- * Dennis Creek WMA
- * Heislerville WMA
- * Higbee Beach WMA
- * Lester G. MacNamara WMA
- * Lizard Tail Swamp Preserve (see "Special Area Hunting Season Information")
- 35 * DOD Ponds WMA
- 36 * No public deer hunting land
- 37 * Fort Dix Military Reservation (see "Special Area Hunting Season Information")
- 38 * Great Swamp National Wildlife Refuge (see "Special Area Hunting Season Information")
- 39 * No public deer hunting land
- 40 * No public deer hunting land
- 41 * No public deer hunting land
- 42 * No public deer hunting land
- 43 * Edward G. Bevan WMA
- 44 * Menantico Ponds WMA
- * Peaslee WMA
- 46 * Gibson Creek WMA
- * Lester G. MacNamara WMA
- * Maple Lake WMA
- * Peaslee WMA
- 47 * Peaslee WMA
- 48 * Rancocas State Park (see "Special Area Hunting Season Information")

- 49 * No public deer hunting land
- 50 * No public deer hunting land
- 51 * Allaire State Park
- * Manasquan River WMA
- 52 * Fort Dix Military Reservation (see "Special Area Hunting Season Information")
- 53 * Lakehurst Naval Air Engineering Station (see "Special Area Hunting Season Information")
- 54 * No public deer hunting land
- 55 * Glassboro WMA
- 56 * Edwin B. Forsythe National Wildlife Refuge (see "Special Area Hunting Season Information")
- 57 * Edwin B. Forsythe National Wildlife Refuge (see "Special Area Hunting Season Information")
- 58 * Edwin B. Forsythe National Wildlife Refuge (see "Special Area Hunting Season Information")
- 59 * Supawna Meadows National Wildlife Refuge (see "Special Area Hunting Season Information")
- 60 * Round Valley Recreation Area (see "Special Area Hunting Season Information")
- 61 * Atlantic County Park System (see "Special Area Hunting Season Information")
- 63 * Abbotts Meadow WMA
- 64 * Monmouth Battlefield State Park (see "Special Area Hunting Season Information")
- 65 * Winslow WMA
- 66 * Federal Aviation Administration William J. Hughes Technical Center (see "Special Area Hunting Season Information")
- 67 * High Point State Park (see "Special Area Hunting Season Information")

Maps and information on hunting land is also available from the following sources: USGS Topographic Maps – Maps for all land in New Jersey, \$5.00 per sheet. NJ Dept. of Environmental Protection, Maps and Publications, Bureau of Revenue, PO Box 417, Trenton NJ 08625-0417, 609-777-1038

State Parks and Forests Maps – Maps and information on lands administered by the Division of Parks and Forestry. Please specify park or forest when writing. Free of charge. NJ Dept. of Environmental Protection, Division of Parks and Forestry, PO Box 404, Trenton NJ 08625-0404, 800-843-6420

WMA Maps – Maps and information on lands administered by the Division of Fish, Game and Wildlife. Photocopied WMA maps on USGS base available free of charge. NJ Div. Fish, Game & Wildlife, P.O. Box 400, Trenton NJ 08625, 609-984-1401

A statewide open space map is available for \$3 from the Information and Education Unit of NJ Div. Fish, Game & Wildlife. Send check for \$3.00 to: Open Space Map, NJ Div. Fish, Game & Wildlife, P.O. Box 400, Trenton NJ 08625

Be Sure of Your Target - And Beyond Be Aware of all SAFETY ZONES

Violation	First Offense	Repeat Offenses
Deer Permit Violations (Hunting without permit, wrong season, wrong zone, permit transfer)	Up to \$3,00	Up to \$500 Loss of License
Hunting within 450 ft of a school playground or building	Up to \$300	\$1,500; Permanent Loss of License
Injury to another person	Up to \$2,000 Loss of License	Up to \$4,000; Permanent Loss of License
Damage to crops or other property	Up to \$2,000 + Restitution for damages Loss of License	Up to \$2,000 + Restitution for damages Permanent Loss of License
Careless use of weapon (shooting into safety zone, handling weapon in unsafe manner)	Up to \$500 Loss of license	Up to \$500 Loss of License
Trespass	Up to \$200	Up to \$500 Loss of License

First Lottery 1999 Permit Quotas vs. 1998 Applicants

ZONE	1998 1ST CHOICE APPLICANTS BOW	1999 PERMIT QUOTA BOW	1998 1ST CHOICE APPLICANTS SHOTGUN	1999 PERMIT QUOTA SHOTGUN	1998 1ST CHOICE APPLICANTS MUZZLELOADER	1999 PERMIT QUOTA MUZZLELOADER
1	412	550	266	457	419	660
2	1173	1450	1087	2154	763	1700
3	843	950	250	618	724	1100
4	868	965	531	720	800	950
5	1902	2500	2728	4850	1093	2550
6	1000	1110	965	1785	699	1200
7	1108	1700	1213	2200	618	1300
8	2075	3350	2478	4700	952	2350
9	421	870	419	1100	150	475
10	1172	1850	1161	2550	562	1450
11	799	1250	899	1650	384	950
12	1541	2400	1488	3000	559	1500
13	862	1200	431	1050	98	350
14	1003	1550	950	1800	291	850
15	781	1000	787	1256	377	625
16	888	1025	380	783	479	680
17	422	680	448	876	190	500
18	37	425	68	88	401	425
19	833	900	600	1000	501	800
21	34	600	104	167	611	700
22	400	460	221	257	188	225
23	976	1000	136	187	1028	1000
24	15	340	13	107	447	520
25	544	805	794	1446	320	700
26	542	800	213	525	696	1030
27	544	850	495	1234	351	850
28	556	690	374	880	456	775
29	448	800	480	1229	343	900
30	205	290	129	256	197	300
31	176	200	53	81	160	190
33	75	125	60	215	64	150
34	563	775	286	690	666	1000
35	787	1280	809	1837	460	1075
36	197	350	86	250	20	100
37	97	110	21	46	215	310
38	0	0	229	500	0	50
39	30	70	42	86	21	45
40	9	37	0	0	0	0
41	360	550	403	850	140	475
42	87	110	137	234	39	70
43	119	200	36	116	145	300
45	216	255	34	74	336	430
46	166	275	83	132	251	375
47	81	220	161	426	86	215
48	391	675	532	793	185	390
49	94	160	68	149	21	60
50	609	875	598	1050	143	360
51	400	625	385	800	141	350
52	53	60	10	50	96	160
53	57	35	12	29	51	50
54	29*	29	17	23	13	18
55	10	95	12	57	78	120
56	0	0	23*	20	0	0
57	11	35	14	35	15	35
58	15	35	34	50	2	40
59	39*	35	33	100	0	0
60	0	0	48	120	0	0
61	9	30	26	84	6	30
62	0	0	0	0	0	0
63	139	300	189	443	57	270
64	0	0	74	90	0	0
65	186	250	25	56	178	230
66	2	25	1	50	1	10
67	1	0	0	0	505*	350

TOTAL ALLOCATION 40,181 48,461 34,673

* Indicates this zone will probably not be available for the second lottery based on the number of applicants in 1998.

HOW TO USE THIS TABLE: Compare the 1999 permit quota and the number of 1998 first choice permit requests for a zone to calculate your odds of winning a permit in the first lottery.

Deer Permit Application Information

Permit seasons play a major role in the Division's deer management program. The three permit seasons provide a means to control hunting pressure and thereby harvest in each deer management zone in order to meet specific deer management objectives. Since the majority of the permit season's harvest is antlerless deer, whitetail populations can be controlled effectively. In those zones where significant agricultural damage occurs, the Division will continue to apply management strategy to reduce the deer population through special permits seasons. This control is established by setting specific permit quotas and season lengths for each zone.

Because of the additional harvest and recreational opportunity these seasons provide, a fee of \$21.75 is charged for each permit. This fee is in addition to that charged for the regular hunting license that is a prerequisite for filing an application for a deer permit.

The Child Support Program Improvement Act was passed by the Legislature in March, 1998 (P.L.1998c.1) to be in compliance with federal law. The Act requires the collection of social security numbers on applications for all commercial and recreational licenses, including hunting and fishing licenses. To maintain your privacy, this number will not be printed on your permit.

Application Instructions

The application period is August 15 - September 10. Please follow the application instructions carefully and read this entire section before filling out your permit application. If you do not complete your application correctly, you may miss out on the opportunity to receive a permit. Permits cannot be exchanged. Make sure you have a place to hunt in a particular zone before applying for that zone. Use only one application for all of your requests.

Deer management objectives rely on the proper use of deer permits. Each permit issued is valid for only one season, one zone and one hunter. It is illegal to use a permit for a different zone or season, or to transfer the permit to another hunter. Deer permit violators are subject to a fine of \$100 to \$500 for each offense.

Hunters are able to apply for a total of four deer permits (two bow, two firearm) through the mail-in lottery.

Two random lotteries will be conducted. The first lottery will choose applicants from the first lottery section of the permit application. The second lottery will assign permits leftover from the first lottery. These permits will be assigned to applicants filling out the second lottery section of the application.

The second permit lottery is an alternative to over-the-counter sales. It will lessen the need for hunters to wait in long lines, and will also save the Division thousands of dollars in administrative costs.

Persons who wish to hunt together should consult the table provided on page 52 and apply for under-subscribed zones. See the table on page 51 showing public land available in each zone.

WARNING: Licensed hunters may apply for a maximum of two permits (one bow and one shotgun OR one bow and one muzzleloader) in EACH lottery. Automatic computer edits will exclude all permit requests for individuals applying for more than two permits in each lottery.

Do not submit a second application if you make a mistake on your submitted application. If we can not correct your application we will return it to you. You will be given additional time to correct the error and resubmit your application.

Permit applicants can increase their chances of receiving a permit by selecting under-subscribed zones for their second and third choices in the first lottery, and also listing under-subscribed zones for all choices in the second lottery. Check the table on page # for a comparison of 1998 first choice permit applicants in the first lottery and 1999 permit quotas. This table is a guide only; hunter preferences may

change. In most zones, permit quotas have been adjusted to meet demand.

Popular zones should not be listed as second or third choices. For example, Zone 4 is usually oversubscribed and it is likely that first choice applicants will take all or most of the available permits in the first draw in the first lottery. Choosing under-subscribed zones as alternate choices is recommended provided the applicant has a place to hunt in these zones.

about the status of your permit cannot be answered before October 27 (bow) and November 10 (shotgun and muzzleloader).

Why you may not have received a permit in the past

In 1998, virtually all persons who filed a correct application received a permit. Common filing errors include applying for closed zones, listing oversubscribed zones as second and third choices, failure to include cor-

Farmer Deer Permits

The Legislature passed a law in 1999 to change the requirements for obtaining a free farmer deer permit. There will be two types of applications, and the farmer applicant can decide which is easiest to qualify. Farmers may only apply with one application. The first is for the farmer and his family who reside on their farm. He must have at least 5 acres of land that is also tax-assessed as farmland. The permit will be valid for the farm property where the applicant resides.

The second application is for the farmer who does not reside on his farm. The farmer must actively farm at least 30 tilled acres. Woodlots can not be used to qualify. A copy of all leases authorizing the agricultural and hunting uses of the land must be attached to the application. No more than five people may receive permits for the same farm. The permit will be valid for the entire zone applied for. An applicant who lives on the farm and actively tills at least 30 acres may also apply with this application.

The farmer deer permit applications are available from county agricultural agents, Division offices and soil conservation offices. Farmers are encouraged to send in their applications as early as possible since additional review of applications will be necessary. Farmers and their family members may also apply for regular deer permits in addition to the free farmer deer permits by completing the deer permit application included in this digest issue and enclosing a license stub and appropriate fee.

Deer Permit Hotline (609) 292-9192

Notification Dates:	BOW Oct. 27	FIREARM Nov. 10
Over-the Counter Sales Dates:	Sat., Oct. 30, 9AM - 12 noon	Sun., Nov. 14, 9AM - 12 noon

Reminder: After Oct. 30 for bow and Nov. 14 for firearm, over-the-counter sales will take place Monday, Wednesday and Friday only for the Northern District, Assunpink, Southern Region and Nacote Creek offices.

Two reasons to apply through the mail: * Bow permit over-the-counter sales will take place on the opening day of Permit Bow Season.
* Avoid standing in long lines.

There are many under-subscribed zones that have public lands that are open to hunting. Applicants should confirm access to hunting lands before submitting applications.

Second Lottery - Zones Available

The purpose of the second lottery is to award permits left over from the first lottery to hunters applying for ADDITIONAL PERMITS. IT IS NOT A CONTINUATION OF THE FIRST LOTTERY. The computer seeks to fill the first, second or third choices of applicants in the second lottery INDEPENDENT of any of the applicants' requests that were made in the first lottery. If you do not want two permits for a particular zone, DO NOT list that zone in both the first and second lottery.

Based on last year's results and the increase in the quotas, the Division predicts that the following zones will NOT be available for the second lottery.

BOW: 54 and 59
SHOTGUN: 56
MUZZLELOADER: 67

Notification

Application materials will be returned to persons filing incorrect, incomplete or late applications. Those applicants not selected to receive a permit will receive a notice of non-selection. A refund, minus the \$2 application fee, will be issued at a later date. In the past, refunds have been sent in late January as a mass mailing when all permit problems have been resolved. All applicants will receive notification by October 27 for bow permits and November 10 for shotgun and muzzleloader permits. If you have not received notification by these dates, please contact the Division between October 27 and November 9 for bow permits and November 10 and December 13 for shotgun and muzzleloader permits. Persons not notifying the Division by the above dates will not receive refunds for permits that were not deliverable or lost in the mail. Permits are not transferable or exchangeable.

For questions concerning the permit process, call the permit hotline: (609) 292-9192. However, questions

rect fees or hunting license stubs, indicating wrong season, and filing incomplete applications. Division staff will make every effort to correct obvious mistakes or return your application to you for correction. However, it is the hunter's responsibility to submit a correct application in a timely manner.

Over-The-Counter Sales of Leftover Permits

Hunters will be able to purchase any permits left over after the mail-in lotteries. The permits will be sold on a "first-come, first-served" basis at select Division offices.

Tentative dates for these sales are Saturday, October 30 for bow permits and Sunday, November 14 for shotgun and muzzleloader permits. Information on the availability of permits and sale locations will be on the hotline after the lotteries are conducted in mid-October. Information will also be available via news releases. Any extra early season muzzleloader permits for Ft. Dix (Zones 37 and 52) will be sold on October 30 at the Assunpink WMA. Hours for both over-the-counter sales dates will be 9 a.m. until 12 noon.

Applicants are strongly urged to apply during the mail-in period because long lines are expected at all over-the-counter sales locations. Hunters who did not take advantage of the mail-in lottery, as well as applicants who have already received a permit, will be able to purchase permits for any zone still available.

Hunters do not need to be present to purchase permits over-the-counter. Anyone may purchase a permit for a hunter who is unable to attend the over-the-counter sale if the person on-line produces the absent hunter's applicable license. However, a hunter on-line is limited to purchasing permits for a total of 3 individuals. Xerox copies of licenses are not acceptable. Hunters on line cannot purchase permits for other hunters on line in order to circumvent the "first-come, first-served" rule.

Hunters will be able to purchase more than one permit at a time for selected zones that have an abundance of permits still available. A list of these zones will be posted at the entrance of the over-the-counter sales locations.

Deer Permit Application Instructions



Note: A rifle permit is required while muzzleloader hunting.

Applications may be photocopied. Print clearly. Follow instructions carefully.

1. HUNTER INFORMATION: Fill in the hunter's name, birth date, mailing address, Social Security number, daytime telephone number and hunting license number.
2. PERMIT BOW SECTION: If you would like to apply for a bow permit, fill in your zone choices next to the "B" under the first lottery section. If you would like a second bow permit, fill in your zone choices next to the "B" under the second lottery section.
3. PERMIT FIREARM SECTION: If you would like to apply for a shotgun or muzzleloader permit, place an "S" (shotgun) or "M" (muzzleloader) in the box and fill in your zone choices under the first lottery section. If you would like an additional firearm (shotgun or muzzleloader) permit, place an "S" (shotgun) or "M" (muzzleloader) in the box and fill in your zone choices under the second lottery section.
4. DEER PERMIT ID STUB: Attach your deer permit ID stub(s) from your 1999 archery, firearm or all-around sportsman hunting license where indicated on the application. Bow applicants must include an archery license stub or all-around license stub. Shotgun or muzzleloader applicants must include the stub from their firearm or all-around license.
5. PERMIT FEE: A \$21.75 fee (\$19.75 permit fee plus a \$2.00 nonrefundable application fee) per permit must accompany your application. The fee should be in the form of a check or money order made payable to the "NJ Division of Fish, Game and Wildlife" and must be mailed with your application. Applicants not chosen to receive permits will receive a refund for permit fee only (\$19.75 per permit) in late January. Include your name and address on checks and money orders.
6. Cut along dotted lines and mail application and fees to the address below. Envelopes must be postmarked by September 10 to NJ Division of Fish, Game and Wildlife, PO Box 003, Trenton, NJ 08625-0003
7. Please use a business-size envelope. Do not send cash.



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12 Gauge maximum distances for shot sizes:

No. 0	>>>>>>>	1,845 feet or 615 yards
No. 00	>>>>>>>	1,895 feet or 632 yards
Slug, 1 oz.	>>>>>>>	3,780 feet or 1,260 yards

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* Never shoot at or over the crest of a hill.



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	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
1	457	714	526	631	555	542	628	457	702	434	722	443	709	517	632	551	542	624	458	655	431	723	433	732
2	457	713	527	630	556	540	629	456	703	434	722	444	708	518	631	552	541	625	457	656	431	723	434	732
3	458	711	528	628	557	539	630	454	704	433	722	445	707	519	629	553	539	626	456	657	431	724	434	732
4	459	710	529	627	558	537	632	453	705	433	722	446	706	521	627	554	538	627	455	658	430	725	435	732
5	500	709	530	625	559	535	633	452	706	433	722	447	705	522	626	556	536	628	453	659	430	725	436	732
6	501	708	531	623	600	534	634	451	707	433	722	448	704	523	624	557	534	629	452	700	430	726	436	731
7	502	707	532	622	601	532	635	450	708	433	722	449	702	524	623	558	533	630	451	701	430	727	437	731
8	503	706	533	620	602	531	636	449	709	433	722	450	701	526	621	559	531	631	450	702	429	727	437	731
9	504	704	534	618	603	529	637	448	709	433	721	451	700	527	620	600	530	632	449	703	429	728	438	730
10	505	703	535	617	604	527	639	447	710	433	721	452	659	528	618	601	528	633	448	704	429	728	439	730
11	506	702	536	615	605	526	640	446	711	433	721	453	658	529	616	602	527	634	447	705	429	729	440	729
12	507	701	537	613	606	524	641	445	712	433	721	454	657	530	615	603	525	635	446	706	429	729	440	729
13	508	659	538	612	607	523	642	444	713	433	721	455	656	532	613	604	523	636	445	706	429	730	441	728
14	509	658	539	610	608	521	643	443	713	434	720	456	654	533	612	605	522	637	444	707	429	730	442	728
15	510	657	540	608	609	520	644	443	714	434	720	457	653	534	610	606	520	638	443	708	429	730	442	727
16	511	655	540	607	610	518	645	442	715	434	719	458	652	535	608	607	519	639	442	709	429	731	443	727
17	512	654	541	605	611	517	647	441	715	435	719	459	650	536	607	608	517	640	441	710	429	731	444	726
18	513	652	542	603	613	515	648	440	716	435	719	500	649	537	605	609	516	641	440	711	429	731	445	725
19	514	651	543	602	614	514	649	440	717	435	718	502	648	539	604	610	514	642	439	712	429	732	446	725
20	515	650	544	600	615	512	650	439	717	436	718	503	646	540	602	611	513	643	439	713	430	732	447	724
21	516	648	545	558	616	511	651	438	718	436	717	504	645	541	600	613	512	644	438	714	430	732	447	723
22	517	647	546	557	617	510	652	438	718	437	716	505	644	542	559	614	510	645	437	715	430	732	448	722
23	518	645	547	555	618	508	653	437	719	437	716	506	642	543	557	615	509	646	436	716	430	732	449	721
24	519	644	548	553	619	507	654	437	719	438	715	507	641	544	555	616	507	647	436	716	431	733	450	721
25	519	642	549	552	620	506	656	436	720	438	714	509	639	546	554	617	506	648	435	717	431	733	451	720
26	520	641	550	550	621	504	657	436	720	439	714	510	638	547	552	618	505	649	435	718	431	733	452	719
27	521	639	551	548	622	503	658	435	720	440	713	511	636	548	550	619	503	650	434	719	432	733	453	718
28	522	638	552	547	624	502	659	435	721	440	712	512	635	549	549	620	502	652	433	720	432	733	454	717
29	523	636	553	545	625	500	700	434	721	441	711	513	634	550	547	621	501	653	433	721	432	733	454	716
30	524	634	554	544	626	459	701	434	721	442	710	515			546	622	459	654	432	721	433	732	455	715
31	525	633			627	458			721	443	709	516			544	623			432	722			456	714

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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

Hunters Helping the Hungry

expands to include Monmouth and Ocean counties

Last year hunters donated 11,095 pounds of venison to food banks serving the northwest section of New Jersey. The Federation of Sportsmen Clubs, NORWESCAP Food Bank and the Division of Fish Game and Wildlife and have joined in a cooperative effort to see that venison donated by sportsmen is distributed to needy feeding programs in Hunterdon, Warren and Sussex Counties. Sharing the harvest from a successful hunt is a hunter's tradition that is linked back to early civilization. Because of the overwhelming response by sportsmen and women, this year it will be even easier to donate deer to the food bank. Some cooperating butchers this year have agreed to be check stations for deer that are donated to the food bank or left for butchering. Now the hunter can check the deer and donate it all at one location.

The other change this year is the expansion of the Hunters Helping the Hungry program to Ocean and Monmouth Counties. The Food Bank of Monmouth and Ocean Counties is located in Spring Lake and serves food pantries and shelters in those counties. Both of these agencies are non-profit Second Harvest Network agencies. Sportsmen and women who donate a deer to one of these agencies are asked (but not required) to provide a contribution of cash to help offset the cost of butchering. If you cannot contribute funds, you will still be making a valuable contribution to persons in need by donating deer.

NORWESCAP Food Bank and the Food Bank of Monmouth and Ocean Counties are private non-profit organizations that distribute donated food to hunger abatement programs. This is an important community effort, funded by public and private support.

This year's expanded deer seasons in zones 7,8,10,11, 12 and 41 reflect the deer population in Hunterdon, Mercer and Warren counties. Sportsmen and women who hunt in these zones are being asked to make an extra effort to harvest antlerless deer this year. These liberal deer seasons, some of the most liberal seasons in the entire country, are a result of the great numbers of deer in that area and the impact the deer have had on agriculture, native vegetation and the number of car deer accidents.

Sportsmen who need only one deer should continue to harvest

antlerless deer in these zones and contribute surplus deer to the Hunters Helping the Hungry program. Donating venison is as easy as checking in your deer since certain butchers have agreed to be check stations for donated deer.

Participating Butchers

John Person

Lebanon, NJ, (908) 735-4646
Bishop's Market, Whitehouse Station,
NJ, (908) 534-9666

* V. Roche & Son

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** Pounds and Ounces

156 East Main St., Tuckerton,
NJ 08087, (609) 294-0808

* A & A Country Butchers

51 So. Lincoln Ave., Washington,
NJ, (908) 689-5537

The Meat Factory

1251 Yardville-Allentown Rd., Allentown,
NJ 08501, (609) 259-6335

* Check station

** Can only accept deer that have been checked in and skinned.

To donate to NORWESCAP Food Bank Venison Fund, make check payable to NORWESCAP Food Bank Venison Fund and send to: 201 N. Broad St., Phillipsburg, NJ 08865. For questions call Cathy Rummel at 908-454-4322. In Monmouth or Ocean counties send donations to Food Bank of Monmouth/Ocean Counties Venison Fund, 516 Passaic Ave., Spring Lake, NJ 07762. For questions call Brooke Tarabour at 732-974-2265.

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, Game & Wildlife



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 ____/____/____

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