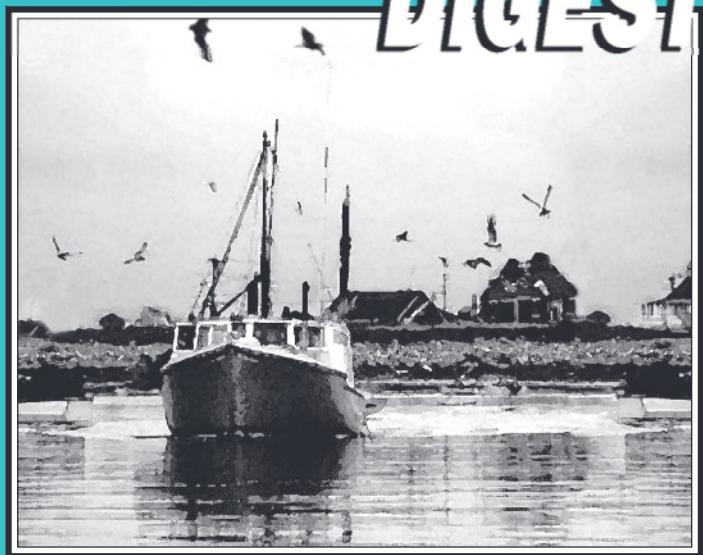


**2004 NEW HAMPSHIRE  
Saltwater Fishing  
DIGEST**



**New Hampshire  
Fish and Game Department**

[www.wildlife.state.nh.us](http://www.wildlife.state.nh.us)

# New Hampshire Fish and Game Department

## 2004 Saltwater Fishing Digest



**State of New Hampshire**  
Craig R. Benson, Governor



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**This publication is a summary of the saltwater fishing regulations. It is not the full law or rules. It is intended only as a guide to inform the angler of seasons, creel/bag limits, and other necessary information.**

For more detailed information concerning regulations, consult the New Hampshire Fish and Game Law Book or contact your local law enforcement officer. Fish and Game laws may be viewed at any Fish and Game office, the Secretary of State's office, and Legislative Services in Concord, N.H.

## **Catch and Release**

1. Time is of the essence. Play and release the fish as quickly and carefully as possible. An overplayed fish may become too weak to recover.
2. When landing fish, use a net with fine mesh to avoid injury. A net is probably not necessary for small fish. Keep the fish in the water as much as possible. A fish out of water is suffocating and could be injured.
3. When releasing a fish, try not to touch it when removing the hook and releasing it. When handling the fish, do not let it flop around or squeeze it. The fish can be gently held around the middle and upside down while removing the hook. This position calms the fish and deters it from moving around.
4. Remove the hook with small pliers or by using the thumb and forefinger to loosen and back out the hook. If a hook cannot be easily removed, cut the leader as close as possible to the hook. The hook will rust or fall out in a short time.
5. To revive a tired fish, hold it in a swimming position with one hand under its bottom jaw and the other hand grasping the fish in front of the tail. Gently move the fish back and forth through the water until it is able to swim away.

The New Hampshire Fish and Game Department recommends that anglers who plan to use live or cut bait when fishing for striped bass or other fish use circle hooks in order to reduce mortality on fish that will be released. Recent studies comparing baited circle hooks to the standard J hooks used by most anglers indicate a substantial reduction in the post-release hooking mortality when circle hooks are used.

For more information contact Fish and Game Marine Fisheries Division weekdays (8:00 a.m.-4:00 p.m.) at (603) 868-1095.

## **License Information**

Fishing licenses, valid January 1 through December 31 of each year, may be purchased from license agents, Fish and Game Department headquarters, some town or city clerks and online at [www.wildlife.state.nh.us](http://www.wildlife.state.nh.us).

Duplicate licenses may be issued by the original issuing agent or Fish and Game Headquarters in Concord.

**Recreational fishermen are not required to be licensed to fish in saltwater, except to fish for smelt in Great Bay and tributaries, and for trout, shad and salmon in all state waters. A license is required to take all species of fish through the ice of Great Bay estuary.**

### **Help New Hampshire's Wildlife**

*Become a Super Sportsman*— Your \$8 donation will be used for special fish and/or wildlife management projects in New Hampshire. For every \$8 donation by a licensee, the federal government may contribute \$24.

*Contribute to Nongame Wildlife* — Your \$5 donation will fund non-game and endangered wildlife research and education projects throughout the state. Your donation will be matched with an equal amount from the New Hampshire General Fund.

These donations can be made when you purchase your hunting and fishing licenses by telling the license agent you want to help wildlife!

***Report Fish and Game Violations ONLY!***

**CALL OPERATION GAME THIEF**

1-800-344-4262 (NH)    11 Hazen Drive, Concord, NH 03301

1-800-ALERT US (ME)    284 State Street, Augusta, ME 04333

## License Fees and Requirements

Fishing Licenses/Type	Age/Requirements	Fee
<i>A \$1.00 Habitat Fee has been added to all Freshwater Fishing Licenses.</i>		
All Species	16-68/Residents 16 and over/Nonresidents	\$35.00 \$53.00
Resident Softshell Clam	6 yrs. and older 68 years or over	\$30.00 Free
Resident Oyster	All ages 68 years or over	\$30.00 Free
Resident Commercial Sea Clam		\$301.00
<b>Lobster and Crab</b>		
<b>Resident</b>	5 pots maximum Limited Commercial - 600 pots maximum Commercial - 1,200 pots maximum	\$36.00 \$104.00 \$301.00
<b>Helper's License</b>		\$11.00
<b>Commercial Saltwater</b>		
<b>Resident</b>		\$51.00
<b>Nonresident</b>		\$301.00

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## Description

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Allows taking all species of fish including trout, salmon and shad.  
Smelt may be taken in Great Bay with this license.

N.H. residents only. See page 23 for rules.

N.H. residents only.

Helper's license required for each helper (no residency requirement for helpers).

Required to take, land, transport or possess marine species, excluding lobsters, with the intent to sell, regardless of method. Includes operator and unlimited helpers. License is not issued to a vessel, it is issued to an individual.

Includes operator and unlimited helpers. Required to take marine species to sell, regardless of method. Allows for the landing of lobsters taken from areas outside the jurisdiction of New Hampshire.

## **License Fee and Requirements (cont.)**

Fishing Licenses/Type	Requirements	Fee
Harvest Permit		Free
Shrimp Processing Permit		Free
<b>Trade of Lobster Meat and Crab Meat</b>		
Retail	Resident	\$26.00
	Nonresident	\$51.00
Sea Herring Permit		Free
<b>Wholesale Marine Species (includes lobster &amp; crab)</b>		
	Resident	\$101.00
	Nonresident	\$201.00
<b>Resident Extra Facility</b>		\$51.00
<b>Nonresident Extra Facility</b>		\$76.00
<b>Sea Urchins and Scallops</b> (Commercial Saltwater License)	Nonresident	\$301.00

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## Description

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Required to take finfish by seine, net, weir, pot or trap, horseshoe crab by any method, or American eel by any method but angling, from coastal and estuarine waters of N.H. Available at Durham office.

Required to possess shrimp during closed season. Available at Durham office.

Separate license required for each market, store, vehicle or other facility where lobsters and crabs are sold.

Required to possess sea herring. Available at Durham office.

Required to buy, sell, process and transport marine species if wholesaling marine species. A separate extra facility license shall be required for each market, store, vehicle or facility where marine species are bought or sold at wholesale. Vehicles used solely for the transportation of marine species are not required to be licensed as an extra facility, as long as the wholesale marine dealer is licensed.

Prohibited if applicant's state excludes nonresident harvest. Helpers not allowed to take by diving.

### ***Remember***

- ✓ Any Fish and Game permit or license is subject to inspection by any person upon demand.
- ✓ Littering is sufficient cause to revoke your license.
- ✓ The license you hold can be suspended for any violation of Fish and Game laws.

### **Commonly Asked Questions**

**Question:** Are nonresidents permitted to take clams and oysters?

**Answer:** No, only residents are allowed to purchase licenses for the taking of clams and oysters.

**Question:** May lobsters be taken by diving?

**Answer:** No.

**Question:** Do I need a license to fish in saltwater?

**Answer:** A license is needed only if fishing for smelt or any finfish through the ice in Great Bay and tributaries, or if fishing for any species of trout, shad or salmon in any state waters. Federal permits may also be required.

**Question:** Can children fish without a license?

**Answer:** Children under the age of 16, resident or nonresident, are not required to purchase a fishing license.

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## Definitions

**Coastal and estuarine waters** – all water within the rise and fall of the tide, and water below any fishway or dam which normally divides tide water and fresh water, or below any legally established tidal bound in streams flowing into the sea.

**Commercial fisherman** – any person who takes, possesses, lands or transports, on the waters of New Hampshire, any marine species by any method for the purposes of sale.

**Finfish** – includes all species and subspecies of fish listed under the definition of fish.

**Fish** – a member of any of the following classes: **cyclostomata**, including, but not limited to, hagfishes and lampreys; **elasmobranchii**, including, but not limited to, sharks, skates and rays; and **pisces**, including, but not limited to, trout, perch, bass, minnows and catfish; including any part, product, egg or offspring thereof, or the dead body or parts thereof, excluding fossils.

**Groundfish** – a group of fish which includes Atlantic cod (*Gadus morhua*), haddock (*Melanogrammus aeglefinus*), pollock (*Pollachius virens*), American plaice (*Hippoglossoides platessoides*), redfish (*Sebastes marinus*), white hake (*Urophycis tenuis*), summer flounder (*Paralichthys dentatus*), yellowtail flounder (*Pleuronectes ferruginea*), winter flounder (*Pleuronectes americanus*), windowpane flounder (*Scophthalmus aquosus*), and witch flounder (*Glyptocephalus cynoglossus*).

This digest, with enlarged type, is available for the visually impaired. Call N.H. Fish and Game Public Affairs Division at (603) 271-3211.

**Inclusion dates** – whenever a period is named during which an act is permitted or prohibited, both the first and second dates named will be included within such period.

**Marine species** – includes all fish which inhabit salt water, and all shellfish, lobsters, crabs, shrimps, clams, marine worms, other marine invertebrates and marine plants found in the coastal and estuarine waters.

**Mobile gear** – includes, but is not limited to, otter trawls, mid-water trawls, beam trawls, pair trawls, drag seines in any form, purse seines and Scottish seines. Does not include cast nets, dip nets held in hand, hook and line, seines less than 50 sq. ft. and stationary gill nets anchored on each end.

**Net** – any open fabric constructed of string, cord, thread, wire, etc., knotted or woven together in such a way as to be capable of entraining or entrapping finfish.

**Nonresident** – all persons not coming within the definition of resident.

**Person** – includes co-partnership, association and corporation, and also principal, agent or employee.

**Resident** – a U.S. citizen who has lived and made his home within the state not less than 6 months prior to his application for a license, and who has not, during that period, claimed a residence in any other state for any purpose. The word residence, as used in this definition, means domicile.

**Resident and nonresident corporations** – the word "resident," as used in this subdivision (marine species), when applied to a corporation is a corporation organized under the laws of this state. The word "nonresident," as used in this subdivision, when applied to a corporation is a corporation organized under the laws of another state.

**Possession** – actual or constructive possession, and any control of things referred to.

**Salters** – any species of trout which spends part of its life cycle in brackish or saltwater.

**Seaweed** – any marine algae in the classes *Chlorophyceae*, *Xanthophyceae*, *Phaeophyceae* and *Rhodophyceae*, including rockweeds and sea moss.

**Seine** – a net which is rectangular or square and is pulled through the water to entrap organisms.

**Sell and Sale** – includes the barter, exchange, and offering or exposing for sale.

**Single hook artificial lure** – lure with 1 single hook with not more than 3 hook points.

**Waters under the jurisdiction of the state** – those waters within the 3-mile territorial sea.

**Take or taking** – includes pursuing, shooting, hunting, killing, capturing, trapping, snaring and netting wildlife, and all lesser acts, such as disturbing, harrying, worrying, wounding or placing, setting, drawing, or using any net or other device commonly used to take wildlife, whether they result in taking or not, and includes every attempt to take and every act of assistance to every other person in taking or attempting to take wildlife, provided that whenever taking is allowed by law, reference is made to taking by lawful means and in lawful manner.

**Transport and transportation** – all carrying or moving, or causing to be carried or moved.

**Weir** – a fixed position fish trap consisting of a lead of net strung from poles, usually wooden, with a pocket of net within which the fish are contained.

**Wildlife** – refers to all species of mammals, birds, fish, mollusks, crustaceans, amphibians, reptiles or their progeny or eggs which, whether raised in captivity or not, are normally found in a wild state.

This agency receives federal funds. Under federal law, discrimination is prohibited on the basis of race, color, national origin or handicap. If you think you have been discriminated against in any program, activity or facility, or want more information, contact the N.H. Fish and Game Department or the Office of Equal Opportunity, U.S. Department of the Interior, Washington, D.C. 20240.

# Species

## SEASONS/LIMITS/RULES

**American Eel** – minimum length: 6 inches; no closed season, except that on the closed downstream portion below a fishway, eels may be taken only from June 15–October 1. Recreational creel limit: 50 eels per day. Harvest permit required if taken by any method other than angling.

**American Shad** – daily limit 2 fish; no length or weight limits. May be taken by angling only. Fish taken by any other method must be immediately released. Fishing license required.

**Alevives**—open to residents only. River herring (alewives and bluebacks) may not be taken on Wednesdays by any method. Harvest permit is required to take by any form of netting, including chicken wire.

**Bluefin Tuna** – under federal management; contact National Marine Fisheries Service at 1-888-USA-TUNA.

**Bluefish** – daily limit 10 fish by hook and line, no minimum size. The taking of bluefish by any method for the purpose of sale shall be prohibited from October 1 through June 30.

**Crabs (red)**—any person may take 12 crabs daily by angling, diving, or by hand without a license. A license is required to take more than 12, or by a trap.

**Clamworms** – License required, except to take no more than 1 qt. per day for personal use. No limits when licensed. Only hand tools with handles not to exceed 18 inches may be used.

**Dogfish** – state waters are closed to commercial catch when federal quota is filled. Dogfish may be taken by angling only during closed season for personal use only. Open season in state waters is from August 1–April 30, unless closed by Fish and Game Director. Finning is prohibited.

**Goosefish (monkfish)**—minimum size 17 inches total length. Goosefish tails shall be not less than 11 inches as measured from the anterior portion of the fourth cephalic dorsal spine to the end of the caudal fin.

Goosefish livers landed shall not exceed 25% of the total weight of goosefish tails or 10% of the total weight of whole goosefish on any trip.

**Green Crabs** (*Carcinus*) – may be taken in any quantity by any legal method.

**Groundfish** – minimum mesh size for gillnets and mobile gear is 6.5 inches to take, transport or possess groundfish. No mobile gear may be used to take finfish or crustaceans in state waters. For positive identification all fillets must have skin intact while on or leaving state waters. These species may be transported or possessed on board a vessel with mobile gear which has a mesh size smaller than 6.5 inches, if the fish were taken outside the jurisdiction of the state. Cod and haddock closed to commercial take from April 1 to June 30.

**Groundfish Species - minimum length: recreational & commercial**

**American Plaice** – minimum length 14 inches.

**Atlantic Cod\*** – minimum length 22 inches commercial and recreational.

**Haddock\*** – minimum length 19 inches commercial and recreational.

**Yellowtail Flounder** – minimum length 13 inches.

**Pollock** – minimum length 19 inches, no size limit if taken by angling.

**Redfish** – minimum length 9 inches.

**Summer Flounder** – minimum length 15 inches. May be taken by angling only.

**Winter Flounder** – minimum length 12 inches.

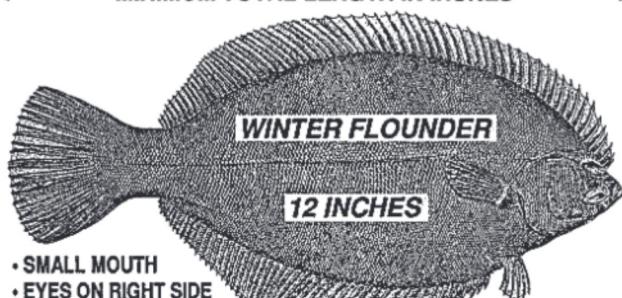
Flounder identifications, see pages 16 and 17.

\* Must have head and tail intact, or at least 14-inch fillets with skin intact, while on or leaving state waters. For recreationally caught Atlantic cod, there is a daily bag limit of 10 cod from April 1 through November 30 and 5 cod from December 1 through March 31.

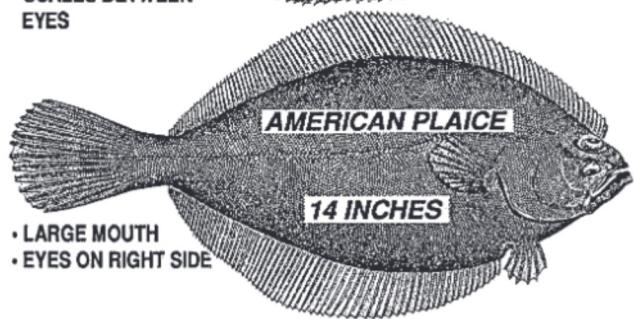
## KNOW YOUR FISH

### Flounder Identification

-----MINIMUM TOTAL LENGTH IN INCHES----->



- SMALL MOUTH
- EYES ON RIGHT SIDE
- SCALES BETWEEN EYES

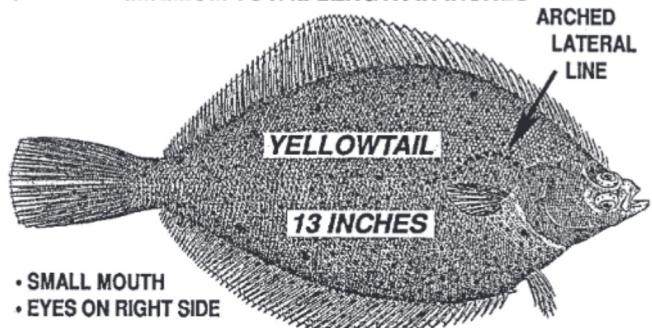


- LARGE MOUTH
- EYES ON RIGHT SIDE

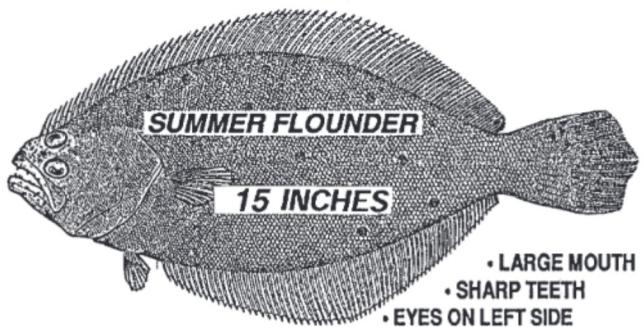
## **KNOW YOUR FISH**

### **Flounder Identification**

-----MINIMUM TOTAL LENGTH IN INCHES-----



- SMALL MOUTH
- EYES ON RIGHT SIDE



**Horseshoe Crab** – no person shall take or possess more than 10 horseshoe crabs per day. A Harvest Permit is required.

**Lobsters and Crabs** – See pages 21-22.

**Mollusks (clams, oysters, mussels, snails, etc.)** – See page 23.

**Northern Shrimp** – See page 20.

**Salmon** – sea-run Atlantic salmon may be taken by angling only. Fishing license required. Daily limit 2 fish; minimum length 15 inches. Snagging (foul-hooking) not allowed. Any salmon snagged must be immediately released unharmed.

**Salters** – fishing license required; daily limit one fish; no size limit; can take by angling only; no closed season, except:

**Berry Brook** – closed season January 1-August 15 from Venture Rd. inland to the beginning of the prominent large rock area upstream. During open season, restricted to single-hook artificial lures and flies. **Note:** Closed year-round to all fishing from the prominent large rock area to Sagamore Rd.

**Saltwater Smelt** – may be taken by angling with a fishing license. Daily limit 10 liquid qts. of smelt with head and tail intact. Use of nets or weirs prohibited from March 1-December 15 inland of Memorial Bridge in Newington-Portsmouth. No license required to take by hook and line from the Piscataqua River and its tributaries seaward of the Memorial Bridge, from the Hampton River and its tributaries, and from Rye Harbor and its tributaries. Bow nets and dip nets held in hand may be used in these rivers: Oyster, Squamscott, Bellamy and Lamprey between December 16-February 28. Harvest permit required for bow netting and dip netting. Daily limit of 10 qts. applies. **Commercial fishing license required to sell saltwater smelt taken by any method.**

**Sea Herring** – closed season September 21-October 19, unless the Fish and Game Director revises the beginning or ending dates of the closure. During the closed season, herring may be possessed for use as bait in the normal conduct of tending lobster and crab pots, and for recreational

fishing. A permit is required to possess herring. During closure, the maximum incidental catch is limited to 2,000 lbs. daily from that management area.

**Sea Scallops** – See page 23.

**Sea Urchins** – minimum size 2 inches. May be taken by hand or pot from October 1 through March 15 or by single 48-inch-wide sled from December 15 through March 15. Sleds may not be used in the waters of the Great Bay estuarine system inland of the Memorial Bridge in Portsmouth, Little and Rye Harbors and their tributaries inland of their most seaward jetties, and inland of the Hampton Harbor Bridge. Possession of other marine species not allowed if taken by sled. Commercial fishing license required to sell.

**Seaweeds** – may be collected and taken from the seashore below the high water mark during the day. Owner's permission is required to take flats-weed or seaweed from saltmarsh or flats. No seaweed may be piled below the high water mark to be hauled away. Sale is prohibited outside the state. Up to 3 bushels of growing rockweed or sea moss may be cut or taken by residents or summer residents. Do not detach or injure the roots of the seaweed when cutting.

**Softshell Clams** – See page 23.

**Striped Bass** – minimum length 28 inches; daily limit 2 fish; only 1 fish may be greater than 40" in total length; no closed season. Sale of striped bass is prohibited, regardless of origin. Netting is prohibited except when landing by use of a hand-held dip net. Gaffing is prohibited. Head and tail must remain intact while on or leaving state waters or shores.

**Sturgeon** – possession prohibited.

**Surf Clams, Mahogany Quahogs, and Razor Clams** – See page 23.

**Whelks** – See page 24.

## **NORTHERN SHRIMP** (*Pandalus borealis*)

**Season – Mobile Gear and Traps:** January 19 – March 12, 2004. No fishing on Saturdays and Sundays, 0001–2400. Mechanical shakers are prohibited while harvesting.

**Net** – the minimum mesh size is 1½ inch stretched mesh. No tolerance is allowed in the cod end. A tolerance of 1/8 inch will be allowed in the body and wings. No liners are allowed. An optional cod end strengthener may be used with an outer mesh size at least 3 times larger than the size of the inner mesh, but no less than 6 inches. The hanging ratio of the cod end strengthener shall be identical to the mesh size ratio. Chafing gear allowed on the lower half of the cod end only, except no chafing gear shall be used with a cod end strengthener. Maximum length of bottom legs of bridle shall be 15 fathoms of bare wire. Shrimp shall only be taken with a finfish excluder trawl equipped with the "Nordmore Grate" system. A second grate may be used for the purpose of releasing small shrimp and retaining larger shrimp (double Nordmore Grate system). Written permission from the executive director must be obtained to transport or possess nets with smaller than legal mesh size. Shrimp legally purchased for bait may be possessed anytime. For more information, contact Fish and Game's Region 3 office, (603) 868-1095.

**Traps** – the maximum trap size shall be 48 inches x 24 inches x 16 inches. The mesh size shall be no larger than ½ inch x 1 inch and the V-trough top entrance shall be no wider than 1¼ inches. Each trap shall have a biodegradeable panel with an opening of at least 3¾ inches x 3¾ inches on the top or side of the trap. Traps may be fished in pairs with a single buoy with the person's last name and initials. Tending shall be restricted to the period from 1 hour before sunrise to sunset.

**Bycatch** – no person shall take, transport or possess any cod, haddock, pollock, white hake, redfish, American plaice, windowpane, witch, winter and yellowtail flounders on board any boat rigged with or possessing a

Nordmore Grate system or shrimp trap.

**Reporting**—any person who is a primary dealer (one who purchases 120 lbs. or more as a first purchase from a vessel engaged in shrimping) or processor of shrimp must file a weekly report of all shrimp purchased during the preceding week. The report must include the name of the processor or dealer, week of reporting period, transaction date(s), vessel, amount purchased in pounds, count per pound, and signature of dealer or processor. A reporting week is Sunday-Saturday. Reports must be received by the following Wednesday.

**Processing** – shrimp may be processed from January 19 – March 19, 2004. After March 19, written permission must be obtained from the Fish and Game Director. Permittee must document the country, state of origin of shrimp to be processed.

## LOBSTERS AND CRABS

**License** – is required to take lobsters and crabs (also see page 6). Federal license required to fish in waters seaward of state waters. The more restrictive measure applies when fishing more than one management area.

**Season**—no closed season; may be taken from 1 hr. before sunrise to sunset.

**Legal Length** – no lobster less than 3 $\frac{1}{4}$  inch carapace length, whether alive or dead, may be transported, bought, sold, given away, exposed for sale or possessed. No lobster greater than 5 inches carapace length may be taken from waters under the jurisdiction of this state. Measurements must be made from the rear of the eye socket, along a line parallel to the center line of the body shell, to the rear of the body shell. When lobster meat is removed from the shell, the tail meat must be whole, intact and not less than 4 $\frac{1}{4}$  inches, when laid straight and measured



end to end (not including the small part that is on the body end of the tail meat). Possession of mutilated lobster, cooked or uncooked, will be prima facie evidence that they are not of legal length. Lobster meat from outside the state must meet the minimum length requirements. Hermetically sealed cans of lobster, not requiring refrigeration and not weighing over 8 ounces net, are exempt from this provision.

**Spawn** – no person can remove spawn from any female lobster or take, serve, have in his possession, sell or offer for sale any female lobster carrying spawn or any lobster spawn.

**Female Lobsters** – no person can take, buy, sell, or have in his possession any female lobster bearing eggs. Female egg-bearing lobsters must be immediately returned alive to the waters from which taken. This does not apply to lobsters spawning in cars or pounds if, upon discovery, they are liberated alive in the coastal waters (please call Fish and Game Law Enforcement at (603) 271-3127 when discovered).

**V-Notched** – any female possessing a V-notch (notched right flipper next to the middle flipper when underside of female is down and its tail toward you) or mutilated right flipper must be immediately returned to the waters from which it was taken. All commercial and limited commercial lobster licensees shall immediately V-notch and return to the water, all egg-bearing female lobsters captured in the process of taking lobster.

**Molesting of lobster pots** – lobster pots, traps, warps (ropes), cars or buoys are private property, regardless of the location. This includes on the beach and in the rocks. No person except the owner or a conservation officer can possess, lift, molest or disturb them. To do so can result in a fine of \$2,000 and up to 1 year in jail.

**Non-Trap Limits** – 100 lobsters per day; maximum of 500 lobsters for any fishing trip 5 days or more.

## **SHELLFISH**

**Blue Mussels** (*Mytilus edulis*) – may be taken only from approved areas (see maps on pages 26 – 28). No license required; no limit.

**Mollusks (clams, oysters, mussels, snails, etc.)** – may only be taken from approved areas. (See map of approved shellfish areas on pages 26–28).

**Oysters** – open to residents only; license required; season closed July and August. Check maps on pages 26–28 for open areas. During season, 1 bushel of unshucked oysters may be taken daily by hand or hand tongs only, between sunrise and sunset. No shucked oysters may be possessed while on or leaving any waters under the jurisdiction of the state. Illegal to take through the ice. New Hampshire oysters may not be sold. Oyster license number must be permanently marked on the outside of the container. Harvester shall have license on person.

**Sea Scallops** – open season November 1-April 14; no limit; minimum size 3½ inches shell height. Scallops may be taken by diving or dredge. Dredge width limited to a maximum of 4 ft. License required to sell.

**Softshell Clams** – open to residents only, 6 years of age or older. Clam license required. License must be displayed while clamping. Ten liquid quarts unshucked clams per day may be taken one-half hour before sunrise to sunset on Saturday only, from the day after Labor Day to May 31. Closures during this period may occur due to high bacteria count or red tide. Hampton/Seabrook Harbor flats may not open until Nov. Call **1-800-43-CLAMS** for current clam flat information. Check maps on pages 26–28 for open areas. Handheld tools with handles not exceeding 18 inches may be used. No shucked clams are allowed on or while leaving the waters of the state. Clam license number must be permanently marked on the outside of the clam container. New Hampshire clams may not be sold.

**Surf Clams, Mahogany Quahogs, and Razor Clams** – Recreational harvest by hand or handheld tools; no license required. Commercial

digging may be by dredge with blade or knife not larger than 48 inches. Daily limit is 500 bushels of unshucked clams. Commercial license required.

**Whelks**—2½ inch minimum size, fished by pot, trap or other contrivance; closed from sunset to one hour before sunrise.

**NOTE: SHELLFISH CLOSURES MAY CHANGE —**

Most of New Hampshire's coastal waters (up to 3 miles offshore) are open to shellfish harvest. However, several small areas along the coast remain closed due to pollution concerns. These areas include the outlets of Parsons Creek and Eel Pond in Rye, an unnamed creek near Bass Beach in Rye, and Chapel Brook and Little River in North Hampton. All waters within 750 feet of each outlet are closed to shellfish harvest. Also closed are areas around the wastewater treatment plant outlets at Wallis Sands State Park, the town of Seabrook and Star Island (Isles of Shoals). **Other areas may close temporarily at any time.** For up-to-date information, call N.H. Fish and Game's "Clam Hotline" at **1-800-43-CLAMS**, check [www.wildlife.state.nh.us](http://www.wildlife.state.nh.us), and consult the information and maps on DES's Shellfish Program website: [www.des.state.nh.us/wmb/shellfish](http://www.des.state.nh.us/wmb/shellfish).

**WARNING**  
**THIS AREA IS**  
**CLOSED TO THE**  
**TAKING OF ALL**  
**MOLLUSKS,**  
e.g.  
**CLAMS**  
**OYSTERS**  
**MUSSELS**

## RED TIDE

Red tide is caused by the accumulation of toxic dinoflagellates (one-celled planktonic organisms). The toxins may be stored in the bodies of filter-feeding bivalves, such as clams, mussels and oysters, which ingest the organisms. Humans who eat the shellfish may become afflicted with paralytic shellfish poisoning (PSP), which can cause death through respiratory paralysis. Mussel samples are tested weekly from April - October. If PSP toxins exceed a safe level, shellfish harvesting areas are closed and public notice given via radio and newspaper. Contact Fish and Game Marine Fisheries Division weekdays (8 a.m.-4 p.m.) at (603) 868-1095 or Department of Environmental Services at (603) 430-7900 for updated information. Even when red tide closures are not in effect, many areas remain closed to the taking of shellfish. See pages 26-28 or contact the Marine Fisheries office for additional information.

**CAROLINA SKIFF**  
ANYTHING IS POSSIBLE

**TRACKER MARINE**

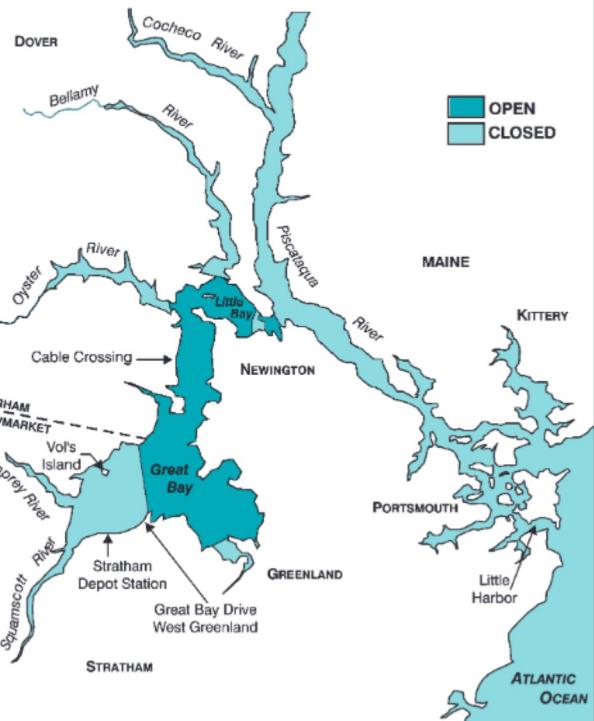
<b>TRACKER</b> Fishing Boats	<b>NITRO</b> Bass & Bay Boats
<b>Sun TRACKER</b> Pontoon Boats	<b>TAHOE</b> Family Sport Boats

**Dover Marine**

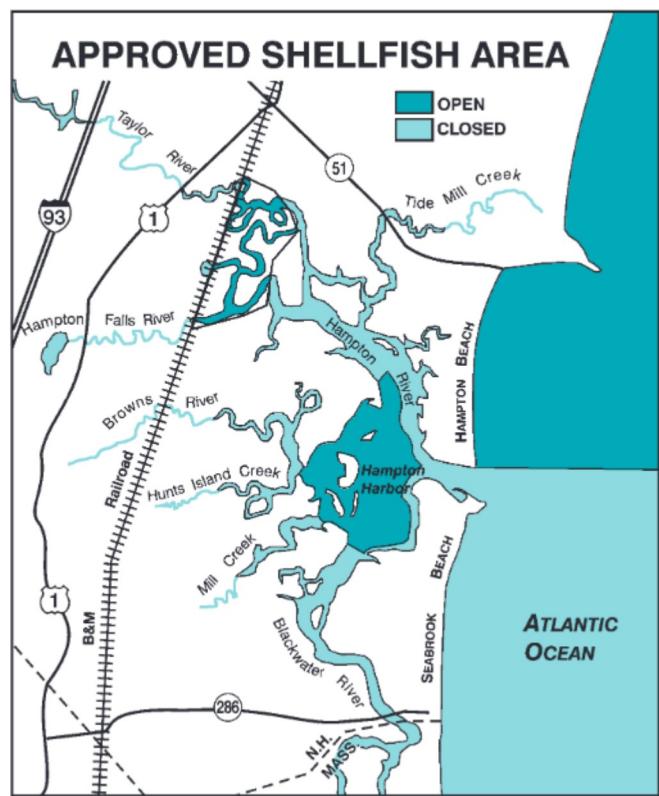
17 New Rochester Rd., Rte. 108,  
Dover, NH  
Exit 9 off Spaulding Turnpike.  
**603-742-5453 or 603-749-4211**  
[www.dovermarine.com](http://www.dovermarine.com)

STORE HOURS:  
Mon.-Fri. 9-6  
Sat. 9-5

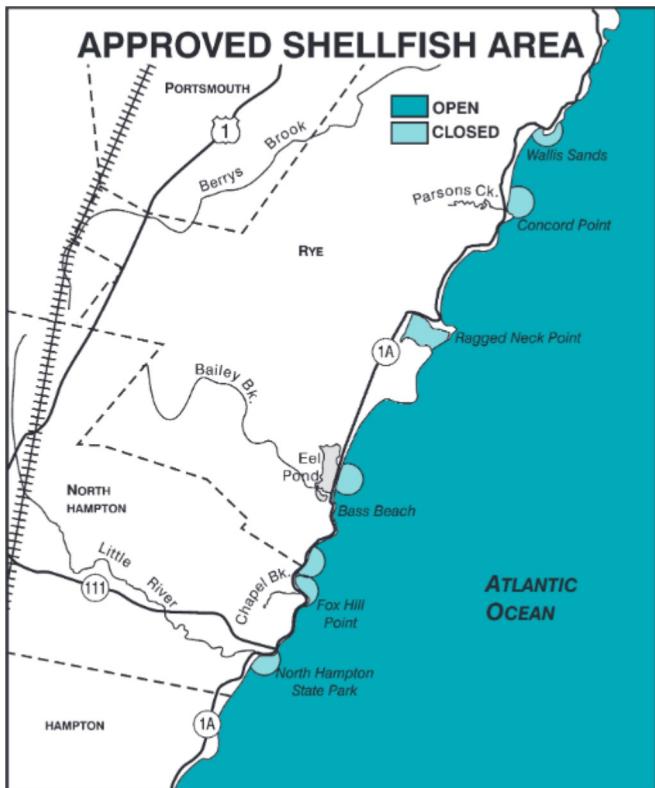
## APPROVED SHELLFISH AREA



## APPROVED SHELLFISH AREA



## APPROVED SHELLFISH AREA



# IS IT SAFE TO EAT THE FISH?

## *Consumption Guidelines for Ocean Fish and Shellfish*

Fish can be an important part of a healthy diet, but some ocean fish and shellfish contain varying levels of pollutants like mercury, PCBs and dioxins. Because of this, the N.H. Department of Health and Human Services recommends the following guidelines for eating saltwater fish:

**Bluefish and Striped Bass:** You can safely eat two 8-ounce meals per month.

**Swordfish, Shark, Tilefish, King Mackerel:** Pregnant and nursing women, women who may get pregnant and children under age 7 should avoid eating these fish. Everyone else can safely eat two 8-ounce meals each month.

**Lobster Tomalley (green substance in the lobster):** Avoid consumption. All other parts of the lobster are safe to eat.

**Canned Tuna (6-ounce can):** Pregnant and nursing women and women who may get pregnant, can safely eat one can of "white" or two cans of "light" tuna per week. ("White" tuna has more mercury than "light" tuna.) Children under 7 can safely eat one-half can of "white" or one can of "light" tuna per week. For everyone else, no limit as part of a balanced diet.

**All Other Ocean Fish and Shellfish (including canned fish and shellfish):** Pregnant and nursing women, women who may get pregnant and children under 7 can safely eat two 8-ounce meals per week. For all others, there are no limits as part of a balanced diet.

Stick to the lowest weekly or monthly limits when combining freshwater fish, ocean fish and shellfish. Do not add limits. For example, a woman who is pregnant and eats two cans of light tuna per week is advised not to consume any additional meals of ocean fish or freshwater fish.

**For more information on fish consumption guidelines, contact:**

N.H. Department of Health and Human Services

1-800-852-3345, ext. 4664

[healthrisk@dhhs.state.nh.us](mailto:healthrisk@dhhs.state.nh.us)

[www.dhhs.state.nh.us/bhra](http://www.dhhs.state.nh.us/bhra)

## **GEAR RESTRICTIONS**

**Lobster Trap Construction** – lobster traps shall not have a volume greater than 22,950 cubic inches. All lobster traps must have unobstructed escape vents or gaps. All traps must have 2 runners or sills and a biodegradable escape panel.

**Escape vents or gaps** – must be in the parlor section of the trap and may be:

- 1) A rectangular or oblong escape vent at least  $1\frac{15}{16}$  inches by  $5\frac{3}{4}$  inches, located next to the bottom edge;
- 2) Two circular vents at least  $2\frac{7}{16}$  inches in diameter;
- 3) A gap created by raising, modifying or separating the horizontal or vertical laths so that they create openings as described in 1) or 2) above;
- 4) A gap caused by separating both ends of 2 laths  $1\frac{3}{4}$  inches on the top of the parlor section next to the middle bow or supporting frame and directly over the parlor head;
- 5) Vents cut in the side or the end of a wire or plastic trap that comply with the dimensions in 1) and 2) above.

**Biodegradable escape panels and runners** – each trap must have escape panels and at least 2 runners or sills extending the entire length of the trap. Nothing may be placed in the parlor section of the trap that will obstruct the opening after disintegration of the fiber. The traps must be constructed in the following manner:

**Rectangular wire or plastic mesh traps:**

- 1) Every trap must have at least 2 parallel runners or sills attached to the bottom of the trap, running along the entire length of the exterior.
- 2) Every trap must have an unobstructed escape panel which must be:

- a. located in the parlor section on the sides or end;
- b. hinged at the top of positively buoyant panels or at the bottom of negatively buoyant panels;
- c. tied with an untreated natural fiber such as cotton, sisal, hemp or jute not exceeding  $\frac{3}{16}$  inches in diameter before immersion in sea water, or a piece of nonstainless, uncoated ferrous metal wire not exceeding  $\frac{3}{32}$  inches in diameter; and
- d. of sufficient size to create an opening of at least  $3\frac{3}{4}$  inches x  $3\frac{3}{4}$  inches when the panel is removed or opened.

**Non-rectangular wire or plastic mesh traps:**

Must have at least 2 runners and an escape panel which will create an opening of  $3\frac{3}{4}$  inches x  $3\frac{3}{4}$  inches when open. These construction designs must be approved in writing by the Fish and Game Director.

**Wood lath traps – half round, round or rectangular:**

- 1) Every trap must have at least 2 runners and an escape panel.
- 2) An escape panel can be created by 1 untreated, softwood lath running the full length of the parlor section. The lath must have the same dimensions as the other laths on the trap. It must not be located where it will rest on the sea bottom. After disintegration it must leave a space of at least  $3\frac{3}{4}$  inches x  $3\frac{3}{4}$  inches between the adjacent laths. One can also be created by an opening of at least 3 inches between adjacent laths, running the length of the parlor section, which is laced with an untreated natural fiber such as cotton, sisal, hemp, or jute not exceeding  $\frac{3}{16}$  inches in diameter before immersion in sea-water.

**Note:** The Fish and Game Director may exempt specific trap designs from the escape vent and escape panel requirements if it can be conclusively proven that the specific trap design will only take crabs and is incapable of catching lobster. Approval will be granted in writing only after inspection.

## **Gear Marking**

Gear for the taking of crustaceans, whelks and finfish must be marked. All unattended gear (pots, traps or nets) must be marked in the following manner:

- all fixed gear must be permanently marked with the owner's name;
- high flyer buoys must be permanently marked with the owner's name;
- pot or trap trawls must be marked with buoys made of highly visible material set on both ends of the trawl;
- gill nets and longline sets of 6,000 ft. or less must be buoyed on each end to support a vertical shaft at least 5 ft. high with a radar reflector of at least 100 sq. inches reflective material;
- flags and pennants affixed to buoys marking a string of gear must be of uniform color.

### **Lobster and crab pots or traps:**

- the lobsterman's last name and initials must be plainly carved or branded on each pot or trap and buoy;
- any holding car or pen for keeping lobsters and crabs must be permanently marked with the owner's last name and initials carved or branded on it;
- each lobster or crab license holder has a color scheme or special markings indicated on his license. These must be used to mark all of his buoys. These colors must also be displayed on his boat, either by painting an area at least 1 ft. sq. on the port and starboard side of the bow or by setting a painted buoy on the highest point of the boat (excluding the mast) visible for 360 degrees. The buoy or colors must be permanently attached at all times while the lobster or crab gear is being fished.

**Lobster trap tags** – persons taking lobsters by trap are required to purchase trap tags up to the maximum allowed by their license (1,200 for commercial, 600 for limited commercial, 5 for recreational). Additional

trap tags are allowed for routine trap losses. Lobster trap tags are valid for 1 year (June 1 through May 31 of the following calendar year). A valid lobster trap tag shall be securely attached to the frame of the lobster trap in a manner for which it was designed. For more detailed information, contact Fish and Game's Region 3 office, (603) 868-1095.

**Whelk traps** – when fishing solely for whelks, each buoy and trap shall be marked with a "W" and the first initial and last name of licensee.

**Tending of pots and traps used for taking finfish** – must be done between sunrise and sunset.

**Gill nets** – Gill nets used to take, transport or possess cod, haddock, yellowtail flounder or other groundfish shall have a minimum mesh of 6.5 inches and shall be no more than 300 feet in length. There is a limit of 25 gill nets per licensee. Gill nets used for the taking of finfish from the waters of Great Bay estuarine system inland of the Memorial Bridge in Portsmouth, Little Harbor and its tributaries inland of its most seaward jetty; Rye Harbor and its tributaries inland of its most seaward jetty; and inland of the Hampton Harbor Bridge shall be subject to the following:

1. Gill nets shall have a mesh size no larger than 3 inches;
2. Gill nets shall be no longer than 100 feet in length and not wider than 7 feet in width;
3. Gill netting shall only be permitted from April 16 through October 31, only between 2 hours before sunrise until 2 hours after sunset, except as provided in RSA 211:48-b.
4. Netter will be within unaided eyesight of net.

**Mobile gear restrictions** – minimum mesh size 6.5 inches to take, transport or possess cod, haddock, pollock, white hake, redfish, American plaice, windowpane, witch, winter and yellowtail flounders. No mobile gear may be used to take finfish in state waters.

**Seines** – Seines used for taking marine species shall not be greater than 50 square feet. Mesh shall be no smaller than  $\frac{1}{2}$  inch. Seines shall only be manually drawn, pulled or dragged through water.

# **General Information**

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## **REPORTING REQUIREMENTS**

**Commercial clamping** – monthly report required. No softshell clam commercial harvesting is permitted.

**Finfish and Horseshoe crabs** – any person holding a permit to net or harvest from coastal waters is required to submit a monthly report of fishing activities. Forms are available from Fish and Game. Commercial fishermen are urged to voluntarily report catch information to the Department. Fishermen are also urged to participate in the National Marine Fisheries Service weighout program, which also provides landing data.

**Lobster** – all new entrants into the fishery are required to submit a monthly report of catch for at least 1 year. All others are required to participate in a reporting system which is based on a random selection of license holders. Report forms must be carried in the vessel and updated each day.

**Shrimp** – shrimp processors and primary dealers are required to report on a weekly basis. (See page 21.)

## **RESTRICTIONS**

**Operation of motor vehicles and OHRVs on Great Bay** – no person may drive a vehicle or OHRV on the ice on Great Bay unless they hold a N.H. fishing license. No person may park or drive closer than 300 ft. to any occupied bobhouse, shanty or fishing hole other than the one they occupy. Maximum speed limit is 10 MPH. Restrictions do not apply to rescue operations or public service.

**Motor vehicles restricted from clam flats** – motor vehicles are prohibited on any tidal area, exposed at low tide, that is capable of growing clams.

**Marking fishing holes on Great Bay** – unattended fishing holes greater

than 112 sq. inches must be covered by a bobhouse, or marked with a stake extending at least 18 inches above the ice. All fishing holes should be marked for safety reasons.

**Marking bobhouse or smelt shanty**—owner's name and address must appear clearly marked on the outside of the bobhouse or shanty.

**Removal of bobhouse or shanty**—no smelt shanty or bobhouse can remain on public property, public waters, or on the property of another without permission after March 31.

**Sale prohibited**—seaweed, rockweed or sea moss of N.H. origin may not be sold outside the state. Softshell clams and oysters of N.H. origin, striped bass regardless of origin, and quahogs, littlenecks and cherrystones (*Mercenaria mercenaria*) less than 1 inch in shell thickness cannot be sold.

**IT IS UNLAWFUL TO:**

- import any living marine plant or animal for release without a permit;
- set a net so it extends beyond the thread of the stream. The thread of stream means the center of the main channel;
- set a net within 1,000 feet of another net, measured along the thread of the stream;
- take lobsters by diving, spearing or dipping;
- dump dead or injured fish or fish parts within bays, rivers, harbors or upon the shores. This does not restrict the use of fish or fish parts for chum or bait, nor the releasing of dead or injured undersized fish taken by angling;
- be on a fishway without permission;
- take salmon or striped bass by netting, except when landing by use of hand-held dip nets;
- harvest finfish, horseshoe crabs or American eels in marine or tidal waters (if other than by angling) without obtaining a harvest permit.

## CLOSED AREAS

**All coastal waters** – are closed to the use of mobile gear, except as permitted by the Executive Director.

**Fishways** – no person is allowed in or on a fishway without permission. The waters surrounding any dam containing a fishway are closed to all fishing (including finfish), except eels may be taken by traps, pots or spears within the tidal portions from June 15-October 1:

**Cocheco River** – from the upstream side of Central Ave. Bridge to downstream side of Washington St. Bridge in Dover.

**Exeter River (downtown)** – from the upstream side of High Street (Great) Bridge to downstream side of Chestnut Street (String) Bridge (on Squamscott River) in Exeter.

**Exeter River (Pickpocket Dam)** – from the upstream side of Pickpocket Dam and fishway, including a 50 ft. radius in front of fishway on the upstream side, to downstream side of Cross Roads Bridge in the towns of Brentwood and Exeter.

**Lamprey River** – from upstream side of the Route 108 Bridge to the downstream side of the McCallen Co. covered bridge walkway (tidal water) in Newmarket.

**Oyster River** – from the upstream side of dam and fishway, including a 50 ft. radius in front of the fishway, to the downstream side of Rte. 108 bridge in Durham.

**Taylor River** – from the upstream side of fishway and dams, including a 50 ft. radius in front of the fishway on the upstream side, to a line perpendicular to south end of south overflow culvert at Rte. 95 to opposite side of river (east).

**Winnicut River** – is open to angling from the dam and fish ladder to the south side of the Boston and Maine railroad bridge, except

within a 25 ft. radius in front of the downstream portion of the fishway and within a 6 ft. radius upstream of the fishway.

**Lamprey River** – use of nets RSA 211:48-b. Contact Fish and Game at (603) 271-3127 for full laws.

**Piscataqua River, including Great Bay estuary and tributaries** (inland of the Memorial Bridge) – is closed to the use of gill nets with mesh larger than 3 inches.

**Rye Harbor** – is closed to the taking of lobsters and crabs.

**Taylor River** – is closed to the taking of alewives and bluebacks (river herring) by netting of any kind west of Rte. 1.

## **SEARCH & SEIZURE**

### **Prohibition**

It is unlawful to throw, dump, destroy or otherwise dispose of any fish, lobsters, crabs, or shellfish when a conservation officer has informed a person his boat, motor vehicle, wharf, dock or landing, or contents thereof, are about to be inspected. The same applies to any pot, trap, car, or any other receptacle used to catch or store lobsters or crabs. Any person who refuses or attempts to refuse to stand by for such inspection is guilty of a misdemeanor. Any lobsters or crabs, thrown or dumped or caused to be thrown or dumped, are *prima facie* evidence they were illegally taken. A person is guilty of a violation for each lobster or crab thrown or dumped.

### **Search and Seizure**

**Any conservation officer has the power to search without a warrant any person, boat, conveyance and equipment capable of holding marine species when he has reasonable cause to suspect illegal taking of such species.**

With a search warrant, he may enter any building, enclosure, motor

vehicle or car, and break open and examine the contents of any apartment, chest, locker, box, trunk, crate, basket, bag, package or container.

A conservation officer may seize and take possession of any marine species illegally caught, taken, killed, possessed or under control, or which have been or are about to be shipped.

Conservation officers may raise and examine any pot, trap, car or other contrivance used for the taking or holding of marine species, and seize same if used in violation of the laws, rules or regulations. Such equipment will be held until all fines and costs are paid in full. If not paid within 60 days after imposition, the equipment may be sold at public auction.

Conservation officers have authority to board any boat under jurisdiction of the state, with or without a warrant, if they suspect violations in taking marine species.

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**[www.wildlife.state.nh.us](http://www.wildlife.state.nh.us)**

- Clamflat status
- Fishing forecasts
- Fishing information
- Record Fish
- Stocking Report
- Guides

## Tide Tables/March 2004

Portsmouth Harbor, NH

DATE	HIGH				LOW				SUN			
	AM	hgt	PM	hgt	AM	hgt	PM	hgt	rise	set		
1 Mon	6:55	7.1	7:49	6.3	12:32	1.9	1:29	1.2	6:18	5:33		
2 Tue	7:54	7.3	8:42	6.5	1:32	1.8	2:24	1.0	6:17	5:34		
3 Wed	8:46	7.6	9:28	6.8	2:26	1.6	3:11	0.7	6:15	5:35		
4 Thu	9:33	7.9	10:09	7.2	3:13	1.2	3:52	0.3	6:13	5:37		
5 Fri	10:15	8.3	10:46	7.6	3:56	0.8	4:29	0.0	6:12	5:38		
6 Sat	10:54	8.5	11:22	8.0	4:36	0.3	5:05	-0.3	6:10	5:39		
7 Sun	11:34	8.7	11:58	8.4	5:16	0.0	5:42	-0.5	6:08	5:40		
8 Mon	-	-	12:14	8.8	5:57	-0.4	6:20	-0.6	6:07	5:41		
9 Tue	12:36	8.7	12:57	8.7	6:40	-0.6	7:00	-0.5	6:05	5:43		
10 Wed	1:17	8.9	1:43	8.5	7:26	-0.7	7:43	-0.3	6:03	5:44		
11 Thu	2:01	8.9	2:33	8.1	8:15	-0.6	8:30	0.0	6:01	5:45		
12 Fri	2:50	8.8	3:29	7.7	9:10	-0.4	9:23	0.4	6:00	5:46		
13 Sat	3:45	8.6	4:32	7.3	10:10	-0.1	10:24	0.8	5:58	5:48		
14 Sun	4:48	8.4	5:43	7.1	11:19	0.1	11:32	1.0	5:56	5:49		
15 Mon	5:59	8.2	6:57	7.0	-	-	12:32	0.2	5:54	5:50		
16 Tue	7:12	8.2	8:07	7.3	12:46	1.0	1:42	0.1	5:53	5:51		
17 Wed	8:22	8.4	9:07	7.6	1:57	0.8	2:45	-0.1	5:51	5:52		
18 Thu	9:22	8.6	10:00	8.0	2:59	0.4	3:39	-0.4	5:49	5:53		
19 Fri	0:15	8.8	10:46	8.3	3:54	0.1	4:27	-0.5	5:47	5:55		
20 Sat	11:03	8.8	11:28	8.5	4:44	-0.2	5:11	-0.5	5:46	5:56		
21 Sun	11:47	8.7	-	-	5:29	-0.4	5:51	-0.3	5:44	5:57		
22 Mon	12:07	8.6	12:28	8.5	6:11	-0.4	6:28	-0.1	5:42	5:58		
23 Tue	12:44	8.5	1:08	8.1	6:52	-0.2	7:05	0.3	5:40	5:59		
24 Wed	1:20	8.4	1:49	7.8	7:32	0.0	7:42	0.7	5:38	6:01		
25 Thu	1:57	8.1	2:30	7.3	8:13	0.3	8:21	1.1	5:37	6:02		
26 Fri	2:36	7.9	3:15	6.9	8:56	0.6	9:03	1.5	5:35	6:03		
27 Sat	3:20	7.6	4:05	6.6	9:44	0.9	9:50	1.8	5:33	6:04		
28 Sun	4:09	7.3	5:00	6.4	10:37	1.2	10:44	2.0	5:31	6:05		
29 Mon	5:05	7.1	6:01	6.3	11:37	1.3	11:45	2.1	5:30	6:06		
30 Tue	6:06	7.1	7:01	6.4	-	-	12:38	1.3	5:28	6:08		
31 Wed	7:08	7.2	7:56	6.7	12:47	1.9	1:34	1.1	5:26	6:09		

## Tide Tables/April 2004

Portsmouth Harbor, NH

DATE	HIGH				LOW				SUN		
	AM	hgt	PM	hgt	AM	hgt	PM	hgt	rise	set	
1 Thu	8:04	7.5	8:44	7.1	1:44	1.6	2:24	0.8	5:24	6:10	
2 Fri	8:54	7.9	9:26	7.6	2:36	1.1	3:08	0.4	5:23	6:11	
3 Sat	9:40	8.3	10:06	8.2	3:22	0.6	3:49	0.1	5:21	6:12	
4 Sun	11:24	8.6	11:45	8.7	5:06	0.0	5:28	-0.3	6:19	7:13	
5 Mon	-	-	12:07	8.8	5:50	-0.5	6:08	-0.4	6:17	7:15	
6 Tue	12:25	9.1	12:52	8.8	6:34	-0.8	6:50	-0.5	6:16	7:16	
7 Wed	1:07	9.4	1:38	8.7	7:20	-1.1	7:34	-0.4	6:14	7:17	
8 Thu	1:51	9.5	2:28	8.5	8:09	-1.1	8:21	-0.2	6:12	7:18	
9 Fri	2:39	9.4	3:21	8.2	9:01	-0.9	9:13	0.2	6:11	7:19	
10 Sat	3:32	9.2	4:20	7.8	9:58	-0.6	10:10	0.6	6:09	7:20	
11 Sun	4:31	8.8	5:26	7.4	11:00	-0.2	11:15	1.0	6:07	7:22	
12 Mon	5:38	8.4	6:37	7.3	-	-	12:09	0.1	6:05	7:23	
13 Tue	6:51	8.2	7:48	7.4	12:27	1.1	1:20	0.2	6:04	7:24	
14 Wed	8:04	8.1	8:53	7.6	1:40	1.1	2:27	0.2	6:02	7:25	
15 Thu	9:11	8.2	9:50	7.9	2:49	0.8	3:26	0.1	6:00	7:26	
16 Fri	10:09	8.3	10:39	8.3	3:49	0.5	4:18	0.1	5:59	7:27	
17 Sat	11:00	8.4	11:23	8.5	4:41	0.1	5:04	0.0	5:57	7:29	
18 Sun	11:46	8.3	-	-	5:28	-0.1	5:45	0.1	5:56	7:30	
19 Mon	12:02	8.6	12:28	8.2	6:10	-0.2	6:22	0.3	5:54	7:31	
20 Tue	12:38	8.6	1:07	8.0	6:50	-0.2	6:58	0.5	5:52	7:32	
21 Wed	1:13	8.6	1:45	7.8	7:28	-0.1	7:33	0.8	5:51	7:33	
22 Thu	1:47	8.4	2:24	7.5	8:05	0.1	8:09	1.1	5:49	7:34	
23 Fri	2:23	8.2	3:03	7.2	8:44	0.3	8:47	1.4	5:48	7:35	
24 Sat	3:01	8.0	3:46	7.0	9:24	0.6	9:28	1.6	5:46	7:37	
25 Sun	3:44	7.7	4:32	6.7	10:09	0.9	10:14	1.9	5:45	7:38	
26 Mon	4:31	7.5	5:22	6.6	10:57	1.1	11:06	2.0	5:43	7:39	
27 Tue	5:24	7.4	6:17	6.6	11:50	1.2	-	-	5:42	7:40	
28 Wed	6:21	7.3	7:12	6.7	12:02	2.0	12:46	1.2	5:40	7:41	
29 Thu	7:20	7.4	8:05	7.1	1:02	1.8	1:40	1.0	5:39	7:42	
30 Fri	8:17	7.6	8:55	7.5	2:00	1.5	2:32	0.8	5:38	7:44	

## Tide Tables/May 2004

Portsmouth Harbor, NH

DATE	HIGH				LOW				SUN		
	AM	hgt	PM	hgt	AM	hgt	PM	hgt	rise	set	
1 Sat	9:11	7.9	9:41	8.1	2:55	1.0	3:20	0.5	5:36	7:45	
2 Sun	10:03	8.2	10:25	8.7	3:46	0.4	4:06	0.1	5:35	7:46	
3 Mon	10:52	8.5	11:09	9.2	4:35	-0.2	4:51	-0.1	5:33	7:47	
4 Tue	11:41	8.7	11:54	9.6	5:24	-0.8	5:36	-0.3	5:32	7:48	
5 Wed	-	-	12:31	8.7	6:12	-1.1	6:23	-0.3	5:31	7:49	
6 Thu	12:41	9.9	1:22	8.6	7:02	-1.3	7:12	-0.2	5:30	7:50	
7 Fri	1:30	9.9	2:15	8.5	7:54	-1.3	8:04	0.0	5:28	7:52	
8 Sat	2:23	9.7	3:12	8.2	8:49	-1.1	9:00	0.3	5:27	7:53	
9 Sun	3:20	9.4	4:13	7.9	9:47	-0.7	10:00	0.7	5:26	7:54	
10 Mon	4:22	9.0	5:18	7.7	10:50	-0.3	11:07	0.9	5:25	7:55	
11 Tue	5:29	8.5	6:24	7.7	11:55	0.0	-	-	5:24	7:56	
12 Wed	6:38	8.2	7:29	7.8	12:17	1.0	1:01	0.2	5:22	7:57	
13 Thu	7:47	8.0	8:30	8.0	1:27	1.0	2:03	0.4	5:21	7:58	
14 Fri	8:51	7.9	9:24	8.2	2:32	0.8	2:59	0.4	5:20	7:59	
15 Sat	9:48	7.9	10:12	8.4	3:30	0.5	3:49	0.5	5:19	8:00	
16 Sun	10:39	7.9	10:55	8.5	4:22	0.3	4:35	0.6	5:18	8:01	
17 Mon	11:25	7.8	11:34	8.6	5:08	0.1	5:16	0.7	5:17	8:02	
18 Tue	-	-	12:07	7.7	5:50	0.0	5:54	0.9	5:16	8:03	
19 Wed	12:10	8.6	12:46	7.6	6:29	0.0	6:30	1.1	5:15	8:04	
20 Thu	12:44	8.5	1:24	7.4	7:06	0.1	7:05	1.2	5:14	8:05	
21 Fri	1:19	8.4	2:02	7.3	7:43	0.2	7:41	1.4	5:14	8:06	
22 Sat	1:55	8.2	2:40	7.1	8:20	0.4	8:19	1.5	5:13	8:07	
23 Sun	2:34	8.1	3:21	7.0	8:59	0.6	9:00	1.7	5:12	8:08	
24 Mon	3:16	7.9	4:03	6.9	9:40	0.7	9:44	1.8	5:11	8:09	
25 Tue	4:01	7.8	4:49	6.9	10:24	0.8	10:33	1.8	5:10	8:10	
26 Wed	4:49	7.7	5:37	7.0	11:11	0.9	11:25	1.7	5:10	8:11	
27 Thu	5:41	7.6	6:26	7.2	-	-	12:00	0.9	5:09	8:12	
28 Fri	6:36	7.6	7:17	7.6	12:22	1.5	12:51	0.8	5:08	8:13	
29 Sat	7:33	7.6	8:08	8.1	1:19	1.2	1:43	0.6	5:08	8:14	
30 Sun	8:31	7.8	8:58	8.6	2:17	0.7	2:34	0.5	5:07	8:15	
31 Mon	9:28	8.0	9:48	9.1	3:13	0.2	3:26	0.2	5:07	8:15	

## Tide Tables/June 2004

Portsmouth Harbor, NH

DATE	HIGH				LOW				SUN	
	AM	hgt	PM	hgt	AM	hgt	PM	hgt	rise	set
1 Tue	10:23	8.2	10:38	9.6	4:07	-0.4	4:17	0.1	5:06	8:16
2 Wed	11:18	8.4	11:29	9.9	5:00	-0.9	5:08	-0.1	5:06	8:17
3 Thu	-	-	12:12	8.5	5:53	-1.2	6:01	-0.1	5:05	8:18
4 Fri	12:21	10.1	1:07	8.5	6:47	-1.4	6:54	-0.1	5:05	8:18
5 Sat	1:14	10.0	2:03	8.4	7:41	-1.3	7:50	0.1	5:05	8:19
6 Sun	2:10	9.8	3:01	8.3	8:37	-1.1	8:48	0.3	5:04	8:20
7 Mon	3:09	9.5	4:00	8.2	9:35	-0.8	9:49	0.5	5:04	8:20
8 Tue	4:10	9.0	5:01	8.1	10:34	-0.4	10:53	0.7	5:04	8:21
9 Wed	5:13	8.6	6:02	8.0	11:34	-0.1	11:59	0.9	5:03	8:22
10 Thu	6:17	8.2	7:01	8.0	-	-	12:33	0.3	5:03	8:22
11 Fri	7:21	7.8	7:58	8.1	1:05	0.9	1:30	0.6	5:03	8:23
12 Sat	8:23	7.6	8:50	8.2	2:07	0.8	2:25	0.8	5:03	8:23
13 Sun	9:20	7.4	9:39	8.3	3:05	0.7	3:16	1.0	5:03	8:24
14 Mon	10:13	7.3	10:23	8.3	3:57	0.5	4:02	1.1	5:03	8:24
15 Tue	11:01	7.3	1:04	8.4	4:45	0.4	4:46	1.2	5:03	8:24
16 Wed	11:44	7.3	11:43	8.4	5:28	0.3	5:26	1.3	5:03	8:25
17 Thu	-	-	12:25	7.2	6:08	0.3	6:04	1.4	5:03	8:25
18 Fri	12:20	8.4	1:03	7.2	6:45	0.3	6:41	1.4	5:03	8:25
19 Sat	12:57	8.3	1:40	7.2	7:22	0.3	7:18	1.4	5:03	8:26
20 Sun	1:34	8.3	2:18	7.1	7:58	0.4	7:56	1.5	5:03	8:26
21 Mon	2:12	8.2	2:55	7	8:35	0.4	8:35	1.5	5:04	8:26
22 Tue	2:51	8.1	3:34	7.2	9:13	0.5	9:18	1.5	5:04	8:26
23 Wed	3:33	8.0	4:15	7.3	9:52	0.5	10:04	1.4	5:04	8:26
24 Thu	4:18	7.9	4:59	7.5	10:35	0.5	10:53	1.3	5:05	8:27
25 Fri	5:07	7.8	5:45	7.8	11:20	0.5	11:47	1.1	5:05	8:27
26 Sat	6:00	7.7	6:35	8.1	-	-	12:09	0.5	5:05	8:27
27 Sun	6:57	7.6	7:27	8.4	12:44	0.8	1:01	0.5	5:06	8:27
28 Mon	7:58	7.6	8:22	8.8	1:44	0.5	1:57	0.5	5:06	8:27
29 Tue	8:59	7.7	9:17	9.2	2:44	0.0	2:53	0.4	5:07	8:26
30 Wed	10:00	7.9	1:14	9.6	3:44	-0.4	3:51	0.3	5:07	8:26

## Tide Tables/July 2004

Portsmouth Harbor, NH

DATE	HIGH				LOW				SUN		
	AM	hgt	PM	hgt	AM	hgt	PM	hgt	rise	set	
1 Thu	11:00	8.1	11:10	9.9	4:42	-0.8	4:48	0.1	5:08	8:26	
2 Fri	11:57	8.2	-	-	5:38	-1.1	5:44	0.0	5:08	8:26	
3 Sat	12:06	10.0	12:54	8.4	6:33	-1.3	6:40	-0.1	5:09	8:26	
4 Sun	1:02	10.0	1:49	8.4	7:28	-1.2	7:37	0.0	5:09	8:25	
5 Mon	1:58	9.8	2:44	8.4	8:22	-1.1	8:34	0.1	5:10	8:25	
6 Tue	2:55	9.4	3:40	8.4	9:16	-0.8	9:32	0.3	5:11	8:25	
7 Wed	3:52	9.0	4:35	8.3	10:10	-0.4	10:32	0.5	5:11	8:24	
8 Thu	4:50	8.5	5:30	8.2	11:03	0.0	11:33	0.7	5:12	8:24	
9 Fri	5:49	7.9	6:24	8.1	11:57	0.4	-	-	5:13	8:24	
10 Sat	6:49	7.5	7:18	8.0	12:34	0.8	12:52	0.8	5:13	8:23	
11 Sun	7:49	7.2	8:11	8.0	1:35	0.9	1:46	1.2	5:14	8:23	
12 Mon	8:48	7.0	9:02	8.0	2:33	0.9	2:39	1.4	5:15	8:22	
13 Tue	9:43	6.9	9:51	8.0	3:28	0.8	3:29	1.5	5:16	8:21	
14 Wed	10:34	6.9	10:36	8.1	4:18	0.7	4:16	1.5	5:17	8:21	
15 Thu	11:19	7.0	11:18	8.2	5:03	0.5	4:59	1.5	5:18	8:20	
16 Fri	11:59	7.0	11:58	8.3	5:44	0.4	5:39	1.4	5:18	8:19	
17 Sat	-	-	12:39	7.1	6:22	0.4	6:17	1.3	5:19	8:19	
18 Sun	12:35	8.3	1:15	7.2	6:58	0.3	6:55	1.2	5:20	8:18	
19 Mon	1:12	8.4	1:51	7.3	7:33	0.3	7:32	1.1	5:21	8:17	
20 Tue	1:49	8.4	2:26	7.4	8:07	0.2	8:11	1.1	5:22	8:16	
21 Wed	2:27	8.3	3:02	7.6	8:43	0.2	8:52	1.0	5:23	8:15	
22 Thu	3:07	8.2	3:41	7.8	9:20	0.2	9:36	0.9	5:24	8:14	
23 Fri	3:51	8.1	4:23	8.0	10:01	0.3	10:25	0.7	5:25	8:14	
24 Sat	4:39	7.9	5:09	8.2	10:46	0.3	11:18	0.6	5:26	8:13	
25 Sun	5:32	7.7	6:00	8.4	11:35	0.5	-	-	5:27	8:12	
26 Mon	6:30	7.5	6:55	8.6	12:16	0.5	12:30	0.6	5:28	8:11	
27 Tue	7:34	7.4	7:55	8.8	1:19	0.3	1:29	0.6	5:29	8:10	
28 Wed	8:40	7.4	8:57	9.1	2:24	0.0	2:31	0.6	5:30	8:08	
29 Thu	9:45	7.6	9:59	9.4	3:27	-0.3	3:34	0.4	5:31	8:07	
30 Fri	10:47	7.9	10:59	9.6	4:28	-0.7	4:34	0.2	5:32	8:06	
31 Sat	11:45	8.2	11:56	9.8	5:25	-0.9	5:32	0.0	5:33	8:05	

## Tide Tables/August 2004

Portsmouth Harbor, NH

DATE	HIGH				LOW				SUN	
	AM	hgt	PM	hgt	AM	hgt	PM	hgt	rise	set
1 Sun	-	-	12:39	8.4	6:19	-1.1	6:28	-0.2	5:34	8:04
2 Mon	12:51	9.8	1:31	8.5	7:11	-1.1	7:23	-0.2	5:35	8:03
3 Tue	1:44	9.6	2:21	8.6	8:01	-0.9	8:16	-0.2	5:36	8:01
4 Wed	2:36	9.2	3:11	8.5	8:50	-0.6	9:10	0.0	5:37	8:00
5 Thu	3:28	8.7	4:00	8.4	9:38	-0.2	10:04	0.3	5:38	7:59
6 Fri	4:21	8.2	4:50	8.2	10:27	0.3	10:59	0.6	5:39	7:58
7 Sat	5:15	7.6	5:41	8.0	11:17	0.8	11:57	0.8	5:40	7:56
8 Sun	6:13	7.2	6:34	7.8	-	-	12:09	1.2	5:42	7:55
9 Mon	7:12	6.8	7:28	7.6	12:57	1.0	1:04	1.5	5:43	7:54
10 Tue	8:13	6.6	8:24	7.6	1:56	1.1	2:00	1.7	5:44	7:52
11 Wed	9:10	6.6	9:17	7.7	2:54	1.0	2:55	1.7	5:45	7:51
12 Thu	10:03	6.7	10:07	7.9	3:47	0.9	3:46	1.6	5:46	7:49
13 Fri	10:49	6.9	10:51	8.0	4:33	0.7	4:31	1.5	5:47	7:48
14 Sat	11:31	7.1	11:32	8.2	5:15	0.6	5:13	1.2	5:48	7:46
15 Sun	-	-	12:08	7.3	5:53	0.4	5:52	1.0	5:49	7:45
16 Mon	12:10	8.4	12:43	7.5	6:27	0.2	6:29	0.8	5:50	7:43
17 Tue	12:47	8.5	1:17	7.7	7:01	0.1	7:06	0.6	5:51	7:42
18 Wed	1:23	8.5	1:52	7.9	7:35	0.0	7:45	0.5	5:52	7:40
19 Thu	2:02	8.5	2:28	8.1	8:10	0.0	8:26	0.3	5:54	7:39
20 Fri	2:42	8.3	3:07	8.3	8:48	0.1	9:11	0.3	5:55	7:37
21 Sat	3:27	8.1	3:50	8.5	9:30	0.2	10:01	0.2	5:56	7:36
22 Sun	4:16	7.9	4:38	8.5	10:17	0.4	10:55	0.2	5:57	7:34
23 Mon	5:11	7.6	5:32	8.6	11:09	0.6	11:56	0.3	5:58	7:32
24 Tue	6:13	7.3	6:33	8.6	-	-	12:08	0.8	5:59	7:31
25 Wed	7:21	7.2	7:39	8.7	1:02	0.3	1:12	0.9	6:00	7:29
26 Thu	8:30	7.3	8:46	8.8	2:11	0.1	2:20	0.8	6:01	7:27
27 Fri	9:37	7.6	9:51	9.1	3:17	-0.1	3:26	0.5	6:02	7:26
28 Sat	10:37	7.9	10:51	9.3	4:17	-0.4	4:27	0.2	6:03	7:24
29 Sun	11:31	8.3	11:46	9.5	5:12	-0.7	5:23	-0.1	6:04	7:22
30 Mon	-	-	12:21	8.6	6:03	-0.8	6:16	-0.3	6:06	7:21
31 Tue	12:37	9.4	1:08	8.7	6:50	-0.8	7:06	-0.4	6:07	7:19

## Tide Tables/September 2004 Portsmouth Harbor, NH

DATE	HIGH				LOW				SUN	
	AM	hgt	PM	hgt	AM	hgt	PM	hgt	rise	set
1 Wed	1:26	9.2	1:53	8.7	7:35	-0.6	7:55	-0.3	6:08	7:17
2 Thu	2:14	8.8	2:37	8.6	8:19	-0.2	8:43	-0.1	6:09	7:15
3 Fri	3:01	8.4	3:21	8.4	9:03	0.2	9:32	0.2	6:10	7:14
4 Sat	3:49	7.8	4:07	8.1	9:47	0.7	10:22	0.6	6:11	7:12
5 Sun	4:40	7.3	4:54	7.8	10:34	1.2	11:16	0.9	6:12	7:10
6 Mon	5:34	6.9	5:46	7.5	11:25	1.6	-	-	6:13	7:08
7 Tue	6:33	6.6	6:43	7.4	12:14	1.2	12:21	1.9	6:14	7:07
8 Wed	7:34	6.5	7:42	7.3	1:15	1.3	1:20	2.0	6:15	7:05
9 Thu	8:33	6.5	8:40	7.5	2:15	1.3	2:19	1.9	6:16	7:03
10 Fri	9:26	6.7	9:33	7.7	3:09	1.1	3:12	1.7	6:18	7:01
11 Sat	10:13	7.0	10:19	8.0	3:57	0.9	4:00	1.4	6:19	6:59
12 Sun	10:54	7.3	11:01	8.2	4:38	0.6	4:42	1.0	6:20	6:58
13 Mon	11:31	7.6	11:40	8.4	5:15	0.4	5:22	0.7	6:21	6:56
14 Tue	-	-	12:06	8.0	5:50	0.2	6:00	0.4	6:22	6:54
15 Wed	12:18	8.6	12:40	8.3	6:24	0.0	6:39	0.1	6:23	6:52
16 Thu	12:56	8.6	1:16	8.6	7:00	-0.1	7:20	-0.1	6:24	6:50
17 Fri	1:37	8.6	1:54	8.8	7:38	-0.1	8:03	-0.3	6:25	6:49
18 Sat	2:20	8.4	2:36	8.9	8:19	0.0	8:50	-0.3	6:26	6:47
19 Sun	3:07	8.1	3:23	8.9	9:04	0.2	9:41	-0.2	6:27	6:45
20 Mon	3:59	7.8	4:15	8.8	9:54	0.5	10:38	0.0	6:29	6:43
21 Tue	4:58	7.5	5:14	8.6	10:51	0.8	11:42	0.2	6:30	6:41
22 Wed	6:04	7.3	6:20	8.5	11:55	1.0	-	-	6:31	6:40
23 Thu	7:15	7.2	7:32	8.4	12:52	0.3	1:06	1.0	6:32	6:38
24 Fri	8:25	7.4	8:42	8.6	2:02	0.2	2:16	0.9	6:33	6:36
25 Sat	9:29	7.8	9:46	8.8	3:07	0.0	3:22	0.5	6:34	6:34
26 Sun	10:25	8.2	10:42	9.0	4:04	-0.2	4:20	0.1	6:35	6:32
27 Mon	11:15	8.5	11:34	9.0	4:55	-0.4	5:13	-0.2	6:36	6:31
28 Tue	-	-	12:00	8.8	5:42	-0.4	6:02	-0.4	6:37	6:29
29 Wed	12:21	9.0	12:42	8.9	6:25	-0.3	6:48	-0.4	6:39	6:27
30 Thu	1:06	8.7	1:23	8.8	7:06	-0.1	7:32	-0.3	6:40	6:25

## Tide Tables/October 2004

Portsmouth Harbor, NH

DATE	HIGH				LOW				SUN		
	AM	hgt	PM	hgt	AM	hgt	PM	hgt	rise	set	
1 Fri	1:50	8.4	2:02	8.6	7:46	0.3	8:15	-0.1	6:41	6:24	
2 Sat	2:33	8.0	2:42	8.4	8:27	0.7	8:59	0.2	6:42	6:22	
3 Sun	3:18	7.5	3:24	8.0	9:08	1.1	9:45	0.6	6:43	6:20	
4 Mon	4:05	7.1	4:10	7.7	9:53	1.5	10:35	0.9	6:44	6:18	
5 Tue	4:56	6.8	5:00	7.4	10:42	1.8	11:30	1.2	6:45	6:16	
6 Wed	5:53	6.5	5:57	7.3	11:37	2.0	-	-	6:47	6:15	
7 Thu	6:52	6.5	6:58	7.2	12:29	1.4	12:38	2.1	6:48	6:13	
8 Fri	7:50	6.6	7:58	7.3	1:28	1.4	1:38	2.0	6:49	6:11	
9 Sat	8:43	6.8	8:52	7.5	2:23	1.2	2:33	1.7	6:50	6:10	
10 Sun	9:29	7.2	9:40	7.8	3:11	1.0	3:23	1.3	6:51	6:08	
11 Mon	10:11	7.6	10:25	8.1	3:53	0.7	4:07	0.8	6:52	6:06	
12 Tue	10:49	8.1	11:06	8.4	4:32	0.4	4:49	0.3	6:54	6:05	
13 Wed	11:26	8.5	11:47	8.5	5:09	0.1	5:31	-0.1	6:55	6:03	
14 Thu	-	-	12:03	8.9	5:47	-0.1	6:12	-0.5	6:56	6:01	
15 Fri	12:30	8.6	12:43	9.2	6:26	-0.1	6:56	-0.7	6:57	6:00	
16 Sat	1:14	8.6	1:25	9.3	7:08	-0.1	7:42	-0.8	6:58	5:58	
17 Sun	2:01	8.4	2:11	9.3	7:53	0.1	8:32	-0.7	7:00	5:56	
18 Mon	2:52	8.1	3:02	9.2	8:43	0.3	9:26	-0.5	7:01	5:55	
19 Tue	3:48	7.8	3:59	8.9	9:38	0.6	10:26	-0.2	7:02	5:53	
20 Wed	4:50	7.5	5:02	8.6	10:40	0.9	11:32	0.1	7:03	5:52	
21 Thu	5:59	7.4	6:13	8.4	11:49	1.1	-	-	7:04	5:50	
22 Fri	7:09	7.4	7:25	8.3	12:42	0.2	1:01	1.0	7:06	5:49	
23 Sat	8:15	7.7	8:34	8.3	1:50	0.2	2:12	0.8	7:07	5:47	
24 Sun	9:15	8.0	9:36	8.4	2:51	0.1	3:15	0.4	7:08	5:46	
25 Mon	10:07	8.4	10:30	8.5	3:46	0.0	4:11	0.1	7:09	5:44	
26 Tue	10:54	8.7	11:19	8.5	4:34	0.0	5:01	-0.2	7:11	5:43	
27 Wed	11:37	8.8	-	-	5:19	0.0	5:46	-0.4	7:12	5:41	
28 Thu	12:05	8.4	12:16	8.8	5:59	0.2	6:29	-0.4	7:13	5:40	
29 Fri	12:47	8.2	12:53	8.7	6:38	0.4	7:10	-0.2	7:14	5:38	
30 Sat	1:28	7.9	1:30	8.5	7:16	0.7	7:50	0.0	7:16	5:37	
31 Sun	1:08	7.6	1:08	8.3	6:54	1.1	7:30	0.3	6:17	4:36	

## Tide Tables/November 2004 Portsmouth Harbor, NH

DATE	HIGH				LOW				SUN	
	AM	hgt	PM	hgt	AM	hgt	PM	hgt	rise	set
1 Mon	1:50	7.3	1:48	8.0	7:34	1.4	8:12	0.6	6:18	4:34
2 Tue	2:34	7.0	2:32	7.7	8:16	1.6	8:58	0.9	6:20	4:33
3 Wed	3:21	6.7	3:21	7.5	9:04	1.9	9:48	1.1	6:21	4:32
4 Thu	4:12	6.6	4:14	7.3	9:56	2.0	10:41	1.3	6:22	4:31
5 Fri	5:07	6.6	5:11	7.2	10:53	2.0	11:36	1.3	6:23	4:29
6 Sat	6:01	6.7	6:09	7.2	11:52	1.9	-	-	6:25	4:28
7 Sun	6:53	7.0	7:05	7.4	12:28	1.2	12:49	1.6	6:26	4:27
8 Mon	7:40	7.4	7:57	7.6	1:18	1.0	1:41	1.1	6:27	4:26
9 Tue	8:24	7.9	8:46	7.9	2:03	0.7	2:30	0.6	6:29	4:25
10 Wed	9:06	8.4	9:32	8.2	2:47	0.4	3:16	0.0	6:30	4:24
11 Thu	9:48	9.0	10:19	8.4	3:29	0.1	4:02	-0.5	6:31	4:23
12 Fri	10:30	9.4	11:06	8.5	4:13	-0.1	4:48	-0.9	6:32	4:22
13 Sat	11:15	9.7	11:54	8.5	4:57	-0.1	5:35	-1.1	6:34	4:21
14 Sun	-	-	12:02	9.8	5:44	-0.1	6:25	-1.2	6:35	4:20
15 Mon	12:45	8.3	12:52	9.7	6:34	0.0	7:18	-1.1	6:36	4:19
16 Tue	1:39	8.1	1:47	9.4	7:27	0.2	8:14	-0.8	6:37	4:18
17 Wed	2:38	7.9	2:47	9.0	8:26	0.5	9:15	-0.4	6:39	4:17
18 Thu	3:41	7.7	3:52	8.6	9:30	0.7	10:19	-0.1	6:40	4:16
19 Fri	4:47	7.7	5:02	8.3	10:40	0.9	11:25	0.1	6:41	4:16
20 Sat	5:53	7.7	6:12	8.1	11:51	0.8	-	-	6:42	4:15
21 Sun	6:56	7.9	7:19	8.0	12:29	0.2	12:59	0.7	6:44	4:14
22 Mon	7:53	8.2	8:20	7.9	1:28	0.3	2:01	0.4	6:45	4:13
23 Tue	8:45	8.4	9:14	7.9	2:22	0.4	2:56	0.1	6:46	4:13
24 Wed	9:31	8.6	10:03	7.9	3:10	0.4	3:45	-0.1	6:47	4:12
25 Thu	10:13	8.7	10:48	7.8	3:54	0.5	4:30	-0.2	6:48	4:12
26 Fri	10:52	8.6	11:29	7.6	4:35	0.7	5:11	-0.2	6:50	4:11
27 Sat	11:29	8.5	-	-	5:14	0.9	5:50	-0.1	6:51	4:11
28 Sun	12:08	7.5	12:05	8.4	5:51	1.0	6:28	0.0	6:52	4:10
29 Mon	12:47	7.3	12:42	8.2	6:28	1.2	7:06	0.2	6:53	4:10
30 Tue	1:25	7.1	1:21	8.0	7:06	1.4	7:45	0.5	6:54	4:09

## Tide Tables/December 2004 Portsmouth Harbor, NH

DATE	HIGH				LOW				SUN	
	AM	hgt	PM	hgt	AM	hgt	PM	hgt	rise	set
1 Wed	2:06	7.0	2:02	7.8	7:46	1.5	8:26	0.7	6:55	4:09
2 Thu	2:48	6.8	2:47	7.6	8:30	1.6	9:09	0.8	6:56	4:09
3 Fri	3:33	6.8	3:34	7.4	9:18	1.7	9:55	0.9	6:57	4:09
4 Sat	4:21	6.8	4:26	7.3	10:10	1.7	10:43	1.0	6:58	4:08
5 Sun	5:10	7.0	5:20	7.2	11:05	1.6	11:33	1.0	6:59	4:08
6 Mon	5:59	7.3	6:16	7.3	-	-	12:02	1.3	7:00	4:08
7 Tue	6:49	7.7	7:12	7.4	12:23	0.8	12:58	0.9	7:01	4:08
8 Wed	7:38	8.2	8:08	7.6	1:14	0.7	1:53	0.4	7:02	4:08
9 Thu	8:26	8.7	9:01	7.8	2:04	0.4	2:45	-0.2	7:03	4:08
10 Fri	9:14	9.2	9:54	8.1	2:54	0.2	3:37	-0.7	7:04	4:08
11 Sat	10:04	9.6	10:46	8.2	3:44	0.0	4:27	-1.1	7:05	4:08
12 Sun	10:54	9.9	11:38	8.3	4:34	-0.2	5:19	-1.4	7:06	4:08
13 Mon	11:45	9.9	-	-	5:26	-0.2	6:11	-1.4	7:06	4:08
14 Tue	12:31	8.3	12:39	9.8	6:19	-0.2	7:05	-1.3	7:07	4:09
15 Wed	1:27	8.3	1:36	9.5	7:15	-0.1	8:01	-1.1	7:08	4:09
16 Thu	2:24	8.1	2:35	9.1	8:14	0.1	8:58	-0.7	7:09	4:09
17 Fri	3:24	8.0	3:38	8.6	9:17	0.4	9:58	-0.3	7:09	4:10
18 Sat	4:25	8.0	4:43	8.2	10:23	0.5	10:59	0.1	7:10	4:10
19 Sun	5:27	8.0	5:50	7.8	11:31	0.6	11:59	0.4	7:11	4:10
20 Mon	6:27	8.0	6:56	7.5	-	-	12:38	0.6	7:11	4:11
21 Tue	7:25	8.1	7:58	7.4	12:58	0.6	1:40	0.4	7:12	4:11
22 Wed	8:18	8.2	8:54	7.3	1:53	0.8	2:37	0.3	7:12	4:12
23 Thu	9:06	8.2	9:45	7.3	2:44	0.9	3:27	0.1	7:13	4:12
24 Fri	9:50	8.3	10:30	7.3	3:31	1.0	4:13	0.0	7:13	4:13
25 Sat	10:31	8.3	11:12	7.3	4:13	1.0	4:54	0.0	7:13	4:14
26 Sun	11:09	8.3	11:50	7.2	4:53	1.0	5:32	0.0	7:14	4:14
27 Mon	11:46	8.3	-	-	5:30	1.1	6:09	0.1	7:14	4:15
28 Tue	12:26	7.2	12:22	8.2	6:06	1.1	6:44	0.1	7:14	4:16
29 Wed	1:02	7.1	12:59	8.1	6:43	1.1	7:20	0.2	7:14	4:16
30 Thu	1:38	7.1	1:37	8.0	7:21	1.2	7:56	0.4	7:15	4:17
31 Fri	2:16	7.1	2:17	7.8	8:01	1.2	8:33	0.5	7:15	4:18

## Tide Tables:

**MAKE THESE TIME ADJUSTMENTS  
TO THE TIDE TABLES** (hours and minutes)

Location	Water	
	High	Low
Piscataqua River		
Dover Point	+1:11	+1:10
Salmon Falls River	+1:13	+1:35
Squamscott River	+1:57	+2:24
Hampton Harbor	-0:08	+0:15

For more tide charts, visit: [www.maineharbors.com](http://www.maineharbors.com)

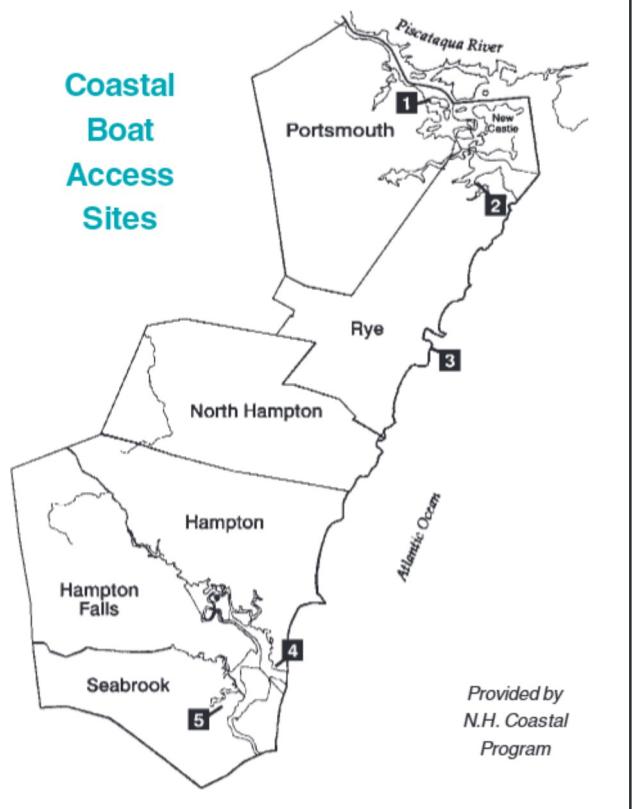
### PUBLIC SERVICE ANNOUNCEMENT

#### *Diver There, Please Beware*

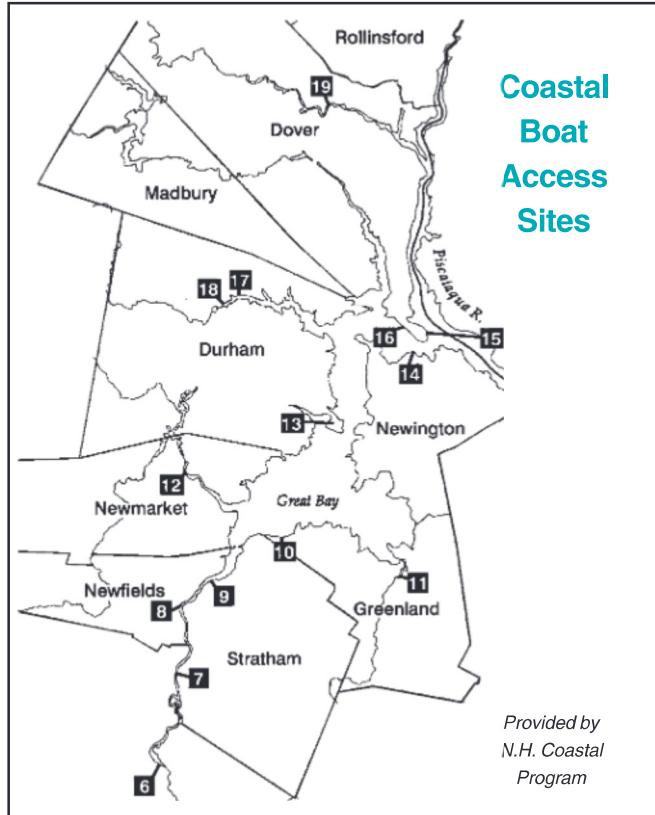


The United Divers of N.H. urge boaters to stay well away from a red flag with a white stripe or other flags in the water. They signal that scuba divers are in the area.

## Coastal Boat Access Sites



Provided by  
N.H. Coastal  
Program



**Suggested Boat Access Sites in the Coastal Zone\*\***

<b>SITE</b>	<b>#</b>	<b>COMMENTS</b>
Pierce Island*, Portsmouth	1	accessible at all tides ample parking
Odiorne State Park*, Rye	2	not accessible at low tide ample parking
Rye Harbor State Marina*, Rye	3	accessible at all tides ample parking
Hampton Harbor State Marina*, Hampton	4	accessible at all tides ample parking
Farm Lane Dock, Seabrook	5	not accessible at all tides limited parking
Exeter Town Landing, Exeter	6	accessible at all tides limited parking
Stratham Town Landing, Stratham	7	not accessible at all tides limited parking carry-in only
Newfields Town Landing, Newfields	8	accessible at all tides limited parking
Chapman's Landing, Stratham	9	accessible at all tides limited parking
Depot Road Boat Launch, Greenland	10	not accessible at all tides limited parking carry-in only

*\*\*Provided by NH Coastal Program*

*\* fee charged seasonally*

<b>SITE</b>	<b>#</b>	<b>COMMENTS</b>
Greenland Town Landing, Greenland	11	not accessible very limited parking 4-wheel drive access only remote/carry-in
Newmarket Town Landing, Newmarket	12	accessible at all tides limited parking
Adams Point Boat Launch, Durham	13	not accessible at all tides limited parking
Great Bay Marina, Newington	14	accessible at all tides ample parking private docks
Hilton State Park, Dover	15	not accessible at all tides ample parking
Little Bay Marina*, Dover	16	not accessible at all tides limited parking
Jackson's Landing, Durham	17	not accessible at all tides ample parking
Durham Town Landing, Durham	18	not accessible at all tides ample parking carry-in only
George's Marina*, Dover	19	accessible at all tides street parking

\* fee charged seasonally

## **Important Telephone Numbers**

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### **New Hampshire Fish and Game Department**

**Dispatch** – (603) 271-3361 (weekdays 8 a.m.-12 noon, 1-4:30 p.m.)

**Law Enforcement Division** – (603) 271-3127.

**Marine Fisheries Division:** 225 Main St., Durham, NH 03824 – (603) 868-1095 (weekdays 8 a.m. - 4 p.m.)

**Aquaculture** – contact Fish and Game Department (603) 868-1095 for rules and statutes.

**Clam Flats Hotline** – current open or closed condition of Hampton Harbor and other clam flats 1-800-43-CLAMS.

**Maine Marine Patrol** – (207) 624-6550.

**Marine Mammals, Seals, Porpoises, Whales** – federal regulations prohibit harassment of marine mammals. Stranded mammals should be reported to the New England Aquarium (617) 973-5200 (weekdays 9 a.m.-5 p.m.) or (617) 975-5259 (weekends and evenings).

**Massachusetts Marine Fisheries** – (617) 626-1520.

**National Marine Fisheries Service (NMFS)** – for information on federal regulations and federal permits – Regulations: (978) 281-9315; Permits – (978) 281-9370.

**New Hampshire Dept. of Environmental Services** (shellfish branch) – (603) 430-7900.

**New Hampshire Dept. of Safety** – boating regulations (603) 293-2037.

**Operation Game Thief** – 1-800-344-4262.

**Portsmouth Harbor Coast Guard** – for U.S. Coast Guard information (603) 436-4415.

## **New Hampshire Fish & Game Department Telephone Numbers (603)**

Access and Engineering ..... 271-2224 or 271-2225

Executive Director's Office ..... 271-3511

Inland Fisheries ..... 271-2501 or 271-2502

Law Enforcement ..... 271-3127 or 271-3128

Dispatch (Mon.-Fri., 8 a.m.-4:30 p.m.) ..... 271-3361

License Agent Accounting ..... 271-2743

License Information ..... 271-3421 or 271-3422

Marine Fisheries ..... 868-1095

Off Highway Recreational Vehicles ..... 271-3129

Public Affairs ..... 271-3211

### **REGIONAL OFFICES**

Region 1, Lancaster ..... 788-3164

Region 2, New Hampton ..... 744-5470

Region 3, Durham ..... 868-1095

Region 4, Keene ..... 352-9669

Wildlife Programs ..... 271-2461 or 271-2462

Wildlife Services (Animal Damage Control) ..... 223-6832

## Ten Tips for Safe Boating

1. **Don't Overload** – Carry only the specified limit for your craft and don't sit on the gunwales or the transom.
2. **Wear Life Jackets or Vests** – State law requires one wearable life preserver for each person in a boat. Weak or non-swimmers should always wear an approved personal flotation device; in treacherous waters everyone should. Remember, by law, children age 5 or under must wear an approved vest or jacket.
3. **Know the Water** – Always carry a chart (map) of the waters you are boating on.
4. **In an Accident** – Your first obligation is to save life and help the injured – you have an obligation to “get involved.” A Good Samaritan law will protect you if you are helping out in good faith. Accidents involving personal injury, death, or more than \$500 in damage must be reported to N.H. Marine Patrol at (603) 293-2037.
5. **Water and Alcohol Don't Mix** – Sixty percent of recent boating fatalities in New Hampshire were alcohol related. Don't boat while impaired (intoxicated) – .08 law applies to boaters, too!
6. **Use Your Lights** – All boats operating after sunset – and all night until sunrise – must display lights to be visible to other boaters – no exceptions.

7. **Use Caution** – When passing within 150 feet of another boat, swimmers, rafts, shore, docks, or mooring fields, you must be at headway speed.
8. **Don't Use the Water as a Dump** – It is illegal to discharge sewage into the water. Littering of any sort, even a cigarette butt, is punishable as a misdemeanor. This can mean up to a year in jail and/or a \$1,000 fine.
9. **Don't Harass Wildlife** – All wildlife are protected on the state's waters, subject to strict hunting and fishing regulations. Killing or deliberately harassing water birds, such as ducks or loons, through the operation of a boat is "Taking" wildlife under the law. One possible consequence of this action is you could lose your fishing license.
10. **Take a Boating Safety Course** – For information call the Marine Patrol at 603-293-2037.

## BE SMART – BOAT SAFE

### N.H. MARINE PATROL BOATING SAFETY COURSES:

- Classes offered year-round.
- Many locations throughout the state.
- Open to any boater over 14 years of age.
- NASBLA approved.
- Satisfies requirements of mandatory boating education law (effective January 1, 2002).
- Contact N.H. Marine Patrol at 1-888-254-2125 for information and class schedule.
- Graduates are eligible for a 10% discount on the purchase of boating safety equipment.



Since 1933, the New Hampshire Wildlife Federation has been working hard to keep New Hampshire's fishing at its best. We are a non-profit conservation organization, 7,500 members strong, protecting the hunting, fishing and trapping heritage and conserving fish and wildlife habitat for you.

Membership is just \$20 per year, and includes a subscription to *New Hampshire Wildlife*.

**Apply to:** NHWF  
54 Portsmouth Street  
Concord, NH 03301

**Contact us:** Phone: (603) 224-5953  
Email: nhwf@aol.com

Check us out on the web at [www.nh wf.org](http://www.nh wf.org)

# Great Bay National Estuarine Research Reserve

In October 1989, Great Bay was designated as a National Estuarine Research Reserve. Authorized by the National Oceanic and Atmospheric Administration (NOAA), there are 25 research reserves nationwide. This program sets aside estuarine areas and their watersheds to improve our understanding of estuaries through proper management, research and education.

Through federal and state cooperation, the N.H. Fish and Game Department manages the Great Bay site. Approximately 4,500 acres of Great Bay tidal waters and over 2,000 acres of salt marsh and uplands are included within the Reserve.

Educational efforts of the Reserve are focused at Sandy Point Discovery Center, on the Stratham-Greenland town line at the end of Depot Road off Route 33 (formerly Route 101). The 50-acre site includes a 1,700-foot boardwalk through uplands, freshwater wetlands and a salt marsh, a high-tide-only boat launch, and an interpretive center (open May–October) featuring exhibits on the cultural and natural history of Great Bay. Call the Discovery Center for further information (603) 778-0015.

For additional information about activities and programs sponsored by the Reserve, please contact:



Reserve Manager  
N.H. Fish and Game Department  
225 Main Street, Durham, NH 03824  
(603) 868-1095  
[www.greatbay.org](http://www.greatbay.org)

**SHARE YOUR LOVE OF FISHING WITH OTHERS—  
Become a “Let's Go Fishing” Instructor!**

Volunteer instructors needed. For more information on the  
“Let's Go Fishing” program, call (603) 271-3212.



Aquatic Resources Education  
N.H. Fish and Game Department



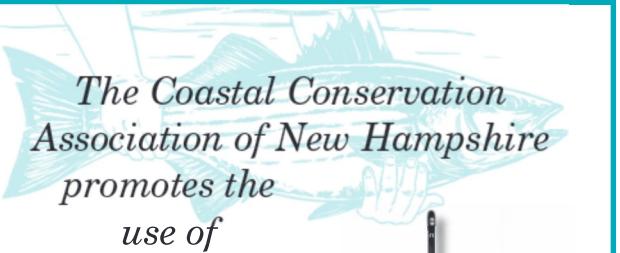
**1-800-344-4262**

**REPORT THESE FACTS:**

Date	Time
Vehicle Description	Violation
License Number	Travel Direction
Road/Route	Description of Person(s)

*Operation Game Thief, Inc. is made possible through the generosity of:*

Gun Owners of New Hampshire	Kittery Trading Post
Loon Preservation Committee	Seacoast Seafood Dealers
N.H. Fish and Game Commission	Winni Derby
Sturm, Ruger & Co., Inc.	Thompson/Center Arms Co.
N.E. Safari Club International	Meredith Rotary Club
N.H. Waterfowl Association	N.H. Turkey Federation
	N.H. Commercial Fishermens Association
	Strafford County League of Sportsmen
	Office of the Sheriff, Merrimack County
	N.H. Wildlife Federation



*The Coastal Conservation  
Association of New Hampshire  
promotes the  
use of  
circle hooks,  
which have  
proven to  
reduce fishing  
mortality.*



**For more  
information, call 603-731-2669,  
e-mail to: [ccanh@worldpath.net](mailto:ccanh@worldpath.net)  
or visit our web site at: [www.ccanh.org](http://www.ccanh.org)**



## TIDAL REGION MOORING REGULATIONS

The Pease Development Authority - Division of Ports and Harbors ("DPH") regulates approximately 1,900 moorings. DPH is the only agency that can assign moorings for use in the state tidal waters.

A person may apply for a mooring in the following classifications: general use mooring, storefront property mooring, commercial use mooring, and commercial mooring for hire. State agencies may apply for a non-revenue mooring permit. Applicants should refer the NH Administrative Rules Pda 500 - Moorings and Anchorage to determine what type of mooring permits they qualify for. The rules can be found on the DPH website at [www.portofnh.org](http://www.portofnh.org).

The mooring permit holder's last name (if an individual) or business name and mooring permit number must be on the mooring buoy in letters and numbers at least 2 inches high.

If no mooring is available, a mooring permit applicant may place his or her name on a wait list for the mooring area. A person may apply for more than one wait list area. The annual fee for each wait list area is \$5.00 per wait list area. Mooring permit applications and wait list applications may be obtained by sending a self-addressed stamped envelope to Pease Development Authority - Division of Ports and Harbors, P.O. Box 369, Portsmouth, NH 03802-0369. If you have any questions, call (603) 436-8500.

The Chief Harbor Master and Harbor Masters for each mooring area may be contacted by calling DPH at (603) 436-8500. The Harbor Masters for each mooring area are:

Chief Harbor Master – Tracy Shattuck  
Exeter and Newfields – Bud Field  
Great Bay and Little Bay Area – Bert Condon  
Hampton – Don Barnard  
Portsmouth:

Little Harbor and Sagamore Creek – Bill Roach; all other areas – Mike Finn  
Rye and Isles of Shoals – Leo Axtin  
Seabrook – Jerry Rowe



## **Sport Fish and Wildlife Restoration: 53 Years of Restoring, Managing and Researching Fish and Wildlife**

**W**ith their purchases of hunting and fishing equipment, hunters and anglers pay excise taxes that are distributed to state fish and wildlife agencies. In combination with license revenue, funds from this program allow states to restore, manage and research fish and wildlife, creating opportunities for hunting, fishing, boating and enjoying wildlife.

The U.S. Fish and Wildlife Service joins state fish and wildlife agencies, private industry and the public in a partnership to conserve fish and wildlife resources.

**With help from federal aid funding over the last half century, the New Hampshire Fish and Game Department has been able to:**

- Gain knowledge through research
- Manage fish and wildlife populations
- Acquire wildlife management areas
- Improve and protect aquatic habitat
- Obtain modern computer systems
- Restore fish and wildlife populations
- Conduct hunter and aquatic education programs
- Construct, upgrade and maintain more than 100 public access sites for boating and fishing.



Your purchase of hunting and fishing equipment and motorboat fuels supports wildlife and sport fish restoration and boating access facilities.

# Enjoy the Great Outdoors...

## ***For a Lifetime***

*If you expect to enjoy hunting and fishing for many years to come, consider a New Hampshire lifetime license.*

- **Lifetime Fishing, Lifetime Hunting or Lifetime Combination Licenses available.**
- **You'll save money. The younger you are when you buy a lifetime license, the more you'll save.**
- **You'll never have to buy another N.H. hunting or fishing license, even if you move out of state.**
- **Makes a long-lasting, memorable gift. Gift certificates are available.**

For a fee schedule, or more information, visit  
[www.wildlife.state.nh.us](http://www.wildlife.state.nh.us), or call the New Hampshire  
Fish and Game Department, 603-271-3422.

Restrictions: A lifetime license is sold to New Hampshire residents only. The license is not transferable and doesn't include licenses for muzzleloader, archery, pheasant, waterfowl stamp, wild turkey permit or Atlantic salmon permit.



New Hampshire  
**WILDLIFE JOURNAL**

*The magazine for people  
with outside interests!*

**SUBSCRIBE  
TODAY!**

**New Hampshire Wildlife Journal** – the state's only magazine devoted exclusively to fish and wildlife and their associated habitats.

To order a one-year subscription, fill out the form below and mail with check or money order for \$10.00 to: NH Fish & Game Dept., 11 Hazen Dr., Concord, NH 03301. Or visit: [www.wildlife.state.nh.us](http://www.wildlife.state.nh.us).

Name\_\_\_\_\_

Address\_\_\_\_\_

City\_\_\_\_\_ State\_\_\_\_\_ Zip\_\_\_\_\_

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## Are You a Super Sport?

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