

**2009 – 2010
Rhode Island
Hunting and Trapping
Abstract**



**RI DEM
Division of Fish and
Wildlife
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**Rhode Island Division of Fish and Wildlife
2009 - 2010 Hunting and Trapping Abstract**

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Cover photo : Bear a black lab, after a successful RI pheasant hunt in 2003, was a member of the F&W staff for years serving as an official greeter and helpful assistant at the first Youth Pheasant day in 2008. (RIP1998-2008)

RIDEM Division of Fish and Wildlife

Mission Statement

Our mission is to ensure that the Freshwater, Marine and Wildlife resources of the State of Rhode Island will be conserved and managed for equitable and sustainable use.

Hunting Abstract

This Hunting Abstract is a summary of the rules, regulations, seasons and bag limits for the 2009-2010 Rhode Island hunting season. For more detailed information, see the General Laws of Rhode Island, obtainable in most public libraries. A complete copy of the Hunting Regulations for the 2009-2010 Season can be viewed online at:

<http://www.dem.ri.gov/pubs/regs/regs/fishwild/hunt0910.pdf>

or copies are available by contacting the Division of Fish and Wildlife.

Regulation Changes 2009

1. **All Outdoors (AO) Package Permit:** Allows hunters to take up to 12 deer on the mainland during the established season. Archers will be allowed to take up to six (6) total either sex deer in any combination (2-AO, 4-either sex) during the established season plus six (6) antlerless deer. Muzzleloader and shotgun hunters will be allowed to take up to four (4) either sex deer (2-AO, 1-either sex each) during their established season plus six (6) antlerless deer.
2. **Earn a Buck permit:** allows Archers one additional either sex deer permit upon taking and checking two (2) antlerless deer.
3. **Hunter orange:** Archers are exempt for wearing in areas of the state limited to Archery only by regulation.

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Definitions

1. **Antlerless deer** - deer having no antlers or antlers less than three (3) inches in length.
2. **Bearded turkey** - a turkey that carries a visible beard, i.e., a tuft of stiff filament-like feathers projecting outward and downward from the center of the chest.
3. **Box trap** - any trigger operated device intended to restrain an animal by confinement in box or cage.
4. **Conibear-type trap** - "conibear" model traps and similar body-gripping traps and devices, whether or not enclosed in or comprising part of a box, tube, or other enclosing device.
5. **Crossbow** - a bow and string (either compound or re-curve) that launches an arrow, mounted upon a stock, with a trigger unit that holds the string and limbs under tension until released. The trigger unit must have a working safety.

Definitions

7. **Daylight fluorescent orange** - the color orange having a dominant wave length between 595 and 606 nanometers, an excitation purity not less than 85 percent, and a lumination factor not less than 40 percent.
8. **Driving deer/cooperative drive** - to pursue, drive, chase, or otherwise frighten or cause a deer to move in a direction toward a person or persons known to be waiting for a deer.
9. **Paraplegic** - an individual afflicted with paralysis of the lower half of the body with involvement of both legs.
10. **Proficiency testing** - the measurable demonstration of skills with bows and arrows or use of firearms using a set of standards as determined by the hunter education program.



“It is the policy of the Rhode Island Department of Environmental Management to offer its services and accommodations to all orderly persons, and, as required, to all properly licensed persons, without regard to race, religion, color, national origin, ancestry, sex, age, or disability.” If you believe that you have been discriminated against in any program, activity, facility, or if you desire further information, please write to the Office for Equal Opportunity, U.S. Department of the Interior, Office of the Secretary, Washington, D.C. 20240.

Licenses and Permits

No person shall hunt, pursue, take or kill any wild bird or animal in the state without first having obtained a Rhode Island hunting license (RIGL 20-13-1). Hunters must have a license in possession, on their person, at all times and shall present it for inspection to any authorized person demanding same. Failure to present a license shall make a person liable to the same penalties as if he or she was hunting without a license (RIGL 20-2-9). Licensed hunters and trappers are subject to inspection of any boat, vehicle, game bag, blind, stand, or other paraphernalia used in conjunction with licensed activity (RIGL 20-2-32). Licenses may be suspended or revoked because of violations of hunting rules and regulations (RIGL 20-2-13).

The possession of a valid Rhode Island hunting, or combination hunting and fishing license, shall serve as a permit to hunt State Management Areas (RIGL 20-18-2 and 20-18-3). This permit shall be valid only from the first day of season to the last day in February and spring turkey season except when check stations are in operation or when special permits are required for deer, waterfowl, or turkey hunting on state lands. The carrying of firearms on state management areas at any other time is prohibited.

Hunting Licenses are available from DEM Division of Licensing at 235 Promenade St., Providence, RI 02908 (401) 222-3576; most city and town clerks (licenses only); most sporting goods stores; and <http://www.dem.ri.gov/>. To replace a lost or stolen license or permit, contact DEM Division of Licensing.

Resident Hunting (must be 15 years old) ¹	\$18.00
Combination (Hunting & Fishing)	\$33.00
Non-Resident Hunting (must be 15 years old) ¹	\$45.00
Non-Resident (3-day hunting) Tourist License	\$16.00
Permanent Resident combination (over 65 or disabled)	No fee ³
Resident and Non-Resident active military personnel	\$18.00
Resident Deer ²	\$12.50
Non-Resident Deer ²	\$25.50
Turkey Permit (Resident)	\$7.50
Turkey Permit (Non-Resident)	\$20.00
RI Waterfowl Stamp	\$7.50
RI Pheasant Stamp, Resident and Non-Resident	\$15.50
RI HIP Permit	No fee
All Outdoors Package Permit (Resident)	\$112.50
Crossbow permit for disabled.....	no fee
Fur Buyer (Resident)	\$10.00
Fur Buyer (Non-Resident)	\$30.00
Shooting Preserve	\$25.00
Shooting Preserve Hunting License	\$3.50
Trapping (Resident)	\$10.00
Trapping (Non-Resident) if reciprocal privileges allowed..	\$30.00

¹NOTE: A Junior Hunting License is available for persons age 12-14 years of age upon completion of Hunter Safety Course. Must hunt in immediate company of adult, 21 years of age or older, holding valid RI Hunting License.

²Individual seasonal permits required for each deer hunted.

Any resident reaching 65 years may obtain a free permanent license from the offices of the DEM or any city or town clerk. Permanent disability licenses are available at the offices of the DEM.

Hunter Safety Course Requirements & Licensing

Persons applying for a hunting license or archery permit for the first time or not having been a member of the armed forces must complete a course in safe hunting or archery practices and have been issued a Certificate of Proficiency to obtain a license. Applicants must present a valid hunter safety card from Rhode Island or other state, or possess a previous RI hunting license. A list of hunter safety instructors, dates, and locations of classes is available from the Hunter Safety Office: (401) 789-3094

Special Permits

Special Hunting Permits are available at no extra fee through DEM Division of Fish & Wildlife, Great Swamp Field Headquarters, 277 Great Neck Rd, W. Kingston, RI 02892 (401) 789-0281.

Beaver trapping permit
Burlingame North Camp hunting permit
Early Canada Goose Hunting permit – The facsimile duck stamp on the permit is your temporary duck stamp until Oct. 1
Fisher trapping permit
Francis Carter Cooperative deer permit
Great Swamp Waterfowl Impoundment hunting permit
Grills Preserve hunting permit
Late Season Canada goose hunting permit
Northwest Cooperative Hunting Area deer permit
South Shore Mgt Area goose hunting permit
State lands trapping permit

Migratory Bird Harvest Information Program (HIP)

The HIP program was designed to aid state and wildlife agencies and the US Fish & Wildlife Service (USFWS) better information on managing our nation's migratory bird resources. All migratory bird hunters need to obtain a permit and answer a small survey. HIP permits are available through all license vendors and DEM.

Legal Shooting Hours

Small Game:	Sunrise until Sunset (7:00 on opening day)
Deer Hunting:	1/2 hour before Sunrise to 1/2 hour after Sunset
Coyote:	1/2 hour before Sunrise to 1/2 hour after Sunset
Raccoon:	6:00PM 10/1/09 until Midnight 2/28/10
Waterfowl:	1/2 hour before Sunrise until Sunset
Spring Turkey:	1/2 hour before Sunrise until 1:00PM
Fall Turkey:	1/2 hour before Sunrise until Sunset
Dove (1st segment):	Noon to Sunset
Dove (2nd –3d segment):	Sunrise to Sunset
Woodcock:	1/2 hour before Sunrise until Sunset

Prohibited Activities

1. No loaded rifles or shotguns in or on vehicles (RIGL 20-13-8).
2. No shooting at, hunting, or pursuing game along, upon, or across a public highway (RIGL 20-13-9).
3. No hunting while under the influence of intoxicating liquor or drugs (RIGL 20-13-10).
4. It is a violation of law, punishable by a fine and imprisonment, to fire "into" land for which one does not have landowner permission.
5. No hunting on posted land or state parks, removing or defacing posters thereon, or doing willful damage to property (RIGL 11-44-4,5).
6. No more than five persons to hunt in unison (RIGL 20-13-11).
7. Target or trap shooting on state lands is only allowed on provided ranges (RIGL 32-2-4).
9. Shooting at any animal at anytime while such animal is on a telephone or electric line, pole, or tower or any communication device (RIHR 15.8).
10. Casting of Rays prohibited from October 1 – January 31, 2009.

Shooting Restrictions

1. The use of laser sights or night vision on any firearm or bow while hunting is illegal (Regulation 14.11).
2. No lead shot larger than No. 2 at any time, except shotgun season for deer (RIGL 20-13-13).
3. No rifles larger than .22 caliber rimfire at any time; however, from Apr. 1 to Sept. 30, (both dates inclusive), centerfire rifles no larger than .229 caliber may be used during daylight hours (RIGL 20-13-13).
4. Discharge of a firearm, including crossbows, within 500 feet of an occupied dwelling without written permission.
5. Archery deer hunting, within 200 feet of an occupied dwelling.

Wildlife Restrictions

1. The importation, exportation, possession, liberation, or sale of any mute swan and/or eggs thereof, or live pen-reared or hybrid wild turkey and/or eggs thereof (Regulations 14.2, 14.3).
2. Importing of live birds or animals without permit (RIGL 20-17-9).
3. Taking of birds by any method other than shotgun, bow and arrow, or falconry without permit (RIGL 20-14-17).
4. The sale of game, except as provided (RIGL 20-13-14).
5. Spotlighting for wild animals and birds is prohibited on both Prudence Island & Patience Island, from October 1 – January 4, and at all times on Block Island.
6. Spotlighting is prohibited on the mainland from Oct. 1-Jan. 31.

Important Laws and Regulations Pertaining to Wildlife

The Lacey Act of 1900, the first federal game law, regulates interstate and international commerce in wildlife. The term “wildlife”, for the purposes of the act, means any wild animal, wild bird, amphibian, reptile, mollusk, or crustacean, or their dead bodies, parts, eggs, or offspring, but does not include migratory birds for which protection is afforded under the Migratory Bird Treaty Act. Briefly, action can be taken against anyone who transports, ships, or sells wildlife in interstate or foreign commerce contrary to state or foreign laws, or transports any package not properly labeled or tagged.

The Migratory Bird Treaty Act, signed in 1918, includes agreements between the United States, Canada, Great Britain, Mexico, Japan, and Russia for the protection of migratory bird populations. Migratory birds are protected by the federal government with provisions allowing state regulation. All birds, their parts, nests, and eggs are protected, except as provided by open hunting seasons. Refer to Rhode Island waterfowl abstract for more information.

Reptiles and Amphibians

The removal from the wild, for any purposes, of any reptile or amphibian (to include eggs or nest) except bullfrogs, green frogs and snapping turtles is prohibited except by special permit (RIHR 12.1). The release into the wild of any non-native reptile or amphibian is prohibited.

The following species of reptiles and amphibians (to include eggs or nests) are protected and possession without permit is prohibited at all times: Timber rattlesnake, *Crotalus horridus*; northern diamondback terrapin, *Malaclemys terrapin*; wood turtle, *Clemmys insculpta*; eastern box turtle, *Terrapene carolina*; spotted turtle, *Clemmys guttata*; and bog turtle, *Clemmys uhlenbergi* (RIHR 12.2). The taking of snapping turtles at any time shall be limited to the following methods: turtle traps, snagging, snaring, grabbing, jugging, bow and arrow, or while legally fishing. Traps and jugs must carry the trapper's name and address (Regulations 12.1, 12.2).

Fluorescent Orange Requirements

Fluorescent orange safety clothing is required during the hunting season statewide for all hunters. To meet this requirement, safety clothing must be **solid** daylight fluorescent orange. Fluorescent camouflage does not meet this requirement. The hunter orange must be worn above the waist and be visible in all directions. Examples are: a hat that covers 200 square inches or combination of hat and vest covering 500 square inches.

1. 200sq. in. by small game hunters during the small game season.
2. 200sq. in. by fall turkey hunters while traveling.
3. 200sq. in. by muzzleloader hunters during the muzzle-loading deer season and concurrent shotgun season.
4. 200sq. in. by archers when traveling to/from stands during the muzzle-loader deer season only.
5. 500sq. in. by *all hunters* (including archers) *and all users of management areas and undeveloped state parks* during *all portions* of shotgun deer seasons.

Pop-up blinds are allowed for deer hunting as long as proper fluorescent clothing is worn.

Exemptions: Specifically, waterfowl hunters while hunting from a boat or a blind, over water or field, when done in conjunction with decoys; crow hunting over decoys, spring turkey hunters, first segment dove hunters, not required in areas limited to Archery by regulation.

ALL OTHER USERS:

In addition to the above hunter requirements, all other users (hikers, bicyclists, horseback riders, etc.) of State Management areas are required to wear 200 square inches of solid daylight fluorescent orange from the third Saturday in October to the last day of February and the last Thursday in April to the last day in May, annually.

Small Game Hunting

Species	Dates	Bag limit
Red, Gray Fox	10/17/09 – 2/28/10	none
Gray Squirrel	10/17/09 – 2/28/10	5 daily
Cottontail Rabbit	10/17/09 – 2/28/10	3 daily
Hare	10/17/09 – 2/28/10	1 daily
Ruffed Grouse	10/17/09 – 11/29/09	1 daily
Quail	10/17/09 – 11/29/09	3 daily
Pheasant	10/17/09 – 1/20/10	2 daily
Junior Pheasant:	10/10/09 – 10/11/09	2 daily
Raccoon:	10/01/09 – 2/28/10	unlimited

Management Areas

Small game hunters are required to check in and out of the state operated check stations at Great Swamp, Arcadia, Durfee Hill, and Carolina management areas on the following dates: Oct. 17 & 18, 24 & 25, and Oct. 31 & Nov 1, Nov 7 & 8. Check station hours are ½ hour before sunrise to sunset.

Pheasant hunting: Pheasants are stocked prior to opening day through the end of December. Stocked management areas are: Arcadia, Black Hut, Big River, Buck Hill, Carolina, Durfee Hill, Great Swamp, Nicholas Farm, Seapowet, Simmons Mill Pond and 8 Rod Farm.

The daily limit for pheasant is 2 either sex birds. Each pheasant must be tagged immediately upon taking. Hunters may purchase unlimited permits. Each permit allows taking of 6 pheasants. Ruffed grouse hunting is CLOSED in Arcadia

Jr. Pheasant – Oct. 11-12. Registration required by Sept 11, 2009 Limited slots. Call 789-0281 for application and information.

Restrictions:

The small game season is closed during the shotgun deer season (Dec. 5 - 13, 2009) except:

State management areas will remain open to small game hunting during the private land shotgun deer season, Dec. 14 - 20, and Dec. 26, 2009—Jan 2, 2010.

Muzzle-loading rifles, no greater than .40 caliber with round ball and patch, may be used for hunting small mammals during established seasons.

Night hunting of raccoons with shot larger than No. 4 or rifles large than .22 cal. rimfire long-rifle is prohibited.

Block Island Pheasant Hunting

Pheasant hunting is open on Block Island, **with written permission**, on Nov. 18, 25; Dec. 2, 9, 16, 23, 30, 2009; and Jan. 6, 20, 27, 2010. Cocks only may be taken from Block Island.

Air gun rifles are permitted to hunt the following small mammals: squirrels, woodchucks, cottontail rabbits, and snowshoe hare, provided that the air guns are a minimum of .177 caliber and not larger than .22; a **minimum of 750 fps velocity with pellets 7.5 grain or larger.**

Migratory Game

<u>Species</u>	<u>Dates</u>	<u>Bag limit</u>
Dove:	9/19/09 – 10/3/09	12
	10/17/09 – 11/15/09	
	12/24/09 – 1/7/10	
Rails:	9/5/09 – 11/13/09	1
Snipe:	9/5/09 – 11/13/09	5
Woodcock:	11/1/09 – 11/30/09	3
Crow:	8/14/09 – 10/4/09	Fri, Sat, Sun only Inclusive
	10/17/09 – 11/22/09	
	12/18/09 – 4/19/10	
Canada Goose:	9/1/09 – 9/30/09	15
Sea Duck:	10/10/09 – 1/24/10	5

Federal law requires that migratory game bird hunters use a shotgun that is capable of holding no more than three (3) shells. The methods of taking migratory birds and waterfowl are the same as the U.S. Code of Federal Regulations (50 CFR part 20). Refer to Waterfowl Abstract for additional regulations. Special DEM Permit required to hunt September Goose Season (available at Great Swamp).

Non-Toxic Shot Requirements: No person shall take or attempt to take waterfowl, rails, or snipe within the State of Rhode Island, including Narragansett Bay and its coastal waters, to the three mile limit, while possessing shells loader with any shot other than non toxic shot and other shot as approved by USFWS. **All non-toxic shot larger than BB is prohibited, including duplex loads containing shot larger than BB.**

Coyote Hunting

1. State land shall be from the beginning of dove hunting season in September to February 28th inclusive and during the open spring turkey-hunting season. Prudence Island during established seasons with associated equipment.
2. During the firearm deer & spring turkey seasons, coyote hunters must possess a deer & turkey hunting permits while hunting on state lands and on Prudence Island with an archery deer permit.
3. Coyote hunters on state lands must wear a minimum of 200 square inches of fluorescent orange while traveling to and from hunting locations during the small game season. During the shotgun deer season, 500 square inches is required.
4. The placement or use of bait or carcasses for purposes of hunting coyotes on state lands is prohibited
5. Shooting hours 1/2 hour before sunrise until 1/2 hour after sunset

Wild Turkey

Season	Dates	Bag limit
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Fall Archery:	10/ 01/09-10/28/09	1 either sex bird
Spring Gobbler:	4/29/10-5/25/10	1 bearded bird
Junior & Paraplegic	4/24 - 4/25, 2010	1 bearded bird

General Rules and Regulations:

1. Areas open to hunting restricted to: Providence County; Kent County; Washington County (except New Shoreham); Tiverton, and Little Compton in Newport County.
2. Limited to: shotguns, gauges 10, 12, 16, and 20 only, with shot sizes 4, 5, and 6 magnum loads only; and archery equipment consisting of a long-bow (straight limb, reflex, recurve and compound bow) of not less than forty (40) pounds pull.
3. Arrows must be broadhead, with at least two cutting edges seven-eighths inches (7/8") or greater at the widest point. A bow string release device where the bow is hand held, hand drawn and finger released is allowed.
4. Hunters must carry a turkey-calling device (non-electric) while hunting. Calling is the only legal method for hunting wild turkey gobblers. The use of decoys while hunting is allowed.
5. Junior turkey hunting weekend open to all 12-14 year olds with a valid hunting license and accompanied by an unarmed licensed adult, 21 or older.

A mandatory hunter survey card will be issued to each person purchasing a turkey permit. This survey information is vital to the turkey management program in Rhode Island and assists DEM biologists in maintaining a successful wild turkey season for our hunters. Please, we request your cooperation in returning the hunter survey card, whether or not you hunted or were successful.

Prohibited:

1. The use of any other firearm, live decoy(s), dog(s), baiting, cooperative drive(s).
2. Electric calling devices, or any other devices, to capture or ensnare turkeys.
3. The shooting of turkeys from the roost.
4. Stalking or attempting to sneak up on a turkey to get a shot.

The hunting, killing, taking, or attempting to take or possess, any wild turkey by any individual unless they possess a permit to do so. However, a person having a valid Rhode Island hunting license may call turkeys for individuals with a valid turkey permit.

Trapping

Species	Dates	Bag limit	Pelt Tagging
Mink, Muskrat, Skunk, Raccoon, Opossum, Weasel, Red Fox, Gray Fox, Rabbit	11-1-09 to 1/31/10	None	no
Coyote	Private-no closed season State land:11/1/09-1/31/10	None None	no
Beaver*	Private: 11-1-09-2/28-10 State Land: 12/1/09-2/28/10	20 total	yes
Fisher*	12/1/09—12/21/09	4	yes

* Special permit required in addition to RI trapping license, which may be obtained at Fish and Wildlife's Great Swamp Field Headquarters (401)789-0281

General Regulations

1. No person shall set, maintain or tend any trap without first obtaining a trapping license from the Department of Environmental Management. A resident of this state may set traps on property which they own and on which they are domiciled without obtaining a trapping license. (20-16-7)
2. Every holder of a trapping license will be provided with a trapping harvest report card that must be returned to the Division of Fish and Wildlife within 30 days of the end of the trapping season. Failure to return the card will result in denial of trapping license renewal. (20-16-12)
3. Traps may not be set, staked, or placed prior to 8:00 AM opening day.
4. All traps must have at a minimum the trapper's current RI trapping license number attached by a metal tag or embedded or cut into the trap. (20-6-7)
5. Written landowner permission is required to trap on private land. (20-16-9)
6. All traps must be checked at least once in every 24-hour period. (20-6-9)
7. There is no open season on bobcat (*Lynx rufus*) or river otter (*Lontra canadensis*).

Types of traps permitted:

Furbearers for which there is an open season may taken in: box (a.k.a. “cage”) traps, body-grip (a.k.a. “conibear”) traps, or species specific traps, with the following restrictions:

Body-grip traps:

Private land: Body-grip (a.k.a. smooth wire or “conibear”) type traps up to 6 ½” jaw spread (i.e. “110, 120, 160” or equivalent) are permitted on land or in water on private land. Body-grip type traps greater than 6 ½” but not exceeding 8” jaw spread (“220”) may only be set if completely submerged in water or set no less than six (6) feet above the surface of the ground. Body-grip traps greater than 8” but not exceeding 10” jaw spread (“330”) may only be set completely submerged in water.

State land: Body-grip traps up to 6 ½” jaw spread are only permitted in water sets (i.e. all or a portion of the trap in water) or if placed six (6) feet above the ground. Body-grip traps with a jaw spread greater than 6 ½” but not exceeding 10” (“220-330”) may only be set if completely submerged in water.

Box traps: The use of box traps is permitted on private and state lands. Species specific traps The use of species specific traps is permitted on private and state land. A **species specific trap** is characterized by all of the following: triggering and restraining mechanisms are enclosed within a housing; triggering and restraining mechanisms are only accessible through a single opening when set; access opening does not exceed 2 inches in diameter; triggering mechanism can only be activated by a pulling force; has a swivel mounted anchoring system.

Permit to trap state lands: All trappers harvesting furbearers from state management areas must obtain a special permit (no fee), issued by the Division of Fish and Wildlife, Great Swamp Field Headquarters in addition to their current RI trapping license.

Prohibitions

1. The use of poisons or snares. (RIGL 20-16-6).
2. The use of steel-jawed leghold traps (RIGL 20-16-8).
3. No person shall disturb, tend, or possess a trap of another, or take a furbearer animal from the traps of another unless specifically authorized to do so. (RIGL 20-16-12).
4. The setting of traps within ten feet of a beaver lodge or bank den or within eight feet of a muskrat lodge unless authorized by special permit.
5. The taking or possession of a road-killed furbearer (RIGL 20-16-1), unless with a current RI trapping license and during the open season for that species or as provided for under a current RI Scientific Collectors Permit (RIGL 20-1-18) or otherwise permitted by the Division.
6. The relocation of beaver.

State Lands

There are over 48,000 acres of land designated as state management areas in Rhode Island. Maps of management areas are available from the Rhode Island Division of Fish and Wildlife at the Great Swamp Field Office. Regulations are designed and enforced to allow all outdoor enthusiasts to safely enjoy these land holdings. Hunting and trapping is allowed during the open seasons. In order to effectively manage and safeguard these open areas for people, wildlife, and habitat, the following regulations are to be adhered to while on state management areas:

1. All state management areas will be closed to all hunting, Oct. 12-16, 2009 except waterfowl hunting, as provided, and bow hunting for deer
2. Except for fishing, hunting, launching, and/or mooring of boats, all management areas are closed ½ hour after sunset to 5:00 a.m., except by written permit. (RIGL 32-2-4)
3. Camping is prohibited on all areas with the exception of portions designated at Arcadia and George Washington Management Areas (*contact the Division of Forest Environment for camping information*).
4. The use of motorcycles is prohibited except in designated portions of Arcadia Mgt. Area.
5. The use of ATVs is prohibited statewide.
6. The blocking of any gate, road, or access in State Management Areas is prohibited and subject to fines (RIGL 32-2-4).
7. Horseback riding is prohibited in the Great Swamp Management Area during small game and shotgun deer season (RIGL 32-2-4).
8. Groups consisting of 10 or more persons must obtain a group use permit available from the Division of Fish & Wildlife, 4808 Tower Hill Rd, Wakefield, RI 02879.

Dogs on Management Areas: No dogs shall be trained, run, exercised or be permitted to run at large on state management areas from March 15-August 15, inclusive, without written permission of the Director or authorized representative, except in specified dog training areas (below). Walking of dogs on a leash of not more than twenty-five (25) feet in length shall be permitted on roads and trails only. All dogs must be wearing a collar with the name and address of the owner or handler and license tag.

Special Dog Training Areas: Dog training is allowed in designated areas located within Arcadia Management Area (Midway Trail) in Exeter, Nicholas Farm Management Area (north of Trestle Trail) in Coventry, and Black Farm Management Area in Hopkinton from January 1 to September 30, from sunrise to sunset. The use of live birds is by special permit only. A hunting license is required when training dogs on wild game on state management areas, except when participating in state sanctioned field trials. Call Fish & Wildlife at 789-0281 for complete dog-training regulations, including training area maps.

Wildlife Management Areas - Public Hunting

<i>WMA</i>	<i>Town(s)</i>	<i>Acres</i>	<i>Boating</i>	<i>Developed Access</i>	<i>Turkey</i>	<i>Pheasant</i>	<i>Small Game</i>	<i>Waterfowl</i>	<i>Deer</i>
Arcadia	Exeter	13357	X	X	X	X	X	X	X
Big River	W.Greenwich	8312	X	X	X	X	X	X	X
Black Farm	Hopkinton	240		X	X		X	X	X
Black Hut	Burrillville	1527	X	X	X		X	X	X
Buck Hill	Burrillville	1777	X	X	X	X	X	X	X
Burlingame	Charlestown	2417		X	X		X	X	X
Carolina	Richmond	2198	X	X	X	X	X	X	X
Durfee Hill	Glocester	1174	X	X	X	X	X	X	X
GWashington	Burrillville	3248	X	X	X		X		X
Great Swamp	S. Kingstown	3475	X	X	X	X	X	X	X
Curran	Cranston	300	X	X	X				X
Killingly	Glocester	397			X		X		X
Newton	Westerly	78						X	
Nicholas	Coventry	1557	X	X	X	X	X	X	X
Prudence	Portsmouth	1755					X		X
Patience	Portsmouth	209					X		X
Rockville	Hopkinton	996	X	X	X		X	X	X
Round Top	Burrillville	136		X	X		X		
Eight Rod	Tiverton	418	X	X		X	X		X
Sapowet	Tiverton	254	X	X		X		X	
Simmons Mill	Little Compton	445	X	X	X	X	X	X	X
South Shore	S. Kingstown	236		X	X			X	X
Succotash	S. Kingstown	134	X	X				X	
Tillinghast	W.Greenwich	1700	X	X	X			X	X
Wickaboxet	W.Greenwich	679		X	X		X		X
Woody Hill	Westerly	734	X	X	X		X	X	X
Total		47753							

Deer Hunting Seasons

SL -State land PL-Private land

<u>Season</u>	<u>Dates</u>	<u>Bag limit</u>
<u>Archery</u>		
Mainland:	10/1/09-1/31/10	1 either sex SL/PL 2 antlerless
Junior Archery:	9/19/09-9/20/09	
Archery Jamestown:	10/1/09- 1/31-10	1 either sex 2 antlerless
Archery		
Prudence/Patience:	10/30/09-1/16/10	1 either sex -SL/PL 1 antlerless- PL
Paraplegic		
Prudence/Patience:	10/13/09-10/16/09	by special permit
Junior Archery		
Prudence/Patience:	10/17/09-10/18/09	
Archery		
Block Island:	October 13-16, 19-23, 26,28,29,30 November 2-6, 9,10,12,13, 16,17,19,20	5* either sex-PL *additional permits may be purchased
<u>Muzzleloader</u>		
Mainland	11/4/09-11/29-09 12/26/09-1/2/10	1 either sex SL/PL 2 antlerless antlerless only SL/PL
Jamestown/ Aquadneck	11/4/09-11/29/09 & 12/26/09-1/2/10	1 either sex PL 2 antlerless
Block Island	November 16,17,19,20	5*either sex PL *additional permits may be purchased
<u>Shotgun</u>		
Mainland	12/5/09-12/13/09 12/14/09-12/20/09 12/26/09-1/2/10	1 either sex SL/PL 2 antlerless either sex PL antlerless PL
Jamestown/ Aquadneck	12/5/09-12/20/09 12/26/09-1/2/10	1 either sex PL 2 antlerless antlerless PL
Block Island:	November 23,24 December 1, 3, 4, 7,8,10,11,14,15,17,18,21,22 January 4,5,7,8,11-15,19,21,22,25,26,28,29, 2010 February 1-5, 8-12, 22-26, 2010	5*either sex PL only *additional permits may be purchased

Deer Hunting

All Outdoors Permit Package:

Hunters may purchase one (1) "All Outdoors Package Permit" for the **MAINLAND** deer seasons to take up to 12 deer during the established mainland seasons. Available from DEM Division of Licensing only :

1. Archers will be allowed to take up to six (6) total deer of either sex in any combination (2-AO permits, 4-either sex permits) during the established season plus six (6) antlerless deer.
2. Muzzleloader and shotgun hunters will be allowed to take up to four (4) either sex deer (2-AO permits, 1-either sex permit each) during their established season plus six (6) antlerless deer

Written Permission

Annual written landowner permission is required for deer hunting on private land (RIGL 20-15-1) during the deer season. It is not required that deer permits (tags) be signed by the landowner, provided the hunter has other written permission in possession. Deer permits (tags) must be carried while hunting. Annual written permission must be shown to any authorized person upon demand, and must be presented when checking a deer (Regulation 1.8).

Tagging and Checking

Deer must be tagged, with a valid deer permit (tag) for the appropriate season, immediately upon taking. All deer must be checked at a state operated check station, by approved vendors, or by an Environmental Police officer within 24 hours. During the shotgun and muzzleloader deer seasons all deer must be checked at a state operated check station during the first three days of the season. All other deer may be checked at approved vendor check stations for the remainder of the seasons. On the final day of the season, deer must be checked by 6:00pm.

Deer Hunting Methods

1. **Shotgun:** limited to 10, 12, 16, and 20 gauges, plugged to 5 shell maximum. Buckshot is limited to 00 buck or larger and is prohibited in 20 gauges. No other shot but buckshot, sabot rounds, or rifled slug shall be carried or had in possession by any person while hunting deer. Muzzleloader may be used in shotgun season with a valid shotgun deer permit
2. **Muzzleloader:** Firearms are limited to single or double barrel flint-lock, caplock, inline ignition system muzzle-loading shotgun or rifle only. Muzzle-loading rifles are limited to .45 caliber or larger. Smoothbore firearms limited to .50 caliber or 20 gauge or larger. Ammunition is limited to single lead projectile of the same caliber as the firearm. Sabot rounds either lead or jacketed permitted on .43 caliber or larger. Powder limited to black powder or approved substitutes. A muzzleloader is considered unloaded when cap or pan powder is removed.
3. **Archery:** Archers must use a long bow, recurve or compound bow capable of not less than forty (40) pounds at peak draw weight. Only broadhead tipped arrows with at least two (2) metal cutting edges are allowed. All broadheads must be 7/8th or greater at the widest point. Mechanical broadheads are allowed provided that 1.) bow minimum draw weight is 50 pounds and 2.) mechanical broadhead when open is 7/8th wide minimum. Mechanical devices for drawing or releasing the arrow are not allowed for general archery deer hunting (see crossbow/aid below). A bow string release whereby the bow is hand held, hand drawn, and finger released is permitted.
4. **Crossbow and Adaptive Aid permit:** RIGL 20-15-2 states that crossbow or adaptive aid permits for conventional bows, may be issued to those persons who have a permanent physical impairment due to injury or disease, congenital or acquired, which renders them so severely disabled as to be unable to use a conventional bow and arrow device. For those 65 and older, the use of adaptive aids for conventional bows is permitted without permit. Applications require a doctor's note certifying permanent disability as well as copies of photo id, hunting license, hunter safety course and Bowhunter education course. Crossbow hunters from the previous year must reapply, but do not require a doctor's note. **Applications can be obtained from the DEM Division of Licensing. Return applicants must submit a copy of their hunting license and a photo ID.**
5. **Crossbow Equipment:** Must use a minimum draw of one hundred fifty (150) pounds, minimum width of 24 inches. Expandable broadheads meeting the specifications outlined above in archery equipment are permitted.
6. Only one firearm or bow may be possessed in the field per individual hunter while hunting deer. Check local ordinances, for there may be other restrictions in specific towns.

Prohibited Activities

1. The use of decoys or electronic calls. The construction and use of permanent tree stands. The use of nails, spikes, bolts, or climbing devices, which may damage trees on state property; and on private property without the permission of the landowner.
2. Hunting, pursuing or molesting deer below mean high tidal water or while deer are swimming in any waters of the state.
3. Feeding or baiting: the act of using, placing, giving, exposing, depositing, distributing, or scattering any material, or any act to maintain the availability of such material that attracts deer to feed on such material.

Local Ordinances

Some towns restrict hunting and, therefore, it is important to check town ordinances before hunting. Towns closed to Sunday hunting include Portsmouth, Little Compton, Middletown, Barrington, and Tiverton (including Sapowet Management Area). Some towns require written permission of the landowner, and/or local police department. For local and Sunday hunting regulations, check with the town police department or town clerk. Landowner permission is required for all hunting on Block Island.

Chronic Wasting Disease (CWD)

DEM Fish and Wildlife will conduct surveillance for CWD in RI in the 2009 season. CWD is a rare neurological disease that affects deer and elk. It attacks the brain, producing small lesions that eventually result in death. Although domestic livestock and humans are not known to be susceptible to CWD, currently there is not enough information to prove that they are safe from the disease. Also, there is no connection between CWD and BSE (mad cow disease).

Precautions for limiting spread of CWD:

1. Do not feed or bait deer. Feeding and baiting spreads disease and is illegal.
2. Contribute your deer's head at hunter check stations (or after butchering) for CWD testing
3. If you hunt outside of Rhode Island, please read the following information about how to safely transport your deer:

Chronic Wasting Disease

Importation: All carcasses and parts of any Deer imported into Rhode Island must have a legible label bearing the following information: the species of animal, the State, Province or Country where the animal was taken or where the shipment originated, the name of the person who took the animal or the name of the shipper, the address of the taker or shipper and, for transport through the State, the destination of the shipment. Hunter harvested carcasses; parts or meat taken outside Rhode Island shall also bear the marking, tagging or labeling required by the State where the animal was taken.

Feeding and baiting Deer in Rhode Island: No person shall feed Deer at any time in Rhode Island except:

1. Under a license or permit issued by the Department of Environmental Management for scientific research.
2. By planting, cultivating, or harvesting of crops directly associated with agricultural practices, including planted wildlife food plots.
3. By distribution of food materials for livestock directly associated with agricultural practices.
4. By distribution of food material for legally possessed captive cervids, pursuant to a permit.
5. By cutting of trees or brush.
6. By elevated bird/squirrel feeders providing seed, grain, fruit, worms, or suet for birds or squirrels located within 100 feet of an occupied dwelling.

Avian Influenza

The Rhode Island Department of Environmental Management is participating in a nationwide effort of surveillance of wild birds for Highly Pathogenic Avian Influenza H5N1. The Division of Fish & Wildlife (DFW) has, in cooperation with other federal and state agencies, targeted several species for surveillance. The DFW is using a variety of methods to sample birds and working cooperatively with designated laboratories to have samples tested. The state will work with federal agencies and the local media to inform the public in the event of a positive detection of HPAI H5N1.

Although the Highly Pathogenic H5N1 strain of avian influenza has not yet been discovered in North America, DEM DFW would advise hunters to adhere to the following procedures when handling wild birds to avoid any possible exposure.

1. Do not handle or butcher game animals that are obviously sick or are found dead.
2. Do not eat, drink, or smoke while cleaning game.
3. Wear rubber gloves or cover hands with plastic when cleaning game.
4. Wash your hands with soap and hot water for at least 20 seconds after handling game.
5. Carry disinfecting wipes or an alcohol-based gel into the field with you for immediate use after handling game.
6. Wash tools and working surfaces with soap and water, then disinfect with a 10% solution of chlorine bleach.
7. Cook game meat thoroughly—reaching an internal temperature of 165 degrees F.

Special Deer Seasons– Co-op Areas

1. **Prudence and Patience Islands:** Archery only. State land will close when 50 deer have been taken to include 25 from the south end. Archery hunting on state lands is by permit only. No lottery is required. Requests permits by sending a SASE to PRUDENCE/PATIENCE ISLANDS, RI Division of Fish and Wildlife, 277 Great Neck Rd., West Kingston, RI 02892. A LOTTERY & Reservations are required for Heritage Property hunting. Proficiency testing is required for all archery deer hunters on Prudence and Patience Islands. Proficiency card must be carried while hunting. All deer taken must be checked in at the designated check station on the island or by an Environmental Police Officer, or designee, before leaving the island. Deer taken on Patience Island may be checked at a vendor check station.
2. **Block Island (New Shoreham):** State land is closed to hunting on Block Island. Written permission from a landowner must be obtained before hunting on private land. Hunters must also obtain permission from the Block Island chief of police. All deer must be tagged within 24 hours of taking, and checked before being removed from the island. Buckshot (00 or larger in 12 gauge), rifled slugs and sabot rounds are permitted on the island.
3. **Northwest Cooperative Hunting Area (Glocester)–** Permits may be obtained by sending a SASE (9½" x 4") to: NORTHWEST CO-OPERATIVE HUNTING, Division of Fish and Wildlife, 277 Great Neck Rd, West Kingston, RI 02892, Attn: NW Coop. One permit will be issued for all methods of deer hunting. Permits with hunting activity records must be returned to the Division at the close of the season.
4. **Francis Carter Preserve (TNC Co-op-Charlestown):** Archery only. Proficiency testing is required and cards must be carried while hunting. A Carter Hunting Preserve Permit is required and will serve as written permission to hunt this private land. Requests for permits are available by sending a SASE to FRANCIS CARTER COOP, RI Division of Fish and Wildlife, 277 Great Neck Rd., West Kingston, RI 02892. Hunters must return their permit by end of season, with record of hunting activity to be eligible for the next season's hunt.
5. **Beavertail (Jamestown):** Archery only. Proficiency is required and cards must be carried while hunting. Permits must be returned by February 15 regardless of activity or success, to be eligible for next year's hunt. Permits are available at the Jamestown Police Department. Ten (10) hunters are allowed per day on a first-come first-served basis. Limit of 5 slots per week reserved no more than 20 days in advance.
6. **Grills Preserve (Westerly):** Archery and Muzzleloader only portions of the deer seasons in accordance with the rules and regulations set forth by DEM. Permits available after September 1. Available by sending a SASE to DEM Division of Fish and Wildlife, 277 Great Neck Road, West Kingstown, RI 02892

Special Deer Seasons– Co-op Areas

7. Paraplegic and double amputee hunters: South End Management Area, Prudence Island and Fort Greene, Narragansett:

Special deer hunting permits must be obtained through the DEM Division of Licensing (222-3576) for these special hunts. Fort Greene hunters must apply for lottery: application available at RI Fish and Wildlife, 277 Great Neck Rd., West Kingston, RI 02892 Attention: Fort Greene, and postmarked by September 30, 2009.

State Check Stations

1. **Arcadia Management Area** Rt. 165, Ten Rod Road, at Wood River, Exeter, Phone: **539-7117**.
2. **Carolina Management Area** Pine Hill Road, Richmond, Phone: **364-3483**.
3. **Durfee Hill Management Area** Reynolds Road (Rte 94), Glocester, Phone: **568-6753**
4. **Great Swamp Management Area** 277 Great Neck Rd. West Kingston, Phone: **789-1636**

Operating hours:

Small Game Season: October 17-18, 24-25, Oct 31-Nov 1, Nov 7-8. Stations open ½ hour before sunrise and close at sunset.

Deer Season: Muzzleloader Deer Season: November 4-6, 2009, 8:00 A.M. – 6:00 P.M. Shotgun Deer Season: December 5-7 2009, 8:00 A.M. – 6:00 P.M.

Vendor Check Stations

A phone call to the vendor of choice to verify hours and season availability is strongly suggested

1. **Prudence Island** - Kevin Mahoney 105 John Oldham Road , RI.02872 ph. **508-308-6587**
2. **Block Island** (shotgun) - Town of New Shoreham, 10 Ocean Ave. Town Highway Garage ph **466-3220**; Archery –call New Shoreham PD
3. **Big Bear Hunting and Fishing Supply** 401 Putnam Pike Harmony, RI 02829 ph. **949-0339**
4. **Breachway Bait & Tackle** 166 Charlestown Beach Road, Charlestown, RI 02813 ph. **364-6407**
5. **Foster Bear Arms Trading Post** 52 Danielson Pike, Foster, RI 02825 ph. **647-4681**
6. **Hope Valley Bait & Tackle** Main St. (PO Box 245) Corner of Rt. 3 & 138 Hope Valley, RI 02832 ph. 539-2757

Vendor Check Stations

7. **Main Bait and Tackle Shop** 2599 South Main St., Fall River, MA 02724 ph. **508-679-3853**
8. **Moy Works** 215 3rd Street Newport, RI 02840 ph. **849-4673**
9. **Quaker Lane Bait & Tackle** 4019 Quaker Lane, North Kingstown, RI 02852 ph. **294-9642**
10. **Pete's Bait & Tackle** 341 Burnside Ave., Woonsocket, RI 02895 ph. **762-4717**
11. **Sandy Bottom Bait & Tackle** 97 Sandy Bottom Rd., Coventry, RI 02816 ph. **823-1540**

Bay Islands

Prudence & Patience Islands:

Written permission of the landowner, countersigned by the police chief, must be obtained to hunt private property on Prudence Island.

South Prudence and Patience Management Areas are closed to small game hunting. The small game season on Prudence Island is Nov. 1 – 30, 2009, except on Northern Prudence Island, where the small game season is Jan 4– 31, 2010. Raccoon open season for Prudence Island is Jan. 4 – Feb. 28, 2010 with written permission of landowner. Raccoon may also be taken while bow hunting with a valid deer archery permit on Prudence Island, Oct. 23, 2009 – Jan. 3, 2010. Private land small game season is Nov. 1 – 30, 2009.

Waterfowl hunting is permitted no more than 10 feet above mean high water on Prudence Island, except in that period from Nov. 1 – 30, 2009 and during the period Oct. 13 – 16, 2009 by paraplegic and double amputee deer hunters with special permit (RIHR 5.18).

Other Restrictions:

1. **Hope Island:** No Trespassing Apr. 1 – Aug. 15, for nesting birds. All domestic animals prohibited except hunting dogs during small game and waterfowl season.
2. **Big Gould:** No Trespassing Apr. 1 – Aug. 15, for nesting birds.
3. **East and West Island:** No Trespassing Apr. 1 – Aug. 15, for nesting birds.
4. **Dutch Island:** Closed to hunting and all other access.

Sunrise / Sunset October-January

Day	OCTOBER		NOVEMBER		DECEMBER		JANUARY	
	Sun-rise	Sunset	Sun-rise	Sunset	Sunrise	Sunset	Sunrise	Sunset
1	6:42	18:28	7:17	17:40	6:53	16:15	7:13	16:25
2	6:43	18:26	6:19	16:39	6:54	16:15	7:13	16:25
3	6:44	18:24	6:20	16:38	6:55	16:15	7:13	16:26
4	6:45	18:23	6:21	16:36	6:56	16:15	7:13	16:27
5	6:46	18:21	6:22	16:35	6:57	16:14	7:13	16:28
6	6:47	18:19	6:23	16:34	6:58	16:14	7:13	16:29
7	6:48	18:17	6:25	16:33	6:59	16:14	7:13	16:30
8	6:50	18:16	6:26	16:32	7:00	16:14	7:12	16:31
9	6:51	18:14	6:27	16:31	7:01	16:14	7:12	16:32
10	6:52	18:13	6:28	16:30	7:02	16:14	7:12	16:33
11	6:53	18:11	6:30	16:29	7:02	16:14	7:12	16:34
12	6:54	18:09	6:31	16:28	7:03	16:14	7:11	16:35
13	6:55	18:08	6:32	16:27	7:04	16:15	7:11	16:36
14	6:56	18:06	6:33	16:26	7:05	16:15	7:11	16:37
15	6:57	18:04	6:34	16:25	7:05	16:15	7:10	16:39
16	6:58	18:03	6:36	16:24	7:06	16:15	7:10	16:40
17	7:00	18:01	6:37	16:23	7:07	16:16	7:09	16:41
18	7:01	18:00	6:38	16:22	7:07	16:16	7:09	16:42
19	7:02	17:58	6:39	16:22	7:08	16:16	7:08	16:43
20	7:03	17:57	6:41	16:21	7:09	16:17	7:08	16:45
21	7:04	17:55	6:42	16:20	7:09	16:17	7:07	16:46
22	7:05	17:54	6:43	16:20	7:10	16:18	7:06	16:47
23	7:07	17:52	6:44	16:19	7:10	16:18	7:06	16:48
24	7:08	17:51	6:45	16:18	7:11	16:19	7:05	16:49
25	7:09	17:49	6:46	16:18	7:11	16:19	7:04	16:51
26	7:10	17:48	6:47	16:17	7:11	16:20	7:03	16:52
27	7:11	17:47	6:49	16:17	7:12	16:21	7:02	16:53
28	7:13	17:45	6:50	16:16	7:12	16:21	7:02	16:54
29	7:14	17:44	6:51	16:16	7:12	16:22	7:01	16:56
30	7:15	17:43	6:52	16:16	7:12	16:23	7:00	16:57
31	7:16	17:41			7:12	16:24	6:59	16:58

Sunrise / Sunset Table February-May

Day	FEBRUARY		MARCH		APRIL		MAY	
	Sun-rise	Sunset	Sun-rise	Sunset	Sun-rise	Sunset	Sun-rise	Sunset
1	6:58	17:00	6:20	17:35	6:28	19:10	5:42	19:43
2	6:57	17:01	6:19	17:36	6:27	19:11	5:40	19:44
3	6:56	17:02	6:17	17:37	6:25	19:12	5:39	19:45
4	6:55	17:03	6:16	17:38	6:23	19:13	5:38	19:46
5	6:54	17:05	6:14	17:39	6:22	19:14	5:37	19:47
6	6:52	17:06	6:12	17:40	6:20	19:15	5:35	19:48
7	6:51	17:07	6:11	17:42	6:18	19:16	5:34	19:49
8	6:50	17:09	7:09	18:43	6:17	19:17	5:33	19:50
9	6:49	17:10	7:07	18:44	6:15	19:19	5:32	19:51
10	6:48	17:11	7:06	18:45	6:13	19:20	5:31	19:52
11	6:46	17:12	7:04	18:46	6:12	19:21	5:30	19:53
12	6:45	17:14	7:02	18:47	6:10	19:22	5:28	19:54
13	6:44	17:15	7:01	18:49	6:09	19:23	5:27	19:55
14	6:42	17:16	6:59	18:50	6:07	19:24	5:26	19:56
15	6:41	17:17	6:57	18:51	6:05	19:25	5:25	19:58
16	6:40	17:19	6:56	18:52	6:04	19:26	5:24	19:59
17	6:38	17:20	6:54	18:53	6:02	19:27	5:23	20:00
18	6:37	17:21	6:52	18:54	6:01	19:28	5:23	20:01
19	6:36	17:22	6:51	18:55	5:59	19:30	5:22	20:02
20	6:34	17:24	6:49	18:56	5:58	19:31	5:21	20:02
21	6:33	17:25	6:47	18:58	5:56	19:32	5:20	20:03
22	6:31	17:26	6:45	18:59	5:55	19:33	5:19	20:04
23	6:30	17:27	6:44	19:00	5:53	19:34	5:18	20:05
24	6:28	17:29	6:42	19:01	5:52	19:35	5:18	20:06
25	6:27	17:30	6:40	19:02	5:50	19:36	5:17	20:07
26	6:25	17:31	6:39	19:03	5:49	19:37	5:16	20:08
27	6:24	17:32	6:37	19:04	5:47	19:38	5:16	20:09
28	6:22	17:33	6:35	19:05	5:46	19:39	5:15	20:10
29			6:34	19:06	5:45	19:41	5:14	20:11
30			6:32	19:08	5:43	19:42	5:14	20:11
31			6:30	19:09			5:13	20:12