



New Hampshire Fish and Game Department



NEW HAMPSHIRE

SALTWATER FISHING

2019 DIGEST



*Fish the
Coast!*

The Official New Hampshire
Digest of Regulations

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Built on the legacy of durability, dependability and versatility that Curado® is known for, Shimano's new Digital Control braking system utilizes a microcomputer to monitor spool speed 1,000 times every second and apply the perfect amount of brake to prevent backlash and maximize distance. Anglers of all skill levels will appreciate less thumbing and trouble-free casting in all conditions.



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TREVALA JIGGING RODS

Winner of American Sportfishing Associations, ICAST New Product Showcase Award for Best in Category Rod. This highly innovative series is designed to be fished with the Shimano Butterfly jigs. These are powerful, light weight and light-action rods to be used with high speed, high power reels.

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SALTWATER FISHING

2019 DIGEST



Fish New Hampshire's Coast

Though New Hampshire has the shortest coastline of any state that borders an ocean, it offers great sport fishing opportunities: striped bass, mackerel, flounder, tuna, haddock, and more. Our recreational and commercial fisheries are a time-honored tradition and a significant contributor to the state's economy. Anglers are seeing quite a bit of opportunity in New Hampshire's coastal waters these days.

I am a longtime seacoast resident, former commercial fisherman, and have had a lobster license for the past 19 years. I have seen many changes, including the warming of the water temperatures. So it is more important than ever that Fish and Game manages our coastal resources in the public trust. Our roots date back to 1865, when the Commission on Fisheries was established. In 1965, Fish and Game's Marine Fisheries Division was established to oversee the increasingly complex task of managing coastal resources. Today, New Hampshire's estuarine and saltwater species, including fish, lobsters, clams, and oysters, are managed by Marine Fisheries Division, based in Durham.

Our biologists work closely with other state and federal agencies to protect and maintain marine resources and habitats for recreational and commercial fisheries. These efforts are essential to rebuilding groundfish stocks, enhancing related habitat, and maintain healthy populations. Help Fish and Game staff monitor coastal species by taking part in our surveys. If you encounter Fish and Game's trained survey staff at one of the many saltwater fishing access sites along New Hampshire's seacoast or on the ice in the winter, I encourage you to take a few minutes and speak with them and participate in the Access Point Angler Intercept Survey, the Volunteer Angler Striped Bass Survey, or the Winter Smelt Survey. All data help our scientists to manage species better and ensure healthy populations for generations to come.

So enjoy the beauty and opportunity New Hampshire has to offer, year round. See you on the coast!

Glenn Normandeau
Executive Director
N.H. Fish and Game Department

N.H. Fish and Game — Our Mission

As the guardian of the state's fish, wildlife and marine resources, the New Hampshire Fish and Game Department works in partnership with the public to:

- Conserve, manage and protect these resources and their habitats;
- Inform and educate the public about these resources; and
- Provide the public with opportunities to use and appreciate these resources.

The N.H. Fish and Game Department receives Federal Assistance from the US Fish & Wildlife Service, and thus prohibits discrimination on the basis of race, color, national origin, disability, age and sex, pursuant to Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title II of the Americans with Disabilities Act of 1990, Title IX of the Education Amendments of 1972, and the Age Discrimination Act of 1975. If you believe you have been discriminated against in any program, activity or service, please contact or write the US Fish & Wildlife Service, Division of Wildlife and Sport Fish Restoration, 4001 N. Fairfax Drive, Mail Stop: WSFR – 4020, Arlington, Virginia 22203, Attention: Civil Rights Coordinator for Public Programs.



ON THE COVER:
Image © Tom Lynch

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SALTWATER FISHING

2019 DIGEST

State of New Hampshire

Christopher T. Sununu, Governor

Glenn Normandeau, Executive Director

New Hampshire Fish and Game Department

11 Hazen Drive • Concord, New Hampshire 03301



Law Enforcement Districts

District 1

Region 1, 629B Main St.
Lancaster, NH 03584
(603) 788-3164
Lt. Mark W. Ober

District 2

Region 2, Box 417
New Hampton, NH 03256
(603) 744-5470
Lt. Bradley R. Morse

District 3

Region 2, Box 417
New Hampton, NH 03256
(603) 744-5470
Lt. James E. Kneeland

District 4

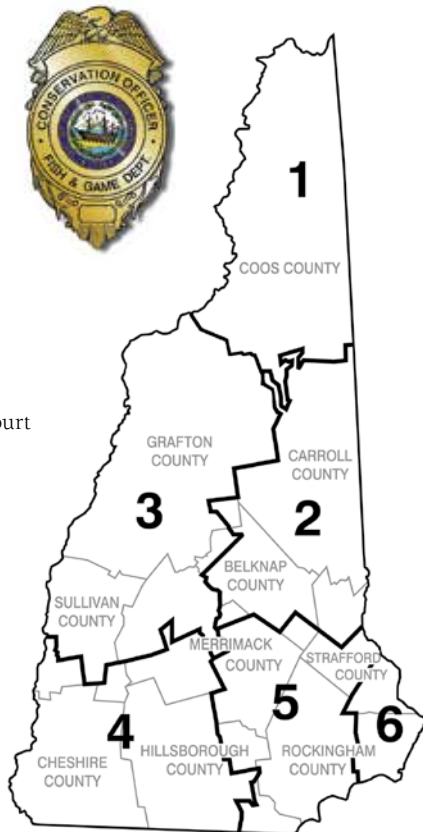
Region 4, 15 Ash Brook Court
Keene, NH 03431
(603) 352-9669
Lt. William J. Boudreau

District 5

Fish and Game HQ
11 Hazen Drive
Concord, NH 03301
(603) 271-3361
Lt. Adam P. Cheney

District 6

Region 3, 225 Main St.
Durham, NH 03824-4732
(603) 868-1095
Lt. Michael G. Eastman



N.H. Fish & Game Commissioners

The numbers on this page are the home phone numbers of Fish and Game Commissioners. Please use discretion with the timing of your calls. For emergency calls after hours, call N.H. State Police or your local police. For questions about N.H. fishing laws, call (603) 271-3127.

Belknap County

Ernest Millette
(603) 387-9500

Carroll County

David L. Patch
Vice Chair
(603) 387-3771

Cheshire County

Robert Phillipson, Jr.
Chair
(603) 352-8336

Coastal

Paul G. McInnis
(603) 770-6677

Coos County

Eric G. Stohl
(603) 237-4206

Grafton County

Todd Baldwin
(603) 726-3446

Hillsborough County

Ray Green
(603) 396-2493

Merrimack County

Christopher Hodgdon
(603) 746-1000

Rockingham County

Christina Luppi
(603) 957-8524

Strafford County

Barry Carr
Secretary/Treasurer
(603) 755-1175

Sullivan County

Bruce Temple
(603) 543-0519

N.H. Fish & Game Telephone Numbers

Law Enforcement

Questions about N.H. fish and game regulations (603) 271-3127
Dispatch (603) 271-3361

Regular Hours: 8 a.m.–5 p.m., Mon.–Fri; 7 a.m. to 7 p.m., Sat. and Sun
Sept. 1 to end of firearm season: Seven days a week, 7 a.m.–7 p.m.

To Report Violations 24 Hours a Day

Operation Game Thief 1-800-344-4262
or wildnh.com/ogt

Off Highway Recreational Vehicle (laws/education) (603) 271-3129

N.H. Fish and Game

Headquarters/License Office (603) 271-3421
Executive Director's Office (603) 271-3511
Inland Fisheries (603) 271-2501
License Agent Accounting/OHRV Registry (603) 271-2743
License Information (603) 271-3421
Marine Fisheries (603) 868-1095
Nuisance Wildlife Questions (603) 223-6832
Public Affairs (603) 271-3211
Wildlife Programs (603) 271-2461

Regional Offices

Region 1: Lancaster (603) 788-3164
Region 2: New Hampton (603) 744-5470
Region 3: Durham (603) 868-1095
Region 4: Keene (603) 352-9669

Coastal Resource Contacts

N.H. Fish and Game Marine Fisheries Division

225 Main St., Durham, NH 03824

Hours: 8 a.m.–4 p.m., Mon.–Fri (603) 868-1095

Aquaculture

Contact N.H. Fish and Game Department
for rules and statutes (603) 868-1095

Clam Flat Hotline

Current open or closed condition of
Hampton Harbor and other shellfishing areas 1-800-43-CLAMS

Maine Marine Resources (Maine Marine Patrol) (207) 633-9595

Marine Mammals, Seals, Porpoises, Whales

Federal regulations prohibit harassment of marine mammals.
Stranded or dead mammals should be reported to the
Seacoast Science Center at (603) 997-9448

Massachusetts Marine Fisheries

..... (617) 626-1520

Massachusetts Environmental Police 1-800-632-8075

National Marine Fisheries Service (NMFS)

(greateratlantic.fisheries.noaa.gov)

For information on federal regulations and federal permits:
Regulations (978) 281-9315
Permits (978) 281-9370

New Hampshire Dept. Of Environmental Services

Shellfish Program (603) 559-1509

New Hampshire Dept. of Safety—Marine Patrol

Boating regulations (603) 293-2037
Boat registration (603) 227-4000

Portsmouth Harbor Coast Guard

For U.S. Coast Guard information (603) 436-4415

Wildlife Services

Animal Damage Control (603) 223-6832

**This digest, with enlarged type, is available
for the visually impaired. Call (603) 271-3211
or email information@wildlife.nh.gov**

Buying a License

Fishing (saltwater and freshwater) and hunting licenses, valid January 1 to December 31 of each year, may be purchased online via fishnh.com, from license agents, Fish and Game Department headquarters in Concord, Fish and Game Region 1, 2 and 4 offices and some town or city clerks. Applicants must purchase their own licenses. A \$2 transaction fee is charged for each license form (\$3 for Internet purchases).

Lost Licenses

Regular hunting and fishing licenses, including recreational saltwater, clam, and oyster, may be reprinted at the original issuing agent or at N.H. Fish and Game in Concord. If purchased at a license agent, and it is at least one week from the date of issue, the license can be reprinted from the online sales site. There is no charge for reprints, however, there is a limit on the number of reprints allowed. For all other miscellaneous and permanent licenses, duplicates are issued only at Fish and Game in Concord; there is a fee of \$6.

Violation/Revocation

Conviction for violation of any fishing law or rule, littering, or criminal trespass (RSA 214:19; 207:36-b; 635:2) may result in the revocation of your fishing license or privilege.

Exceptions

A fishing license is not required for children under the age of 16 (RSA 214:2).

Fisheries Habitat Fee

All freshwater anglers pay a \$1 fisheries habitat fee, which is included in the license price. Revenue is used to improve and restore fisheries habitats.

Residency Requirements

To obtain a license at resident rates, the person must present to the issuing agent a valid New Hampshire driver's license or non-driver's picture identification card issued by the N.H. Department of Safety, Division of Motor Vehicles. Whenever the applicant is under 18 years of age, the parent or guardian of the applicant shall be a resident and present their valid N.H. driver's license or non-driver's picture identification.

Note: Any person who is no longer a legal resident of the state, but still retains a valid N.H. driver's license, is guilty of a misdemeanor if he/she tries to obtain a resident fishing, hunting or trapping license based on this driver's license.

Licenses for the Disabled

The following Permanent Disabled Licenses may be available to qualified N.H. residents: Disabled Veteran License, Paraplegic License, Blind Fishing License, Complimentary Fishing for Developmentally Disabled. Visit fishnh.com for information and application forms.

Residents Age 68 or Older

Recreational saltwater fishing license is required for age 16 and older, including seniors. For those N.H. residents born in 1947 or earlier

Carry Your License

The license must be carried on your person when fishing or hunting. For fishing licenses, a pdf or other fixed image of a valid license visible on a smart phone is sufficient to comply with the law, as long as a Conservation Officer can view the information contained on the license, and a photo ID can be presented.

who would like a hunting, freshwater fishing, archery, muzzleloader or clam/oyster license, they must obtain this free, permanent license at Fish and Game Headquarters, Regional Offices 1,2, and 4, or select agents. Resident and Hunter Education requirements apply. All other licenses must be purchased each year. Residents of N.H. with a date of birth of 1948 or later and are at least 68 years of age at the time of purchase qualify for the discounted senior rates (for freshwater fishing, combination hunting & fishing, archery, and muzzleloader). Licenses must be purchased annually. All applicable proof of residency and hunting is required. Any other license type not listed must be purchased annually at the regular rate. All N.H. residents age 68 and over must obtain a free, permanent Clam/Oyster License available at Fish and Game Headquarters or Regional Offices in Lancaster, Keene, or New Hampton.

FISHING LICENSE TYPE	CATEGORY	FEE	STATE REPORTING REQUIREMENTS	LICENSE (L) OR APPLICATION (A) AVAILABLE ONLINE*
Recreational Saltwater Fishing^{1,***} Allows taking, possessing, or transporting finfish from N.H. coastal and estuarine waters.	Resident or nonresident ages 16 and older (including over age 68 and Lifetime licenses)	\$11.00 ²		L
Saltwater Fishing Charter Boat¹ Allows a for-hire vessel less than 100 gross tons and USCG licensed to carry 6 or fewer passengers to provide recreational saltwater fishing opportunity to take, possess, or transport finfish from N.H. coastal and estuarine waters.	Resident or nonresident	\$51.00 ² per vessel		A**
Saltwater Fishing Party Boat¹ Allows a vessel holding a valid USCG Certificate of Inspection to carry passengers for-hire to provide recreational saltwater fishing opportunity to take, possess, or transport finfish from N.H. coastal and estuarine waters.	Resident or nonresident	\$101.00 ² per vessel		A**
Freshwater Fishing^{***} Allows taking all freshwater species of fish.	Residents ages 16–67 Nonresidents 16 and older	\$45.00 ^{2,3} \$63.00 ^{2,3}		L
Senior Freshwater Fishing¹⁰	Available to N.H. residents born 1/1/48 or after, and at least 68 years of age at the time of purchase.	\$7.00 ^{2,3}		L
Resident Softshell Clam^{***} N.H. residents only. See page 20 for rules.	Age 6-67 68 years and older - see above	\$30.00 ² Free		L No
Resident Oyster^{***} N.H. residents only. See page 20 for rules.	Age 0-67 68 years and older - see above	\$30.00 ² Free		L No
Resident Commercial Sea Clam		\$300.00	Yes	A**
Resident Lobster and Crab Required to take lobsters and crabs from state waters. All persons eligible for Commercial or Limited Commercial licenses must purchase a license or submit an affidavit by June 30 each year in order to maintain eligibility for the license.	Recreational: 5 pots maximum Part-time Commercial: ⁴ 100 pots maximum Limited Commercial: ⁵ 600 pots maximum Commercial: ⁵ 1,200 pots maximum Helper's License ⁶	\$40.00 \$125.00 \$200.00 \$350.00 \$20.00	Yes	A**
Nonresident Lobster and Crab⁹ Prohibited if applicant's state excludes nonresident harvest.	Part-time Commercial ⁶ 100 pots maximum Limited Commercial: ⁵ 600 pots maximum Commercial: ⁵ 1,200 pots maximum Helper's License ⁶	\$350.00 \$400.00 \$600.00 \$20.00		

LICENSES: FEES & REQUIREMENTS

FISHING LICENSE TYPE	CATEGORY	FEE	STATE REPORTING REQUIREMENTS	LICENSE (L) OR APPLICATION (A) AVAILABLE ONLINE*
Retail Trade of Lobster Meat and Crab Meat Separate license required for each market, store, vehicle or other facility where lobsters and crabs are sold.	Resident	\$50.00		A**
	Nonresident	\$75.00		
Landing License for Lobster and Crab Required to transport lobsters and crabs from outside the state's jurisdiction to land and/or sell in N.H., unless a N.H. Lobster and Crab license or either N.H. resident or non-resident Commercial Saltwater License is held.	Resident	\$50.00		A**
	Nonresident	\$500.00		
Resident Commercial Saltwater Required to take, land, transport or possess marine species with the intent to sell, regardless of method. Does not allow taking lobsters or crabs from state waters or taking, possession, landing or transport of northern shrimp. Includes operator and unlimited helpers. License is not issued to a vessel, it is issued to an individual.	Resident	\$50.00	Yes, Menhaden dealers	A**
Nonresident Commercial Saltwater Required to take, land, transport or possess marine species with the intent to sell, regardless of method. Includes operator and unlimited helpers. Allows for the landing of lobsters taken from areas outside the jurisdiction of New Hampshire. License is not issued to a vessel; it is issued to an individual. Does not allow for the taking, possession, landing or transportation of northern shrimp. Taking of sea urchins, clam worms, river herring and scallops is prohibited if applicant's state excludes nonresident harvest.	Nonresident	\$500.00		
Commercial Shrimp License Required to take, possess, land or transport northern shrimp on the waters of the state for sale, regardless of where catch was taken.	Resident	\$100.00	Yes	A**
	Nonresident	\$500.00		
Wholesale Marine Species 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. Cannot transport lobster and crab taken outside of the state by boat with this license. Need to obtain either a Commercial Saltwater License or Landing License.	Resident	\$130.00	Yes—Lobster, Shrimp, Crab, Menhaden and Dogfish Dealers	A**
	Nonresident	\$260.00		
	Resident Extra Facility	\$75.00		
	Nonresident Extra Facility	\$100.00		
Harvest Permit 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. Also required to take any species, except lobsters and crabs, for commercial purposes from state waters, unless reporting that catch via vessel trip reports to NOAA Fisheries. Available at Durham office.		Free	Yes	A
Shrimp Processing Permit Required to possess shrimp during closed season. Available at Durham office.		Free		A
Sea Herring Possession Permit Required to possess sea herring. Available at Durham office.		Free		A
Aquaculture License Marine-related aquaculture licenses are issued by N.H. Fish and Game, Marine Fisheries Division. Contact Marine Fisheries directly at (603) 868-1095.		\$200.00 ⁷	Yes	No
Scientific Permit Marine-related scientific permits are issued by N.H. Fish and Game, Marine Fisheries Division. Contact Marine Fisheries directly at (603) 868-1095.		\$25.00 ⁸	Yes	No
Limited Annual Saltwater License for Lifetime Licensees Allows for persons holding a lifetime fishing or combination license purchased before 2011 to take saltwater smelt, saltwater shad, or saltwater salmonids. Contact N.H. Fish and Game in Concord or download an application from wildnh.com/marine .	Resident	Free		A**

* See wildnh.com/marine to download an application or buy a license.

** License obtained at Fish and Game in Concord only in person or by mail.

*** A \$2 transaction fee is charged for each recreational license form.

1. See page 6 for more on saltwater license types, including information on reciprocity between states.
2. Includes \$1 agent fee.
3. Includes \$1 Fisheries Habitat Fee.
4. New license holders limited to 100 traps maximum.
5. Limited entry licenses—for further information, contact Marine Fisheries Division at (603) 868-1095.
6. Helper's license required for each helper (no residency requirement for helpers).
7. Additional fees associated with license.
8. Fee waiver only for educational and nonprofit institutions and government agencies.
9. Eligible only if applicant's state provides reciprocal licensing privileges.
10. For those born before January 1, 1948, a free permanent freshwater fishing license is available at Fish and Game headquarters in Concord or by mail.

Buying your License

New Hampshire fishing licenses (saltwater or freshwater) can be purchased online at fishnh.com, from friendly license agents statewide (listed at wildnh.com/licensing), or in person or by mail at Fish and Game headquarters, 11 Hazen Drive, Concord, NH 03301. A \$2 transaction fee is charged for each license form (\$3 for Internet purchases).

Purchasing Commercial Licenses

Any commercial licenses, such as Lobster, Commercial Saltwater, Fishing Charter or Party Boats, etc., are issued at Fish and Game headquarters in Concord or by mail.

New Rules

- Berry Brook in Rye: All fish caught must be immediately released (see page 7).
- Possession of striped bass fillets on the water or shore is now allowed under specific conditions (see page 7).
- New rules regarding harvest of Menhaden (see pages 4, 18, and 19).
- No more than two trap tags shall be affixed to a lobster trap at any given time (See page 24).

Angling: The taking of fish by line in hand or rod in hand to which is attached a cast of artificial flies, or an artificial bait, or hooks, or other devices for the attachment of bait. A person may use up to two lines. Rod holders are permitted.

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 freshwater, 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 purpose of sale.

Curved fork length (CFL): The length of an intact fish measured from the tip of the upper jaw to the fork of the tail along the contour of the body in a line that runs along the top of the pectoral fin and the top of the caudal keel.

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*), Atlantic wolffish (*Anarhichas lupus*), Atlantic halibut (*Hippoglossus hippoglossus*), ocean pout (*Zoarces americanus*), haddock (*Melanogrammus aeglefinus*), pollock (*Polachius 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*).

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 resident of the state, as defined in RSA 21:6, except that no person shall be deemed to be a resident who claims residence in any other state for any purpose.

Resident and nonresident corporations: the word "resident," when applied to a corporation, is a corporation organized under the laws of this state. The word "nonresident," 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.

Total length (TL): The straight-line distance from the tip of the snout to the tip of the tail (caudal fin) while the fish is lying on its side, normally extended.

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.



RECREATIONAL LICENSES

N.H. Recreational Saltwater License

In 2009, legislation was passed implementing a Recreational Saltwater License in New Hampshire, in addition to Charter Boat and Party Boat licenses. Passage of this law exempted licensed N.H. saltwater anglers from NOAA's National Saltwater Angler Registry (countmyfish.noaa.gov) and took effect in 2011.

Cost

- \$11* (N.H. resident and nonresident)

Recreational fishing licenses are available for purchase online or through any of 200+ N.H. license agents statewide.

Who Needs the License?

All persons ages 16 and older participating in recreational saltwater fishing who wish to take, possess, or transport finfish from coastal and estuarine waters of New Hampshire. This includes anglers, spearfishers, and persons using other gear types to take marine finfish for personal use and which are not sold.

There is no exemption for persons over age 68 from the recreational saltwater license. This is because we need to collect the name, address, and phone number of all those fishing in saltwater each year in order to obtain an exemption for N.H. license holders from the National Saltwater Angler Registry and the associated fee.

Exemptions

You do not need the recreational fishing license to fish from a licensed charter or party boat.

Persons who purchased a Lifetime fishing or combination license prior to 2011 may obtain a Limited Annual Saltwater License for Lifetime Licensees to fish for saltwater smelt, American shad, trout and salmon in coastal and estuarine

waters. This permit must be applied for each year by mail or at Fish and Game in Concord and is good only for the fish listed above. If you wish to fish for other fish species such as striped bass, flounder, cod, etc. you must purchase a N.H. Recreational Saltwater License.

Reciprocity

Resident anglers possessing a valid N.H. Recreational Saltwater License can legally fish in all tidal and estuarine areas of Massachusetts and in Maine. Reciprocity will be granted in N.H. for those nonresident anglers possessing a valid Maine or Mass. saltwater license.

Charter and Party Boat License

Cost

- Charter boat: \$51*
- Party boat: \$101*

Who Needs the License?

A charter or party boat license is required for party boats, charter boats, dive boats, head boats, and other boats hired by persons to engage in recreational saltwater fishing opportunities which includes the taking of any marine finfish, by any means for personal use only and which are not sold.

Charter boat is a vessel less than 100 gross tons that meets the requirements of the US Coast Guard to carry 6 or fewer passengers for hire.

Party boat or head boat is a vessel that holds a valid Certificate of Inspection issued by the U.S. Coast Guard to carry passengers for hire.

Passengers hiring a licensed party or charter boat do not need to have a Recreational Saltwater Fishing license while fishing from the vessel.

Reciprocity

New Hampshire law provides reciprocity for Maine and Massachusetts licensed charter and party boats, but only if those states provide reciprocity for N.H. licensed vessels. At this time, only Massachusetts provides reciprocity for N.H. licensed charter and party boat vessels; licensed N.H. vessels may operate and fish in Mass. state waters, but may not pick up or drop off passengers or land fish in Mass.

Charter & Party Boat Operators: Please Note

Operators of vessels with a N.H. party or charter boat license operating in coastal and estuarine waters of the state are exempt from the need to obtain a N.H. Guide license if:

1. They possess a U.S. Coast Guard-issued Master License or "6-pack" license, and
2. They or a crew member on board the vessel has current certification (with practical exam) in basic first aid and CPR.

Visit fishnh.com

Buy your N.H. fishing license online; download the Saltwater Fishing Digest; sign up for fishing reports; and much more!

*Includes \$1 agent fee

RESTRICTIONS

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.

Leave Lobster Pots Alone

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.

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;
- Molest, pull, tend, possess or disturb gear used or marine species raised in a marine aquaculture operation;
- Take lobsters by diving, angling, 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;
- Take finfish, horseshoe crabs, American eels or other species for commercial purposes (excluding lobster/crab) without obtaining a harvest permit, as further specified on page 19.
- Take or possess oysters, clams, or mussels from a licensed aquaculture site that is properly marked with yellow buoys at each corner.

Law Enforcement

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.



RECREATIONAL SALTWATER FISHING—FINFISH

Recreational saltwater fishing in New Hampshire provides diverse opportunities. Saltwater anglers can cast a line from boats, bridges, jetties or the beach. Many saltwater fish species are available along the coast and in our rivers and bays. Recreational saltwater fishing in N.H. requires a recreational saltwater license. See page 6 for details.

Below are species that have rules or laws that apply to recreational anglers or spearfishers while fishing in state waters.

Additional regulations apply in federal waters for most of the below-listed species — contact NOAA Fisheries at (978) 281-9315 or nero.noaa.gov/sfd/recfishing directly if you have questions regarding fishing in federal waters.



NEW HAMPSHIRE RECREATIONAL SALTWATER FISHING REGULATIONS***

SPECIES	CLOSED SEASON	MINIMUM LENGTH (TOTAL LENGTH)	DAILY BAG LIMIT	SPECIAL RULES
American Eel	No closed season (except surrounding fishways)	9 inches	25 fish per day	Fishway closures apply October 2 – June 14 (see Coastal Harvest Section, page 19)
American Plaice*		14 inches		
American Shad				All shad must be immediately released
Atlantic Cod*			0	• See Gulf of Maine Cod Spawning Protection Area map on page 8 • Possession prohibited year round
Atlantic Halibut		41 inches	1 fish per trip/vessel	Head and tail intact while on or leaving waters of the state
Atlantic Sea Herring				Federal regulations apply in federal waters
Atlantic Salmon (Sea-run)				All sea-run Atlantic salmon caught on coastal and estuarine waters must be immediately released
Atlantic Wolffish			Possession is prohibited	
Black Sea Bass		13 inches	10 fish per day	Length does not include filament/tail extension
Bluefin Tuna		27 inches CFL**	Variable; see website	Federally managed — follow federal regulations (call 1-888-USA-TUNA) or visit hmspermits.noaa.gov
Bluefish			10 fish per day	
Dogfish, Spiny				Finning prohibited
Haddock*	Mar. 1 – April 14 Sept. 17 – Oct. 31	17 inches	12 fish per day	• Head and tail intact, unless fillet is 10 inches minimum
Monkfish		17 inches		
Pollock*				19 inches, if taken in federal waters
Rainbow Smelt (Saltwater)			4 liquid quarts	Head and tail must remain intact
Redfish*		9 inches		
River Herring (Alewife/Blueback Herring)	Closed sunrise Wednesday – sunrise Thursday		See Squamscott River in Special River Restrictions, page 19.	See Special River Restrictions and Coastal Harvest Section, page 19. Fishing prohibited around fishway closure areas Oyster and Taylor rivers closed
Salters (Sea-run Trout) see definition on page 5	No closed season		1 fish per day	• Recreational angling only • In Berry Brook*** : Single-hook artificial lures and flies only. Immediate release required. • In Winnicut River : The salter daily limit applies only downstream of the B&M Railroad bridge
Sharks — Blue, Porbeagle, Shortfin Mako and Thresher				• Porbeagle — recreational fishing in state waters only • All sharks — head, fins and tail must remain attached through landing
Striped Bass		28 inches	1 fish per day	• Gaffing and culling, is prohibited; No sale allowed, regardless of origin. • Head and tail must be intact while on or leaving the waters or shores of the state except may possess up to 2 fillets with skin intact if: 1. Also possess fish rack > 28" TL with head/tail intact that fillets came from, or 2. Fillets measure > 28" TL.
Sturgeon	Closed year round		Possession is prohibited	
Summer Flounder*		15 inches		Recreational angling only; No sale allowed
White Perch			25 fish per day	Sale is prohibited
Winter Flounder*		12 inches	8 fish per day	
Yellowtail Flounder*		13 inches		

* All groundfish species that are filleted and skinned must retain at least 2 square inches of contiguous skin intact for identification purposes.

** Curved fork length - See definition on page 5.

*** Anglers fishing **Berry Brook** in **Rye**: All fish species caught must be immediately released.

About This Publication

This publication is a summary of fishing regulations. It is not the full laws or rules. It is intended only as a guide to seasons and other necessary marine information. For more detailed information concerning regulations, consult the New Hampshire Fish and Game Law Book, *Fish and Game Administrative Rules*, or contact your local Conservation Officer. Fish and Game laws and rules may be viewed at any Fish and Game office (see page 2 for phone numbers); Legislative Services, Administrative Rules, in the State House Annex, 25 Capitol St., Room 219, Concord, NH 03301; and at fishnh.com or nh.gov. A compendium of Fish and Game laws may also be purchased at Department headquarters in Concord for \$41.

COD SPAWNING PROTECTION AREA

Gulf of Maine Cod Spawning Protection Area

The Gulf of Maine Cod Spawning Protection Area (CSPA) is located in both state and federal waters south of the Isle of Shoals and is closed to all fishing, as well as take and possession of groundfish, in April, May and June, with the following exceptions:

In State waters (area depicted with red lines):

- All cod caught in New Hampshire waters must be immediately released.
- Fishing with either line or rod in hand with gear that has no more than 1 ounce of artificial weight or a single artificial lure weighing one ounce or less. (Note: In the federal waters portion of the CSPA, the use of any weights or weighted lures is prohibited.)

- Commercial vessels using gear described in 50 CFR 648.2.
- Private recreational or charter/party vessels that are **transiting** the area with groundfish caught outside the CSPA must have all bait and hooks removed from fishing rods or handlines and groundfish species on board must have been gutted.
- Commercial vessels that are **transiting** the area with groundfish caught outside the CSPA must have gear stowed in accordance with the provisions of 50 CFR 648.23.

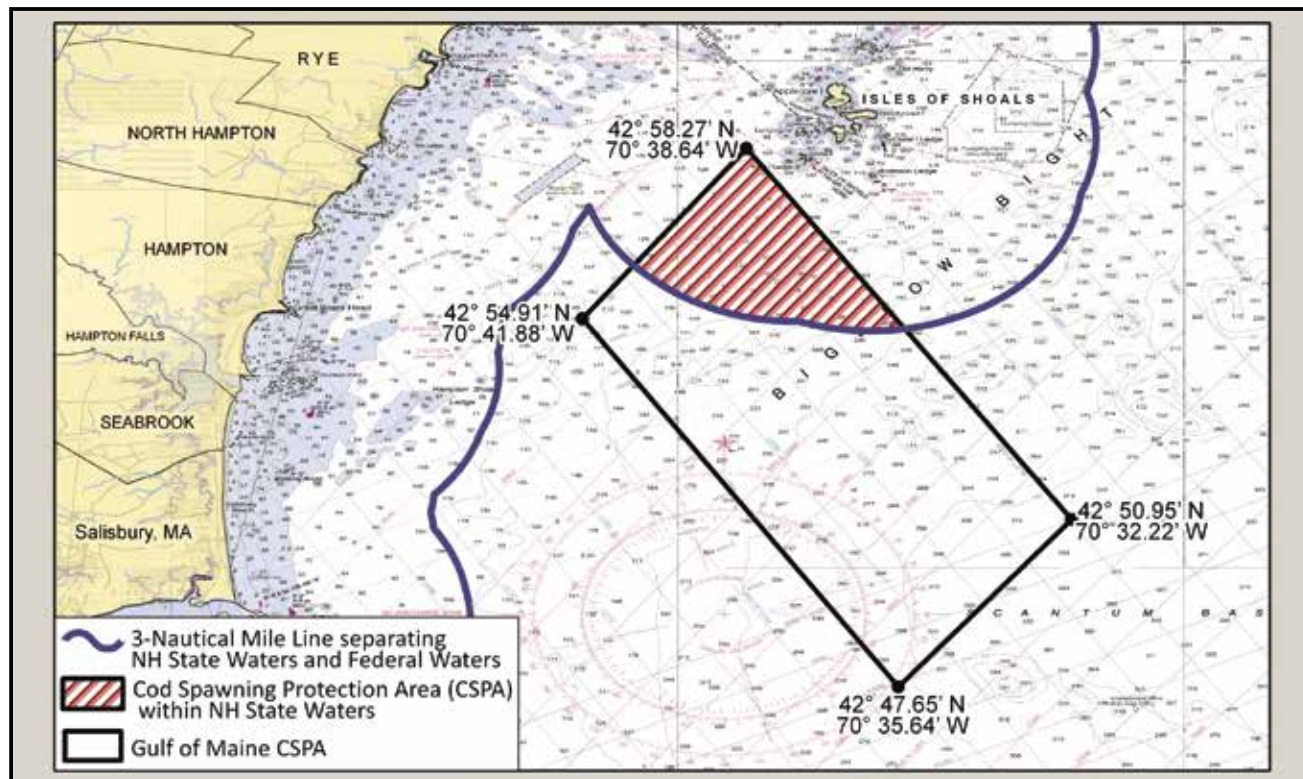
Additional federal rules may apply within the federal waters of the Gulf of Maine Cod Spawning Protection Area. Contact NOAA Fisheries at (978) 281-9315.

Landowner Protection

New Hampshire State law provides certain protections for landowners who open their land to those using it for outdoor recreation. For more information, visit wildnh.com/landshare.

Buy Your Hike Safe Card

Get your annual voluntary Hike Safe Card! \$25 for individual or \$35 per family. Available at wildnh.com.



Catch & Release

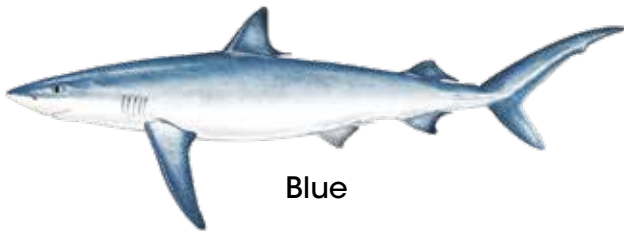
- Time is of the essence. Play and release the fish as quickly and carefully as possible. An overplayed fish may become too weak to recover.
- When landing fish, use a net with fine mesh to avoid injury. Keep the fish in the water as much as possible. A fish out of water is suffocating and could be injured.
- 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.
- 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.
- 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.

N.H. Fish and Game recommends that anglers using live or cut bait use circle hooks to reduce mortality on fish that will be released. Studies comparing baited circle hooks to the standard J hooks used by most anglers show a substantial reduction in 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.

SHARKS OF NEW HAMPSHIRE

A variety of sharks are found in coastal waters off New Hampshire. There are federal and state regulations around the harvest of sharks in both federal and state waters. Below are sharks species that have state regulations in New Hampshire (see pages 7 and 18).



Blue



Shortfin mako



Spiny dogfish



Porbeagle



Thresher

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FLUNDER AND HERRING IDENTIFICATION

A few features help distinguish the flounder caught recreationally along New Hampshire's coast that have size regulations: Orientation of the eyes (right- or left-eyed); mouth size; and shape of the lateral line or tail. Recreational saltwater anglers in N.H. most commonly catch winter flounder, followed by yellowtail, summer flounder and American plaice. While not often caught, Atlantic halibut are the largest flounder found in the Gulf of Maine.



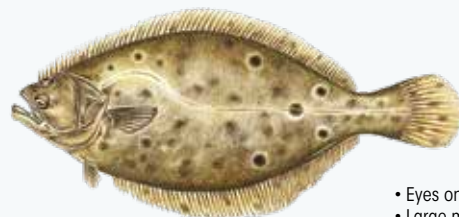
- Eyes on right side
- Large mouth

American plaice



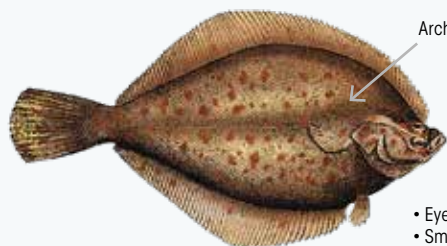
- Eyes on right side
- Small mouth
- Scales between eyes

Winter flounder



- Eyes on left side
- Large mouth
- Sharp teeth

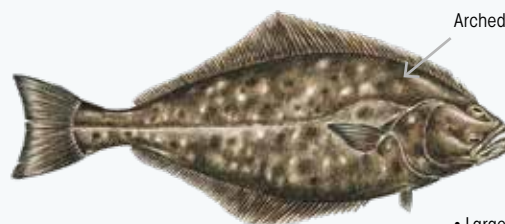
Summer flounder



Arched lateral line

- Eyes on right side
- Small mouth

Yellowtail flounder



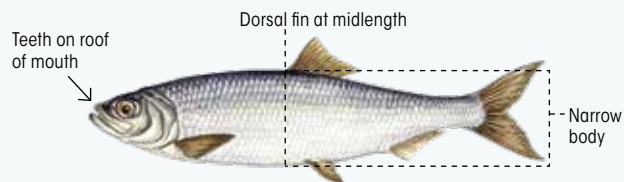
Arched lateral line

- Largest flatfish
- Eyes on right side
- Tail concave

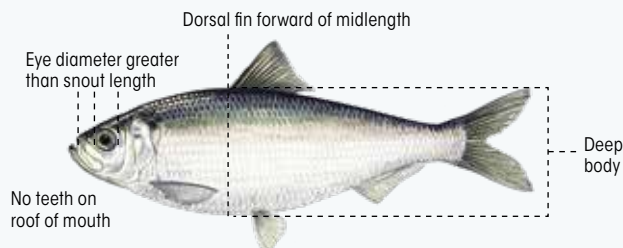
Atlantic halibut

Herring of New Hampshire

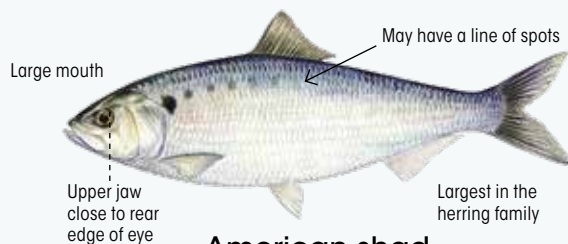
A variety of herring frequent N.H. coastal and estuarine waters and can be confusing to identify. River herring (alewife and blueback herring) and American shad are generally seen during spring spawning runs. Menhaden and Atlantic herring may appear in our estuaries during coastal migration in the summer or early fall.



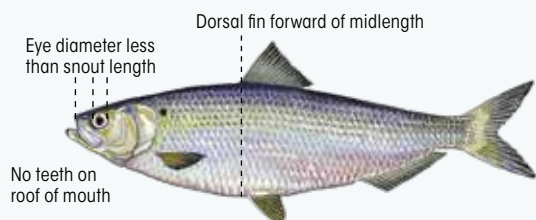
Atlantic sea herring



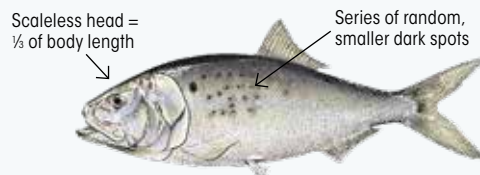
Alewife



American shad



Blueback herring



Atlantic menhaden

Herring illustrations: ©Victor Young: Atlantic herring, Alewife, American shad; ©USFWS: Blueback herring; ©NOAA: Atlantic menhaden

FINFISH IDENTIFICATION



Bluefish



White hake



Bluefin tuna



Silver hake



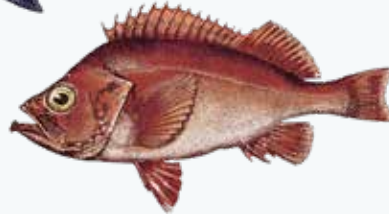
Atlantic salmon



Rainbow smelt



Brown trout



Redfish



Black sea bass



Monkfish



Atlantic wolffish



Striped bass



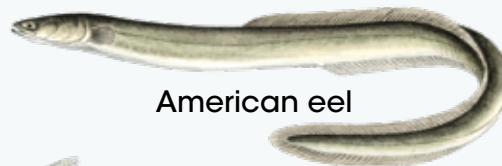
Atlantic cod



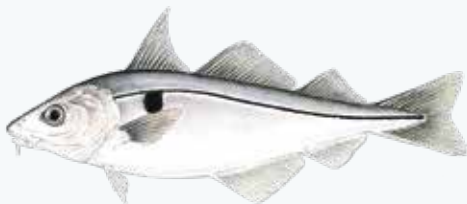
Cusk



Atlantic mackerel



American eel



Haddock



Pollock



Atlantic sturgeon

Finfish illustrations: ©Mass DFG/Victor Young Illustrations: Bluefish, Bluefin tuna, Striped bass, Cod, Mackerel, Haddock, Pollock, Wolffish, Cusk, Black sea bass, ©Victor Young, Atlantic salmon, Rainbow smelt, White hake, American eel; ©USFWS/Duane Raver Illustrations: Atlantic sturgeon, Brown trout; ©New Jersey Division of Fish and Wildlife/Duane Raver Illustrations: Monkfish

SALTWATER RIGGING BASICS

Chunk Bait Bottom Rig Setup

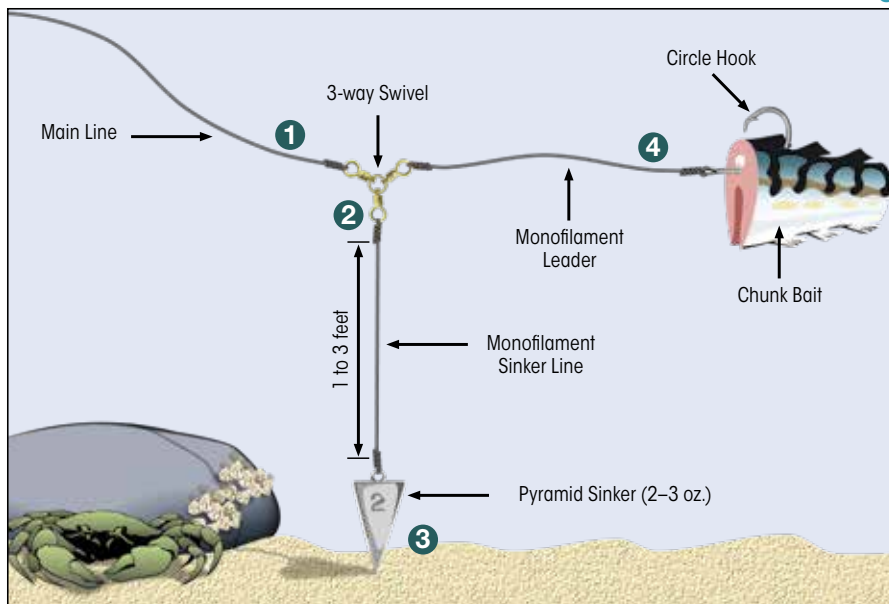
To create a setup that will allow you to present cut bait (herring, Atlantic mackerel, or clams) to predatory fish patrolling the surf:

1. Attach a 3-way swivel to the main line using a clinch knot
2. To the bottom-facing swivel ring, tie a stretch of monofilament (1 to 3 feet)
3. To the end of this line, tie a pyramid sinker
4. Tie your leader line and hook to the remaining swivel ring

This configuration will allow the bait to remain near the bottom where the pyramid sinker is resting, but the swells and current will pull the chunk bait a few feet up in the water column. By keeping the bait above the bottom, its movement imitates a swimming prey fish and helps to keep it out of reach of bottom-dwelling crabs and lobsters.

Hint: When fishing around rocky shorelines, use a lower pound test monofilament than the main line and leader, so that in the event of a snag in a rock crevice, only the weight is lost and will need to be retied.

Alternative floating setup: Helps keep crabs at bay. Tie a circle hook on your line, using a clinch knot. Attach a bobber about 3 feet above it. Clamp a small weight on the line in between, about a foot above the hook. Bait the hook with a live fish hooked through the lip or the back just below dorsal fin.

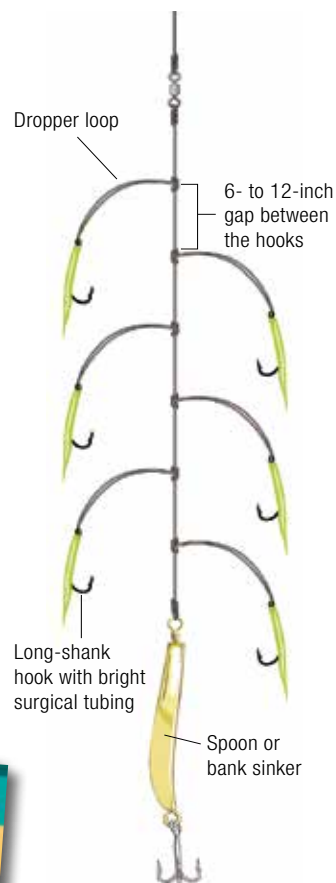


Chunk Bait Bottom Rig

Mackerel Rig Setup

Atlantic mackerel are a common catch from shore or by boat in New Hampshire. This small schooling fish is great for bait, dinner or just some fun, and especially good as an introduction to saltwater fishing for younger anglers. Mackerel are commonly caught on "sabiki" rigs, and for mackerel, this typically consists of a 1 oz. diamond jig or spoon with a number of 1/0 size hooks above it, which can have colorful tubes or flies attached. These are easy to find "prefab" in coastal bait shops, but you can make your own using dropper loops on a leader. When jigged, these look like a school of smaller fish being chased by a bigger fish. If fishing from shore, cast the rig out and, after it settles, lift with a jerk, reel in, and repeat. When fishing from a bridge or boat, drop the rig down into the water, allowing it to go out of sight, 15-20 feet down. Jig it by lifting with a jerk and allowing it to settle before lifting again; if you are not getting any action, change the depth of the rig.

Mackerel Rig



Seacoast Fishing Guide

For fishing tips and places to cast your line on New Hampshire's beautiful coast, check out the Seacoast Fishing Guide.

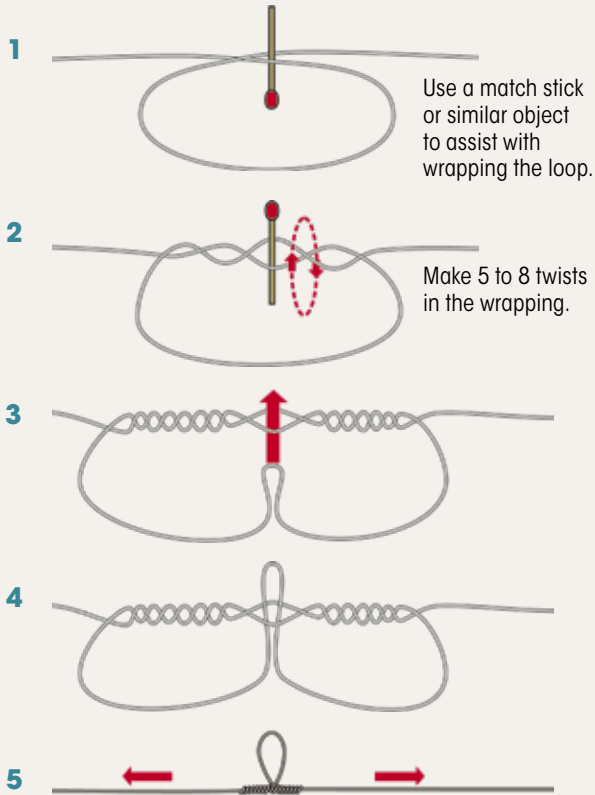
Also available: shoreline fishing guides to the Manchester/Nashua Region, the Lakes Region, the Great North Woods, Southeastern and Southwestern N.H., and the Concord/Capital Region.

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SALTWATER RIGGING BASICS

Dropper Loop Knot (use to attach a second hook)



Let's Go Fishing! Classes with N.H. Fish and Game

Want to learn how to fish, enhance your fishing skills, help turn a friend into a fishing buddy? Check out *Let's Go Fishing* classes from N.H. Fish and Game's Aquatic Resources Education team! Courses are offered throughout the state by trained volunteer instructors who bring a wealth of experience and knowledge to help anglers get started.

Courses for adults and children are free of charge, and designed to teach basic ecological concepts, fishing skills and new ways to enjoy the outdoors together. Courses cover basic techniques for year-round fishing in ponds, lakes, streams and the ocean. A typical course offers hands-on instruction, plus a field trip to put your new skills to the test on the water. Let's Go Fishing also offers specialty clinics and weekend workshops on fly fishing, saltwater fishing, fly tying, ice fishing and more. For a class schedule, visit fishnh.com.



STOP AQUATIC HITCHHIKERS!

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Please Use Circle Hooks

To conserve fisheries, many sport anglers now release the fish they catch. Using circle hooks instead of standard J-hooks can significantly reduce mortality. Experienced striped bass anglers find that baited circle hooks, because the point is turned inward, almost always hook fish in the lip or jaw. Points on J-hooks, in contrast, are more exposed and can lodge in the gills, throat or stomach—internal organs where injuries can be fatal.

Because of its design, you don't need to "set" a circle hook as you would a J-hook; simply let the fish "take" the bait and then start reeling to get a hook-up. Many longtime anglers believe they actually catch more fish with circle hooks than J-hooks, once they've learned to use them properly.



circle hook



standard "J" hook

For more saltwater fishing tips and information, visit

fishnh.com/marine

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GREAT BAY NATIONAL ESTUARINE RESEARCH RESERVE



The Great Bay National Estuarine Research Reserve was designated in 1989 and is part of a network of 28 Reserves across the nation. The Great Bay Reserve is managed by the New Hampshire Fish and Game Department in cooperation with the National Oceanic and Atmospheric Administration (NOAA). The program sets aside important estuarine areas for long-term research, education and stewardship.

The Great Bay Reserve includes all of Great Bay, Little Bay and the tidal portions of the Bellamy, Oyster, Lamprey, Squamscott and Winnicut

ivers. In addition, there are 2,935 acres of upland that comprise the boundary of the Reserve. All Reserve lands are open to the public for hunting and fishing. Go to greatbaypartnership.org to view maps highlighting all conservation lands in the Great Bay area.

The efforts of the Reserve are focused at the Great Bay Discovery Center and the Hugh Gregg Coastal Conservation Center in Greenland off Route 33. The 50-acre site includes a 1,300-foot boardwalk, a high-tide-only boat access, and indoor and outdoor exhibits featuring the

cultural and natural history of the Great Bay Estuary, as well as antique coastal hunting and fishing artifacts. The interpretive centers are open May to October and are free of charge.

Year round, the Reserve holds a number of special programs, including interpretive kayak tours and programs for children. The Reserve provides technical training for coastal decision makers through its Coastal Training Program, and conducts coastal research and monitoring. The facilities feature a number of innovative technologies for managing stormwater and reducing energy consumption, including a porous pavement parking lot, composting toilets, solar roofing and a geothermal heating and cooling system.

The Reserve is also supported by a local friends group, the Great Bay Stewards. Learn more at greatbaystewards.org. For more information about all the Reserve's programs, visit greatbay.org.

**Great Bay National
Estuarine Research Reserve**
N.H. Fish and Game Department
225 Main Street, Durham, NH 03824
(603) 868-1095

**Great Bay Discovery Center/
Hugh Gregg Coastal Conservation Center**
89 Depot Road, Greenland, NH 03885
(603) 778-0015



Children enjoying an education program on Great Bay.

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Volunteer for Great Bay!

Share your passion for the Great Bay and join the volunteer family at the Great Bay Discovery Center. Volunteers are needed to help implement the school and summer programs, staff the exhibit rooms, work on special events, help with research projects, and keep the grounds and gardens looking great.

Call the Great Bay Discovery Center at (603) 778-0015 or visit greatbay.org for more information.



*Volunteers
help GBNERR
monitor
saltmarshes.*

2019 Free Fishing Days — Saturday, January 19 and Saturday, June 1

- Recreational fishing by angling only
- Saltwater or freshwater
- All other regulations apply
- NO LICENSE REQUIRED*

* Participants in fishing tournaments must have a license, even on free fishing days.

JOINT ENFORCEMENT AGREEMENT

Conserving and Protecting Marine Resources

A **Joint Enforcement Agreement (JEA)** between the New Hampshire Fish and Game Department's Law Enforcement Division and the National Oceanic and Atmospheric Administration (NOAA)'s Office of Law Enforcement provides federal funding and resources for patrols, equipment, training and public outreach initiatives that help N.H. Conservation Officers enforce federal marine fisheries regulations.

The key is preventing and detecting marine violations. Through a combination of at-sea patrols, dockside inspections and public outreach, the JEA focuses on increasing voluntary compliance. It also encourages enforcement of state marine fisheries regulations in nearshore waters, including groundfish, lobster, striped bass and tuna patrols. This joint agreement improves our level of service to commercial harvesters and recreational anglers, as well as other coastal organizations and constituents. It significantly enhances Fish and Game's ability to conserve, manage and protect our marine fisheries resources for future generations.

Fixed Gear Fishermen — Prevent Whale Entanglement

One of the priorities of the JEA is expanding awareness of state and federal regulations now in effect to minimize whale entanglements in buoy lines and other fixed gear. The two primary laws in place that affect fixed gear fishermen are as follows:

- **Weak links:** To protect migrating whales, weak links with a breaking strength of 600 pounds shall be used at the buoys of fixed gear set seaward of harbor entrances. For gillnet gear, 1,100-pound weak links must be used. The intent of

this requirement is to allow the release of the buoy, flotation or weighted device from the line in a way that the remaining line is knot free, thereby helping to minimize the possibility of whale entanglement. An eye left on the line made by splicing or tucking attached to a weak link or hog rings is acceptable. **Note:** Weak links must be placed as close as operationally feasible to each individual buoy, flotation or weighted device.

- **Groundlines:** Groundlines between traps or gillnet panels shall be sinking for all gear set seaward of harbor entrances.

Examples of weak link configurations; they can be purchased over the counter or made from traditional fixed gear hardware. For more information, including specific examples of the weak link techniques, gear marking requirements and the Atlantic Large Whale Take Reduction Plan regulations, visit greateratlantic.fisheries.noaa.gov/whaletrp.



NOAA Photos

TIDE TABLES: PORTSMOUTH HARBOR



Tide charts provided by:

National Oceanic and Atmospheric Association

JANUARY 2019											
Date	HIGH				LOW				SUN		MOON Qtr.
	A.M.	Hgt.	P.M.	Hgt.	A.M.	Hgt.	P.M.	Hgt.	Rise	Set	
1	7:42	8.4	8:17	7.6	1:15	0.3	1:59	0.0	7:15	4:19	
2	8:36	8.5	9:13	7.6	2:12	0.4	2:55	-0.1	7:15	4:20	
3	9:26	8.6	10:04	7.6	3:04	0.5	3:45	-0.3	7:15	4:21	
4	10:11	8.6	10:49	7.6	3:51	0.5	4:31	-0.3	7:15	4:22	
5	10:52	8.6	11:30	7.6	4:35	0.6	5:13	-0.3	7:15	4:23	
6	11:31	8.5			5:15	0.6	5:51	-0.2	7:15	4:24	●
7	12:08	7.5	12:08	8.4	5:53	0.7	6:28	-0.1	7:14	4:25	
8	12:45	7.4	12:45	8.3	6:30	0.8	7:04	0.0	7:14	4:26	
9	1:21	7.4	1:22	8.1	7:07	0.9	7:40	0.2	7:14	4:27	
10	1:58	7.3	2:01	7.9	7:46	1.0	8:16	0.4	7:14	4:28	
11	2:36	7.2	2:42	7.6	8:27	1.1	8:55	0.6	7:14	4:29	
12	3:17	7.2	3:27	7.4	9:12	1.2	9:36	0.7	7:13	4:30	
13	4:00	7.2	4:15	7.2	10:00	1.2	10:22	0.9	7:13	4:31	
14	4:47	7.3	5:08	7.0	10:53	1.2	11:11	0.9	7:12	4:32	●
15	5:37	7.5	6:05	6.9	11:50	1.0			7:12	4:34	
16	6:30	7.8	7:06	7.0	12:05	0.9	12:50	0.7	7:11	4:35	
17	7:26	8.1	8:06	7.2	1:01	0.8	1:49	0.3	7:11	4:36	
18	8:21	8.6	9:03	7.6	1:58	0.6	2:45	-0.3	7:10	4:37	
19	9:15	9.1	9:58	8.0	2:53	0.2	3:39	-0.8	7:10	4:38	
20	10:08	9.5	10:50	8.3	3:47	-0.1	4:31	-1.3	7:09	4:40	
21	11:01	9.8	11:42	8.6	4:40	-0.5	5:23	-1.6	7:08	4:41	○
22	11:54	10.0			5:33	-0.7	6:14	-1.7	7:08	4:42	
23	12:34	8.8	12:47	9.9	6:27	-0.9	7:05	-1.6	7:07	4:44	
24	1:26	8.9	1:42	9.6	7:21	-0.8	7:57	-1.4	7:06	4:45	
25	2:19	8.8	2:38	9.2	8:18	-0.6	8:51	-1.0	7:05	4:46	
26	3:15	8.7	3:37	8.6	9:18	-0.4	9:47	-0.5	7:04	4:47	
27	4:12	8.5	4:40	8.1	10:21	-0.1	10:45	0.0	7:04	4:49	●
28	5:12	8.3	5:45	7.6	11:26	0.1	11:46	0.4	7:03	4:50	
29	6:13	8.2	6:52	7.3			12:33	0.3	7:02	4:51	
30	7:14	8.1	7:56	7.2	12:48	0.7	1:37	0.3	7:01	4:53	
31	8:12	8.1	8:54	7.2	1:48	0.9	2:35	0.2	7:00	4:54	

FEBRUARY 2019											
Date	HIGH				LOW				SUN		MOON Qtr.
	A.M.	Hgt.	P.M.	Hgt.	A.M.	Hgt.	P.M.	Hgt.	Rise	Set	
1	9:05	8.1	9:45	7.2	2:43	0.9	3:27	0.1	6:59	4:55	
2	9:52	8.2	10:30	7.3	3:33	0.8	4:12	0.0	6:58	4:57	
3	10:35	8.3	11:10	7.4	4:16	0.7	4:53	-0.1	6:56	4:58	
4	11:13	8.3	11:46	7.5	4:56	0.7	5:30	-0.1	6:55	4:59	●
5	11:49	8.3			5:33	0.6	6:04	-0.1	6:54	5:01	
6	12:20	7.5	12:24	8.3	6:08	0.6	6:37	0.0	6:53	5:02	
7	12:53	7.5	12:58	8.1	6:43	0.6	7:09	0.1	6:52	5:03	
8	1:25	7.6	1:34	8.0	7:18	0.6	7:42	0.2	6:50	5:05	
9	2:00	7.6	2:12	7.7	7:56	0.6	8:17	0.4	6:49	5:06	
10	2:36	7.6	2:52	7.5	8:37	0.7	8:56	0.5	6:48	5:07	
11	3:16	7.6	3:38	7.3	9:22	0.7	9:40	0.7	6:47	5:09	
12	4:01	7.7	4:29	7.0	10:13	0.8	10:29	0.9	6:45	5:10	●
13	4:52	7.7	5:28	6.9	11:10	0.7	11:25	0.9	6:44	5:11	
14	5:49	7.9	6:32	6.9	12:13	0.5			6:43	5:13	
15	6:51	8.2	7:37	7.2	12:26	0.9	1:18	0.2	6:41	5:14	
16	7:54	8.6	8:40	7.6	1:30	0.6	2:20	-0.3	6:40	5:15	
17	8:55	9.0	9:38	8.1	2:32	0.2	3:19	-0.8	6:38	5:17	
18	9:52	9.5	10:32	8.5	3:30	-0.3	4:13	-1.3	6:37	5:18	
19	10:47	9.8	11:24	8.9	4:26	-0.7	5:05	-1.6	6:35	5:19	○
20	11:40	10.0			5:19	-1.1	5:55	-1.7	6:34	5:21	
21	12:14	9.2	12:33	9.9	6:12	-1.3	6:44	-1.6	6:32	5:22	
22	1:04	9.3	1:26	9.6	7:05	-1.2	7:34	-1.3	6:31	5:23	
23	1:55	9.2	2:19	9.1	8:00	-1.0	8:25	-0.8	6:29	5:24	
24	2:47	9.0	3:15	8.5	8:56	-0.6	9:18	-0.3	6:28	5:26	
25	3:41	8.6	4:15	7.9	9:55	-0.2	10:14	0.3	6:26	5:27	
26	4:38	8.2	5:18	7.4	10:57	0.2	11:15	0.8	6:24	5:28	●
27	5:39	7.9	6:25	7.0	12:03	0.5			6:23	5:30	
28	6:42	7.7	7:29	6.9	12:18	1.1	1:08	0.6	6:21	5:31	

TIDE TABLE TIME ADJUSTMENTS (HOURS:MINUTES)

LOCATION	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

Daylight Savings Time has been incorporated into these tables (in red).

Lunar Phases: ● = New ○ = Full ● = Last Quarter ● = First Quarter

TIDE TABLES: PORTSMOUTH HARBOR

MARCH 2019											
Date	HIGH				LOW				SUN		MOON Qtr.
	A.M.	Hgt.	P.M.	Hgt.	A.M.	Hgt.	P.M.	Hgt.	Rise	Set	
1	7:44	7.7	8:28	6.9	1:21	1.3	2:08	0.6	6:20	5:32	
2	8:40	7.7	9:20	7.1	2:19	1.2	3:01	0.4	6:18	5:33	
3	9:29	7.9	10:04	7.3	3:10	1.0	3:47	0.3	6:16	5:35	
4	10:12	8.1	10:43	7.5	3:54	0.8	4:27	0.2	6:15	5:36	
5	10:51	8.2	11:18	7.6	4:34	0.6	5:03	0.1	6:13	5:37	
6	11:26	8.2	11:50	7.8	5:10	0.5	5:35	0.1	6:11	5:38	●
7			12:00	8.2	5:44	0.4	6:06	0.1	6:10	5:40	
8	12:21	7.9	12:34	8.1	6:18	0.2	6:37	0.2	6:08	5:41	
9	12:52	8.0	1:08	8.0	6:52	0.2	7:09	0.3	6:06	5:42	
10	1:25	8.0	2:45	7.8	8:29	0.3	8:44	0.4	7:04	6:43	
11	3:01	8.0	3:25	7.6	9:09	0.3	9:23	0.5	7:03	6:44	
12	3:41	8.1	4:11	7.4	9:53	0.3	10:07	0.7	7:01	6:46	
13	4:27	8.0	5:02	7.2	10:44	0.4	10:58	0.9	6:59	6:47	
14	5:19	8.0	6:02	7.1	11:42	0.4	11:57	1.0	6:57	6:48	☾
15	6:19	8.1	7:08	7.1	12:46	0.4			6:56	6:49	
16	7:26	8.2	8:16	7.3	1:02	0.9	1:54	0.1	6:54	6:50	
17	8:33	8.5	9:21	7.8	2:10	0.7	2:59	-0.3	6:52	6:52	
18	9:38	9.0	10:19	8.3	3:16	0.2	3:59	-0.7	6:50	6:53	
19	10:38	9.4	11:13	8.9	4:16	-0.4	4:53	-1.1	6:49	6:54	
20	11:33	9.7			5:12	-0.9	5:44	-1.4	6:47	6:55	
21	12:04	9.3	12:26	9.8	6:05	-1.2	6:33	-1.4	6:45	6:56	○
22	12:52	9.5	1:17	9.6	6:57	-1.4	7:21	-1.3	6:43	6:58	
23	1:40	9.6	2:08	9.3	7:48	-1.3	8:09	-0.9	6:42	6:59	
24	2:28	9.4	2:59	8.8	8:39	-1.1	8:58	-0.4	6:40	7:00	
25	3:17	9.1	3:52	8.3	9:32	-0.7	9:48	0.2	6:38	7:01	
26	4:08	8.6	4:48	7.7	10:27	-0.2	10:42	0.7	6:36	7:02	
27	5:02	8.2	5:48	7.2	11:25	0.3	11:41	1.2	6:34	7:03	
28	6:01	7.8	6:52	6.9	12:28	0.7			6:33	7:05	☾
29	7:04	7.5	7:55	6.8	12:44	1.5	1:31	0.9	6:31	7:06	
30	8:07	7.4	8:53	6.9	1:48	1.6	2:32	0.9	6:29	7:07	
31	9:05	7.5	9:44	7.1	2:47	1.5	3:25	0.8	6:27	7:08	

APRIL 2019											
Date	HIGH				LOW				SUN		MOON Qtr.
	A.M.	Hgt.	P.M.	Hgt.	A.M.	Hgt.	P.M.	Hgt.	Rise	Set	
1	9:56	7.6	10:29	7.4	3:39	1.2	4:11	0.7	6:26	7:09	
2	10:41	7.8	11:08	7.6	4:25	1.0	4:52	0.5	6:24	7:10	
3	11:21	8.0	11:43	7.9	5:05	0.7	5:27	0.4	6:22	7:12	
4	11:58	8.1			5:42	0.4	6:00	0.3	6:20	7:13	
5	12:16	8.1	12:33	8.1	6:17	0.2	6:32	0.3	6:19	7:14	●
6	12:47	8.3	1:08	8.1	6:51	0.1	7:04	0.3	6:17	7:15	
7	1:19	8.4	1:44	8.0	7:27	0.0	7:38	0.4	6:15	7:16	
8	1:53	8.5	2:22	7.9	8:05	-0.1	8:15	0.5	6:13	7:17	
9	2:31	8.5	3:05	7.7	8:46	-0.1	8:57	0.6	6:12	7:19	
10	3:14	8.5	3:52	7.6	9:32	0.0	9:45	0.8	6:10	7:20	
11	4:02	8.4	4:46	7.4	10:24	0.1	10:38	0.9	6:08	7:21	
12	4:58	8.3	5:46	7.3	11:23	0.2	11:40	1.0	6:07	7:22	☾
13	6:00	8.3	6:52	7.4	12:27	0.2			6:05	7:23	
14	7:09	8.3	8:00	7.7	12:47	0.9	1:34	0.1	6:03	7:24	
15	8:18	8.5	9:03	8.2	1:57	0.6	2:39	-0.2	6:02	7:26	
16	9:23	8.8	10:00	8.7	3:03	0.2	3:38	-0.5	6:00	7:27	
17	10:23	9.1	10:53	9.2	4:03	-0.4	4:32	-0.7	5:58	7:28	
18	11:18	9.3	11:43	9.5	4:59	-0.8	5:23	-0.9	5:57	7:29	
19			12:10	9.3	5:51	-1.2	6:11	-0.8	5:55	7:30	○
20	12:30	9.7	1:00	9.2	6:41	-1.3	6:58	-0.6	5:54	7:31	
21	1:16	9.6	1:50	8.9	7:30	-1.2	7:44	-0.3	5:52	7:33	
22	2:01	9.4	2:39	8.5	8:18	-0.9	8:31	0.2	5:51	7:34	
23	2:48	9.0	3:29	8.0	9:07	-0.5	9:19	0.7	5:49	7:35	
24	3:36	8.6	4:21	7.6	9:58	0.0	10:10	1.1	5:47	7:36	
25	4:27	8.1	5:16	7.2	10:52	0.4	11:06	1.5	5:46	7:37	
26	5:22	7.7	6:14	7.0	11:49	0.8			5:44	7:38	☾
27	6:21	7.4	7:12	6.9	12:05	1.7	12:47	1.0	5:43	7:39	
28	7:22	7.3	8:08	7.0	1:07	1.8	1:45	1.1	5:42	7:41	
29	8:20	7.3	8:59	7.2	2:06	1.7	2:38	1.1	5:40	7:42	
30	9:14	7.4	9:45	7.5	3:00	1.4	3:25	1.0	5:39	7:43	

MAY 2019											
Date	HIGH				LOW				SUN		MOON Qtr.
	A.M.	Hgt.	P.M.	Hgt.	A.M.	Hgt.	P.M.	Hgt.	Rise	Set	
1	10:02	7.6	10:25	7.8	3:47	1.1	4:06	0.9	5:37	7:44	
2	10:45	7.7	11:02	8.1	4:30	0.8	4:44	0.7	5:36	7:45	
3	11:25	7.9	11:37	8.4	5:10	0.4	5:20	0.6	5:35	7:46	
4			12:03	8.0	5:47	0.2	5:55	0.5	5:33	7:48	●
5	12:12	8.6	12:41	8.0	6:24	-0.1	6:31	0.5	5:32	7:49	
6	12:47	8.8	1:21	8.0	7:03	-0.3	7:10	0.5	5:31	7:50	
7	1:26	8.9	2:03	8.0	7:44	-0.4	7:52	0.5	5:29	7:51	
8	2:08	9.0	2:49	7.9	8:28	-0.4	8:38	0.6	5:28	7:52	
9	2:55	8.9	3:40	7.8	9:17	-0.3	9:29	0.8	5:27	7:53	
10	3:47	8.8	4:35	7.7	10:11	-0.2	10:26	0.9	5:26	7:54	
11	4:45	8.7	5:36	7.8	11:10	-0.1	11:29	0.9	5:24	7:55	
12	5:48	8.5	6:40	7.9	12:12	0.0			5:23	7:56	☾
13	6:56	8.4	7:44	8.2	12:37	0.8	1:16	0.0	5:22	7:58	
14	8:04	8.4	8:44	8.5	1:45	0.5	2:18	-0.1	5:21	7:59	
15	9:09	8.5	9:41	8.9	2:50	0.1	3:16	-0.2	5:20	8:00	
16	10:09	8.7	10:33	9.3	3:50	-0.3	4:10	-0.3	5:19	8:01	
17	11:04	8.7	11:22	9.5	4:46	-0.7	5:01	-0.3	5:18	8:02	
18	11:56	8.7			5:37	-0.9	5:49	-0.2	5:17	8:03	○
19	12:08	9.6	12:45	8.6	6:25	-0.9	6:35	0.0	5:16	8:04	
20	12:53	9.5	1:32	8.4	7:12	-0.8	7:20	0.3	5:15	8:05	
21	1:37	9.2	2:19	8.1	7:58	-0.6	8:05	0.7	5:14	8:06	
22	2:21	8.9	3:05	7.8	8:44	-0.3	8:51	1.0	5:13	8:07	
23	3:07	8.5	3:53	7.5	9:30	0.1	9:39	1.3	5:13	8:08	
24	3:54	8.1	4:42	7.3	10:18	0.5	10:30	1.6	5:12	8:09	
25	4:44	7.8	5:33	7.2	11:08	0.8	11:24	1.7	5:11	8:10	
26	5:37	7.5	6:25	7.1	11:59	1.0			5:10	8:11	☾
27	6:33	7.3	7:17	7.2	12:20	1.8	12:51	1.1	5:10	8:11	
28	7:29	7.2	8:06	7.4	1:17	1.7	1:41	1.2	5:09	8:12	
29	8:23	7.2	8:53	7.6	2:12	1.5	2:29	1.2	5:08	8:13	
30	9:15	7.3	9:37	8.0	3:02	1.2	3:14	1.1	5:08	8:14	
31	10:03	7.4	10:17	8.3	3:49	0.8	3:56	0.9	5:07	8:15	

JUNE 2019											
Date	HIGH				LOW				SUN		MOON Qtr.
	A.M.	Hgt.	P.M.	Hgt.	A.M.	Hgt.	P.M.	Hgt.	Rise	Set	
1	10:48	7.6	10:57	8.6	4:33	0.5	4:38	0.8	5:07	8:16	
2	11:31	7.8	11:37	8.9	5:15	0.1	5:19	0.7	5:06	8:16	
3			12:15	7.9	5:57	-0.2	6:01	0.5	5:06	8:17	●
4	12:19	9.2	12:59	8.0	6:40	-0.5	6:45	0.4	5:05	8:18	
5	1:03	9.3	1:46	8.1	7:25	-0.7	7:32	0.4	5:05	8:19	
6	1:50	9.4	2:35	8.1	8:13	-0.7	8:23	0.4	5:05	8:19	
7	2:41	9.3	3:28	8.1	9:05	-0.7	9:17	0.5	5:04	8:20	
8	3:36	9.2	4:24	8.2	9:59	-0.6	10:16	0.5	5:04	8:21	
9	4:35	8.9	5:23	8.2	10:56	-0.4	11:19	0.6	5:04	8:21	
10	5:38	8.7	6:24	8.4	11:56	-0.2			5:04	8:22	☾
11	6:43	8.4	7:25	8.5	12:26	0.5	12:57	-0.1	5:04	8:22	
12	7:50	8.3	8:25	8.8	1:33	0.4	1:57	0.0	5:03	8:23	
13	8:54	8.2	9:21	9.0	2:37	0.1	2:55	0.1	5:03	8:23	
14	9:54	8.2	10:14	9.2	3:37	-0.2	3:50	0.2	5:03	8:24	
15	10:50	8.2	11:03	9.3	4:32	-0.4	4:41	0.3	5:03	8:24	
16	11:42	8.1	11:49	9.2	5:23	-0.5	5:29	0.4	5:03	8:25	
17			12:29	8.0	6:10	-0.5	6:15	0.5	5:03	8:25	○
18	12:33	9.1	1:14	7.9	6:55	-0.4	6:59	0.7	5:03	8:25	
19	1:16	8.9	1:58	7.8	7:38	-0.3	7:42	0.9	5:03	8:26	
20	1:58	8.7	2:41	7.6	8:20	0.0	8:25	1.1	5:04	8:26	
21	2:40	8.4	3:23	7.5	9:02	0.2	9:09	1.3	5:04	8:26	
22	3:23	8.2	4:06	7.4	9:44	0.5	9:54	1.4	5:04	8:26	
23	4:08	7.9	4:51	7.3	10:27	0.7	10:42	1.5	5:04	8:26	
24	4:55	7.6	5:36	7.3	11:11	0.9	11:33	1.6	5:05	8:27	
25	5:45	7.4	6:23	7.4	11:57	1.0			5:05	8:27	☾
26	6:37	7.2	7:11	7.5	12:26	1.6	12:44	1.2	5:05	8:27	
27	7:31	7.1	7:59	7.7	1:20	1.4	1:32	1.2	5:06	8:27	
28	8:25	7.1	8:46	8.0	2:13	1.2	2:21	1.1	5:06	8:27	
29	9:19	7.2	9:33	8.4	3:05	0.8	3:10	1.0	5:07	8:27	
30	10:10	7.4	10:20	8.8	3:55	0.4	3:58	0.8	5:07	8:26	

TIDE TABLES: PORTSMOUTH HARBOR

JULY 2019											
Date	HIGH				LOW				SUN		MOON Qtr.
	A.M.	Hgt.	P.M.	Hgt.	A.M.	Hgt.	P.M.	Hgt.	Rise	Set	
1	11:00	7.7	11:07	9.1	4:43	0.0	4:46	0.6	5:08	8:26	
2	11:48	7.9	11:55	9.4	5:30	-0.4	5:35	0.4	5:08	8:26	●
3			12:38	8.1	6:18	-0.8	6:24	0.2	5:09	8:26	
4	12:44	9.6	1:28	8.3	7:07	-1.0	7:15	0.0	5:09	8:26	
5	1:35	9.7	2:19	8.5	7:58	-1.1	8:09	0.0	5:10	8:25	
6	2:29	9.6	3:13	8.6	8:49	-1.0	9:05	0.0	5:10	8:25	
7	3:25	9.4	4:08	8.6	9:43	-0.9	10:04	0.1	5:11	8:25	
8	4:23	9.1	5:05	8.7	10:39	-0.6	11:07	0.1	5:12	8:24	
9	5:25	8.7	6:04	8.7	11:36	-0.3			5:13	8:24	☾
10	6:29	8.3	7:04	8.7	12:11	0.2	12:36	0.0	5:13	8:23	
11	7:34	8.0	8:03	8.8	1:17	0.2	1:35	0.3	5:14	8:23	
12	8:39	7.8	9:01	8.8	2:22	0.1	2:35	0.5	5:15	8:22	
13	9:40	7.7	9:56	8.8	3:22	0.0	3:31	0.6	5:16	8:22	
14	10:36	7.7	10:46	8.9	4:18	-0.1	4:24	0.7	5:16	8:21	
15	11:27	7.7	11:33	8.8	5:08	-0.2	5:12	0.7	5:17	8:21	
16			12:13	7.7	5:55	-0.2	5:57	0.8	5:18	8:20	○
17	12:16	8.8	12:55	7.7	6:37	-0.1	6:39	0.8	5:19	8:19	
18	12:56	8.7	1:35	7.6	7:17	0.0	7:19	0.9	5:20	8:18	
19	1:36	8.5	2:13	7.6	7:55	0.1	7:59	1.0	5:21	8:18	
20	2:14	8.4	2:51	7.5	8:32	0.3	8:39	1.1	5:22	8:17	
21	2:54	8.1	3:29	7.5	9:09	0.4	9:20	1.2	5:23	8:16	
22	3:34	7.9	4:08	7.5	9:47	0.6	10:03	1.2	5:24	8:15	
23	4:17	7.6	4:49	7.5	10:26	0.8	10:49	1.3	5:25	8:14	
24	5:02	7.4	5:32	7.6	11:08	0.9	11:38	1.3	5:25	8:13	
25	5:51	7.2	6:19	7.7	11:53	1.1			5:26	8:12	☾
26	6:44	7.0	7:08	7.8	12:31	1.2	12:42	1.2	5:27	8:11	
27	7:41	7.0	8:01	8.1	1:27	1.0	1:35	1.1	5:28	8:10	
28	8:39	7.1	8:54	8.4	2:23	0.7	2:30	1.0	5:29	8:09	
29	9:36	7.3	9:48	8.9	3:20	0.3	3:25	0.8	5:31	8:08	
30	10:31	7.7	10:42	9.3	4:14	-0.2	4:20	0.4	5:32	8:07	
31	11:24	8.1	11:35	9.6	5:06	-0.6	5:13	0.1	5:33	8:06	

AUGUST 2019											
Date	HIGH				LOW				SUN		MOON Qtr.
	A.M.	Hgt.	P.M.	Hgt.	A.M.	Hgt.	P.M.	Hgt.	Rise	Set	
1			12:16	8.4	5:57	-1.0	6:06	-0.3	5:34	8:05	●
2	12:27	9.9	1:07	8.7	6:48	-1.3	6:59	-0.5	5:35	8:04	
3	1:20	9.9	1:59	8.9	7:38	-1.3	7:54	-0.6	5:36	8:02	
4	2:14	9.8	2:52	9.0	8:30	-1.3	8:50	-0.6	5:37	8:01	
5	3:10	9.5	3:46	9.1	9:22	-1.0	9:48	-0.4	5:38	8:00	
6	4:08	9.1	4:42	9.0	10:17	-0.6	10:49	-0.2	5:39	7:59	
7	5:08	8.6	5:40	8.8	11:13	-0.2	11:53	0.0	5:40	7:57	☾
8	6:11	8.1	6:40	8.7			12:12	0.2	5:41	7:56	
9	7:17	7.7	7:41	8.5	12:58	0.2	1:14	0.6	5:42	7:55	
10	8:22	7.5	8:41	8.4	2:03	0.3	2:15	0.8	5:43	7:53	
11	9:24	7.4	9:38	8.4	3:05	0.2	3:14	0.9	5:44	7:52	
12	10:19	7.4	10:29	8.5	4:01	0.2	4:07	0.9	5:45	7:50	
13	11:08	7.5	11:16	8.5	4:51	0.1	4:55	0.9	5:47	7:49	
14	11:52	7.6	11:58	8.5	5:35	0.1	5:39	0.8	5:48	7:47	
15			12:31	7.6	6:15	0.1	6:19	0.8	5:49	7:46	○
16	12:36	8.5	1:07	7.7	6:52	0.1	6:56	0.8	5:50	7:44	
17	1:13	8.4	1:42	7.7	7:26	0.2	7:32	0.8	5:51	7:43	
18	1:48	8.3	2:15	7.7	7:59	0.3	8:09	0.8	5:52	7:41	
19	2:24	8.1	2:50	7.7	8:32	0.5	8:46	0.8	5:53	7:40	
20	3:02	7.9	3:26	7.7	9:07	0.6	9:26	0.9	5:54	7:38	
21	3:42	7.6	4:04	7.8	9:44	0.8	10:09	1.0	5:55	7:37	
22	4:25	7.4	4:46	7.8	10:25	0.9	10:57	1.0	5:56	7:35	
23	5:13	7.2	5:34	7.8	11:11	1.1	11:50	1.0	5:57	7:33	☾
24	6:06	7.0	6:26	7.9	12:02	1.2			5:59	7:32	
25	7:05	7.0	7:24	8.1	12:48	0.8	12:59	1.1	6:00	7:30	
26	8:07	7.1	8:24	8.5	1:49	0.6	2:00	1.0	6:01	7:29	
27	9:08	7.5	9:24	8.9	2:50	0.2	3:00	0.6	6:02	7:27	
28	10:06	7.9	10:21	9.3	3:48	-0.3	3:59	0.2	6:03	7:25	
29	11:01	8.4	11:17	9.7	4:43	-0.7	4:55	-0.3	6:04	7:23	
30	11:54	8.8			5:35	-1.1	5:50	-0.7	6:05	7:22	●
31	12:11	10.0	12:45	9.2	6:26	-1.4	6:43	-1.0	6:06	7:20	

SEPTEMBER 2019											
Date	HIGH				LOW				SUN		MOON Qtr.
	A.M.	Hgt.	P.M.	Hgt.	A.M.	Hgt.	P.M.	Hgt.	Rise	Set	
1	1:04	10.0	1:35	9.4	7:16	-1.4	7:37	-1.1	6:07	7:18	
2	1:58	9.8	2:27	9.5	8:06	-1.2	8:32	-1.0	6:08	7:17	
3	2:52	9.4	3:19	9.3	8:58	-0.9	9:28	-0.7	6:09	7:15	
4	3:49	8.9	4:14	9.1	9:51	-0.4	10:28	-0.4	6:11	7:13	
5	4:48	8.3	5:12	8.8	10:47	0.1	11:30	0.0	6:12	7:11	
6	5:51	7.8	6:12	8.4	11:47	0.6			6:13	7:10	☾
7	6:57	7.5	7:15	8.2	12:35	0.3	12:51	1.0	6:14	7:08	
8	8:02	7.3	8:18	8.1	1:40	0.5	1:54	1.2	6:15	7:06	
9	9:02	7.3	9:16	8.1	2:42	0.5	2:54	1.2	6:16	7:04	
10	9:56	7.4	10:08	8.2	3:37	0.5	3:48	1.1	6:17	7:03	
11	10:43	7.5	10:54	8.3	4:26	0.4	4:35	0.9	6:18	7:01	
12	11:25	7.6	11:35	8.3	5:09	0.3	5:17	0.8	6:19	6:59	
13			12:02	7.8	5:47	0.3	5:55	0.6	6:20	6:57	
14	12:12	8.3	12:35	7.9	6:21	0.3	6:31	0.5	6:21	6:55	○
15	12:47	8.3	1:07	8.0	6:53	0.4	7:05	0.5	6:22	6:54	
16	1:21	8.2	1:39	8.0	7:24	0.4	7:40	0.5	6:24	6:52	
17	1:56	8.0	2:12	8.0	7:56	0.6	8:16	0.5	6:25	6:50	
18	2:32	7.8	2:46	8.0	8:30	0.7	8:54	0.6	6:26	6:48	
19	3:11	7.6	3:25	8.0	9:07	0.9	9:36	0.6	6:27	6:46	
20	3:54	7.4	4:08	8.0	9:49	1.0	10:24	0.7	6:28	6:45	
21	4:43	7.2	4:57	8.0	10:37	1.1	11:18	0.7	6:29	6:43	
22	5:38	7.1	5:54	8.1	11:32	1.2			6:30	6:41	☾
23	6:39	7.1	6:56	8.2	12:18	0.6	12:33	1.2	6:31	6:39	
24	7:43	7.3	8:01	8.5	1:22	0.4	1:38	0.9	6:32	6:37	
25	8:46	7.7	9:04	8.9	2:25	0.1	2:42	0.5	6:33	6:36	
26	9:45	8.2	10:04	9.3	3:25	-0.3	3:43	0.0	6:35	6:34	
27	10:40	8.8	11:01	9.6	4:21	-0.8	4:40	-0.6	6:36	6:32	
28	11:31	9.3	11:55	9.8	5:13	-1.1	5:34	-1.0	6:37	6:30	●
29			12:21	9.6	6:03	-1.2	6:27	-1.3	6:38	6:28	
30	12:47	9.8	1:11	9.8	6:52	-1.2	7:19	-1.4	6:39	6:27	

OCTOBER 2019											
Date	HIGH				LOW				SUN		MOON Qtr.
	A.M.	Hgt.	P.M.	Hgt.	A.M.	Hgt.	P.M.	Hgt.	Rise	Set	
1	1:40	9.5	2:00	9.7	7:41	-0.9	8:12	-1.2	6:40	6:25	
2	2:33	9.1	2:51	9.5	8:32	-0.5	9:07	-0.8	6:41	6:23	
3	3:28	8.6	3:44	9.1	9:24	0.0	10:03	-0.4	6:42	6:21	
4	4:26	8.1	4:41	8.6	10:20	0.6	11:03	0.1	6:44	6:19	
5	5:27	7.6	5:41	8.2	11:20	1.0			6:45	6:18	☾
6	6:31	7.3	6:45	7.9	12:07	0.5	12:23	1.3	6:46	6:16	
7	7:34	7.2	7:48	7.7	1:10	0.7	1:28	1.4	6:47	6:14	
8	8:33	7.2	8:47	7.8	2:11	0.8	2:28	1.4	6:48	6:13	
9	9:25	7.4	9:39	7.9	3:06	0.8	3:21	1.2	6:49	6:11	
10	10:11	7.6	10:25	8.0	3:53	0.7	4:08	0.9	6:51	6:09	
11	10:51	7.8	11:06	8.1	4:35	0.6	4:50	0.7	6:52	6:07	
12	11:27	8.0	11:44	8.1	5:12	0.5	5:28	0.5	6:53	6:06	
13			12:00	8.1	5:46	0.5	6:03	0.3	6:54	6:04	☾
14	12:19	8.1	12:32	8.3	6:17	0.5	6:38	0.2	6:55	6:02	
15	12:54	8.0	1:04	8.3	6:49	0.6	7:12	0.2	6:56	6:01	
16	1:29	7.9	1:37	8.4	7:22	0.7	7:48	0.2	6:58	5:59	
17	2:06	7.8	2:13	8.4	7:57	0.8	8:27	0.2	6:59	5:58	
18	2:46	7.6	2:53	8.3	8:37	0.9	9:11	0.3	7:00	5:56	
19	3:30	7.4	3:39	8.3	9:22	1.0	10:00	0.4	7:01	5:54	
20	4:21	7.3	4:31	8.2	10:12	1.1	10:55	0.4	7:02	5:53	
21	5:18	7.3	5:31	8.2	11:10	1.2	11:56	0.4	7:04	5:51	☾
22	6:20	7.4	6:36	8.3			12:14	1.1	7:05	5:50	
23	7:25	7.6	7:43	8.4	1:00	0.3	1:22	0.8	7:06	5:48	
24	8:27	8.1	8:48	8.7	2:04	0.0	2:28	0.3	7:07	5:47	
25	9:26	8.6	9:49	9.0	3:03	-0.3	3:29	-0.2	7:09	5:45	
26	10:20	9.1	10:46	9.3	3:59	-0.6	4:26	-0.8	7:10	5:44	
27	11:10	9.6	11:39	9.4	4:51	-0.8	5:20	-1.2	7:11	5:42	
28	11:59	9.8			5:40	-0.9	6:12	-1.4	7:12	5:41	☾
29	12:31	9.3	12:47	9.9	6:29	-0.8	7:02	-1.4	7:14	5:39	
30	1:22	9.1	1:35	9.7	7:17	-0.5	7:53	-1.2	7:15	5:38	
31	2:14	8.7	2:24	9.4	8:06	-0.1	8:44	-0.8	7:16	5:37	

TIDE TABLES: PORTSMOUTH HARBOR

NOVEMBER 2019												
Date	HIGH				LOW				SUN		MOON Qtr.	
	A.M.	Hgt.	P.M.	Hgt.	A.M.	Hgt.	P.M.	Hgt.	Rise	Set		
1	3:06	8.3	3:15	8.9	8:57	0.4	9:38	-0.3	7:17	5:35		
2	4:01	7.8	4:09	8.4	9:51	0.9	10:33	0.2	7:19	5:34		
3	3:58	7.5	4:06	8.0	9:48	1.3	10:32	0.6	6:20	4:33		
4	4:57	7.2	5:07	7.6	10:49	1.5	11:32	0.8	6:21	4:32	☾	
5	5:57	7.1	6:09	7.5	11:52	1.6			6:23	4:30		
6	6:53	7.2	7:07	7.4	12:30	1.0	12:52	1.5	6:24	4:29		
7	7:45	7.3	8:01	7.5	1:23	1.0	1:46	1.3	6:25	4:28		
8	8:31	7.6	8:49	7.6	2:11	0.9	2:35	1.0	6:26	4:27		
9	9:12	7.8	9:32	7.7	2:54	0.8	3:18	0.7	6:28	4:26		
10	9:49	8.1	10:12	7.8	3:32	0.7	3:57	0.4	6:29	4:25		
11	10:23	8.3	10:50	7.8	4:07	0.7	4:34	0.2	6:30	4:24		
12	10:57	8.5	11:27	7.8	4:41	0.6	5:10	0.0	6:32	4:22	☾	
13	11:31	8.6			5:15	0.6	5:46	-0.1	6:33	4:21		
14	12:04	7.8	12:07	8.7	5:51	0.6	6:24	-0.2	6:34	4:21		
15	12:43	7.7	12:46	8.7	6:30	0.7	7:06	-0.2	6:35	4:20		
16	1:26	7.7	1:30	8.7	7:13	0.8	7:51	-0.1	6:37	4:19		
17	2:12	7.6	2:19	8.6	8:01	0.9	8:42	-0.1	6:38	4:18		
18	3:05	7.5	3:13	8.5	8:55	0.9	9:37	0.0	6:39	4:17		
19	4:02	7.5	4:14	8.3	9:55	0.9	10:37	0.1	6:40	4:16	☾	
20	5:04	7.7	5:20	8.3	11:00	0.9	11:40	0.1	6:42	4:15		
21	6:07	8.0	6:27	8.3			12:08	0.6	6:43	4:15		
22	7:08	8.4	7:33	8.4	12:42	0.0	1:15	0.2	6:44	4:14		
23	8:07	8.8	8:35	8.6	1:42	-0.2	2:17	-0.3	6:45	4:13		
24	9:01	9.2	9:33	8.7	2:38	-0.4	3:14	-0.8	6:47	4:13		
25	9:52	9.6	10:26	8.8	3:31	-0.5	4:07	-1.1	6:48	4:12		
26	10:40	9.7	11:17	8.7	4:21	-0.5	4:58	-1.2	6:49	4:12	☾	
27	11:28	9.7			5:09	-0.3	5:47	-1.2	6:50	4:11		
28	12:07	8.5	12:14	9.5	5:56	-0.1	6:35	-1.0	6:51	4:11		
29	12:55	8.3	1:00	9.1	6:43	0.2	7:22	-0.6	6:52	4:10		
30	1:44	8.0	1:48	8.7	7:31	0.6	8:11	-0.2	6:53	4:10		

Daylight Savings Time has been incorporated into these tables (in red).

Lunar Phases: ☾ = New ☾ = Last Quarter
☾ = Full ☾ = First Quarter

TIDE TABLE TIME ADJUSTMENTS (HOURS:MINUTES)		
LOCATION	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

DON'T LET A LAWBREAKER OFF THE HOOK

Protect New Hampshire's
natural resources — report
wildlife law violators.

24-HOUR HOTLINE:
1-800-344-4262

wildnh.com/ogt





DECEMBER 2019												
Date	HIGH				LOW				SUN		MOON Qtr.	
	A.M.	Hgt.	P.M.	Hgt.	A.M.	Hgt.	P.M.	Hgt.	Rise	Set		
1	2:33	7.6	2:37	8.3	8:21	1.0	9:01	0.2	6:55	4:09		
2	3:24	7.4	3:29	7.9	9:13	1.3	9:52	0.6	6:56	4:09		
3	4:16	7.2	4:23	7.5	10:08	1.5	10:45	0.9	6:57	4:09		
4	5:10	7.1	5:20	7.3	11:06	1.6	11:38	1.0	6:58	4:09	☾	
5	6:03	7.1	6:18	7.1			12:05	1.6	6:59	4:08		
6	6:54	7.3	7:14	7.1	12:30	1.1	1:01	1.4	7:00	4:08		
7	7:42	7.5	8:06	7.1	1:19	1.1	1:53	1.1	7:01	4:08		
8	8:26	7.8	8:54	7.3	2:05	1.1	2:40	0.8	7:02	4:08		
9	9:07	8.1	9:38	7.4	2:47	1.0	3:23	0.5	7:03	4:08		
10	9:46	8.3	10:19	7.5	3:27	0.8	4:03	0.1	7:03	4:08		
11	10:24	8.6	11:00	7.7	4:06	0.7	4:42	-0.2	7:04	4:08		
12	11:03	8.8	11:40	7.8	4:45	0.6	5:22	-0.4	7:05	4:08	☾	
13	11:43	9.0			5:26	0.5	6:04	-0.6	7:06	4:08		
14	12:23	7.8	12:26	9.1	6:09	0.4	6:48	-0.6	7:07	4:09		
15	1:08	7.9	1:13	9.0	6:56	0.4	7:35	-0.6	7:07	4:09		
16	1:57	7.9	2:04	8.9	7:46	0.4	8:26	-0.6	7:08	4:09		
17	2:49	7.9	3:00	8.7	8:41	0.4	9:20	-0.4	7:09	4:09		
18	3:45	8.0	4:00	8.5	9:42	0.5	10:18	-0.2	7:10	4:10		
19	4:45	8.1	5:05	8.2	10:47	0.4	11:19	-0.1	7:10	4:10	☾	
20	5:47	8.2	6:13	8.0	11:54	0.3			7:11	4:11		
21	6:49	8.5	7:20	8.0	12:21	0.0	1:02	0.0	7:11	4:11		
22	7:48	8.8	8:23	8.0	1:22	0.0	2:05	-0.3	7:12	4:12		
23	8:44	9.1	9:22	8.1	2:20	0.0	3:03	-0.6	7:12	4:12		
24	9:37	9.2	10:16	8.2	3:14	0.0	3:57	-0.9	7:13	4:13		
25	10:26	9.3	11:06	8.2	4:05	0.0	4:46	-1.0	7:13	4:13		
26	11:12	9.3	11:52	8.1	4:53	0.0	5:33	-0.9	7:13	4:14	☾	
27	11:57	9.1			5:39	0.2	6:17	-0.8	7:14	4:15		
28	12:37	7.9	12:40	8.9	6:23	0.4	7:01	-0.5	7:14	4:15		
29	1:20	7.8	1:23	8.5	7:07	0.6	7:43	-0.2	7:14	4:16		
30	2:03	7.6	2:07	8.2	7:51	0.8	8:26	0.1	7:14	4:17		
31	2:47	7.4	2:52	7.8	8:37	1.0	9:10	0.5	7:15	4:18		



Tide charts provided by:

National Oceanic and Atmospheric Association

Source for 2019 Tide Tables: tidesandcurrents.noaa.gov

Tidal Region Mooring Regulations

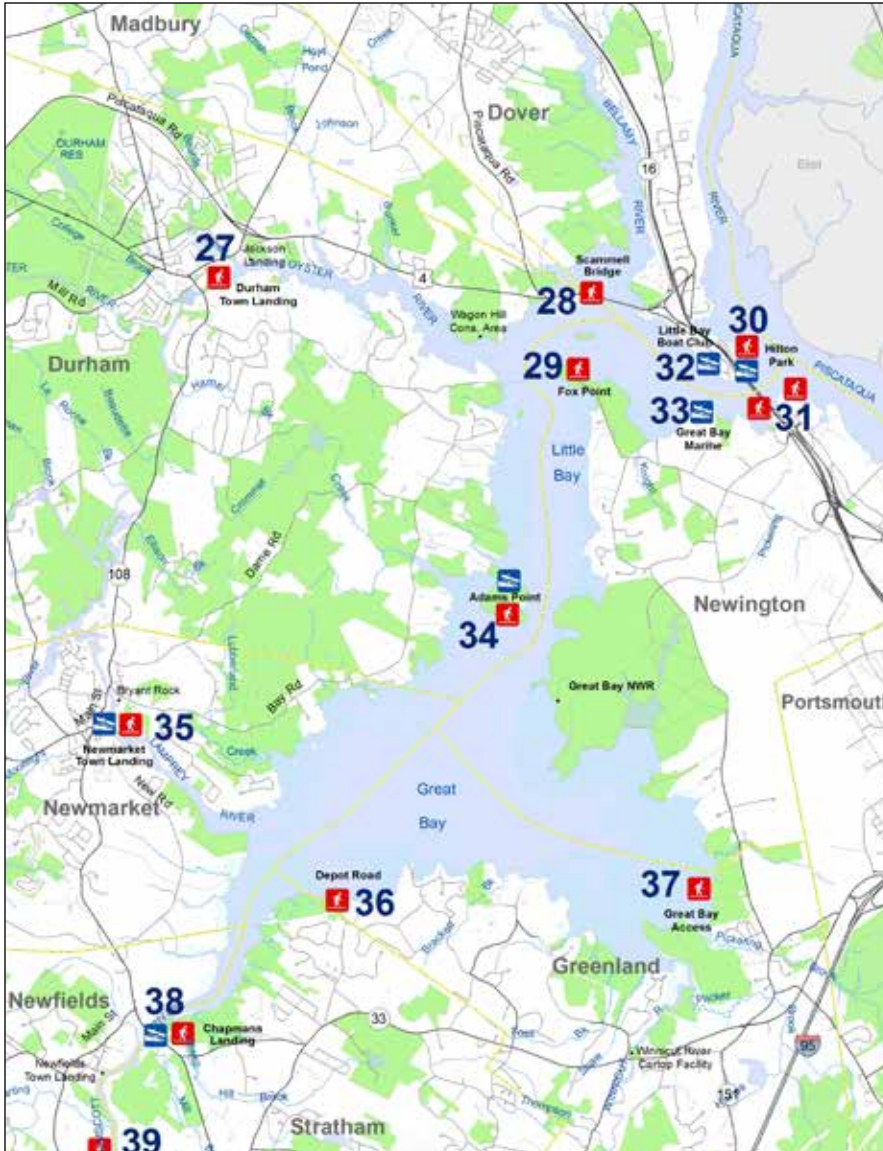
The Pease Development Authority - Division of Ports and Harbors ("DPH") regulates moorings in N.H. tidal waters. DPH is the only agency that can permit moorings for use in the state's tidal waters.

A person may apply for a mooring in the following classifications: general use mooring, shorefront property mooring, commercial use mooring, and commercial mooring for hire. State agencies may apply for a non-revenue mooring permit. Applicants should refer to the N.H. Administrative Rules Pda 500—Moorings and Anchorages to determine what type of mooring permits they qualify for. The rules can be found on the DPH website at 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. Mooring permit applications and wait list applications may be obtained by contacting Pease Development Authority—Division of Ports and Harbors, 555 Market Street, Portsmouth, NH 03801. If you have questions, please call (603) 436-8500.

Great Bay Access Sites



Looking for Exciting Sportfishing?

Surf fishing is great along New Hampshire's sandy beaches and rocky coastline. Use the map on this page to find shore and boat access points for saltwater fishing in the Great Bay Estuary and its tidal river tributaries. For prime coastal access points, see pages 16–17.

Legend

	Boat ramp/Marina		Road/Street
	Shore fishing access		Stream/Shoreline
	Town boundary		Waterbody
	Conservation		Wetland

Saltwater Anglers & Spearfishers

Buy your N.H. Recreational Saltwater Fishing License at fishnh.com or at your local license agent – just \$11.

See page 6 for details.

Also good in Maine and Massachusetts salt waters.

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SITE # ON MAP	NAME	FEE	PARKING	COMMENTS
27	Durham Town Landing	N	Ample	
28	Scammel Bridge	N	Ample	Parking at both ends of bridge
29	Fox Point	N	Limited	Newington resident access only
30	Hilton Park	N	Ample	Boat ramp not accessible at low tide
31	Bloody Point	N	Limited	Bloody Point is a shore site at the end of Bloody Point Road
32	Little Bay Boat Club	Y	Ample	Marina; private docks; fuel dock
33	Great Bay Marine	Y	Ample	Marina; private docks; fuel dock and boat launch; restaurant.
34	Adams Point	N	Limited	Boat ramp not accessible at low tide
35	Newmarket Town Landing	N	Limited	Not accessible at all tides; also shore fishing access behind mill building
36	Great Bay Discovery Center/ Depot Road Boat Launch	N	Limited	Cartop only; not accessible at all tides
37	Great Bay Access	N	Limited	No wheeled vehicles
38	Chapman's Landing	N	Ample	Accessible at all tides
39	Swazey Parkway/Exeter Downtown Boat Ramp	N	Ample	In center of downtown Exeter; limited trailer parking

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COASTAL ACCESS SITES

SITE # ON MAP	NAME	FEE	PARKING	COMMENTS
1	Blackwater River	N	Limited	Parking along Route 286; fish from bridge and shoreline
2	Seabrook Town Boat Launch	N	Limited	Boat ramp use open to all, but parking for Seabrook residents only
3	Seabrook Beach/Village**	N	Limited	Parking along Route 1A* (Ocean Blvd) on Seabrook side of bridge; Lot with limited spaces
4	Hampton-Seabrook Bridge	N	Limited	Parking along Route 1A* (Ocean Blvd) or in state parks for a fee
5	Hampton Harbor State Park	Y	Ample	Jetty and beach fishing** access
6	Hampton Harbor State Marina	Y	Ample	Seasonal fees apply
7	Tide Mill Creek	N	Limited	Cartop boat access and shore fishing
8	Hampton North Beach**	N	Ample	Metered parking at state beach
9	North Hampton State Park**	N	Limited	Metered parking at state beach; Parking along Route 1A
10	Bass Beach	N	Limited	Parking along Route 1A
11	Jenness State Beach**	N	Limited	Metered parking at state beach; Parking along Route 1A
12	Rye Harbor State Marina	Y	Ample	Seasonal fees apply
13	Rye Harbor State Park	Y	Limited	Jetty and beach fishing access; Seasonal fees apply
14	Wallis Sands State Park**	Y	Ample	Seasonal fees apply
15	Berry's Brook	N	Limited	Sea-run brown trout fishery
16	Odiorne State Park Boat Ramp	N	Ample	Jetty and shore fishing access; Boat ramp not accessible at all tides
17	Odiorne State Park Jetty and Beach Access	Y	Ample	Jetty and beach access along trail at edge of parking lot; shore fishing access at other roadside parking; Seasonal fees apply
18	Portsmouth Marina	Y	Ample	Marina; private docks; Fuel dock and boat launch
19	Wentworth Marina	Y	Ample	Marina; private docks; Fuel dock
20	Fort Stark	N	Limited	Jetty and beach fishing access on both sides of fort
21	Great Island Common	Y	Ample	Jetty and shore fishing access
22	Fort Constitution	N	Limited	Shore fishing access behind fort (open limited hours); Follow US Coast Guard Station signs and rules
23	Goat Island	N	Limited	Cartop launch area at state shore fishing access site; Bridge fishing
24	Peirce Island	Y	Ample	Seasonal fees apply
25	Four Tree Island	N	Ample	Jetty and shore fishing
26	Prescott Park	N	Limited	Temporary boat slips by reservation; Piers for shore fishing access

* May be no or limited parking in immediate vicinity of bridge and beach.

** The N.H. Division of Parks and Recreation may restrict fishing at swimming areas of State Park Beaches or municipalities may restrict fishing.

Managing Our Marine Resources

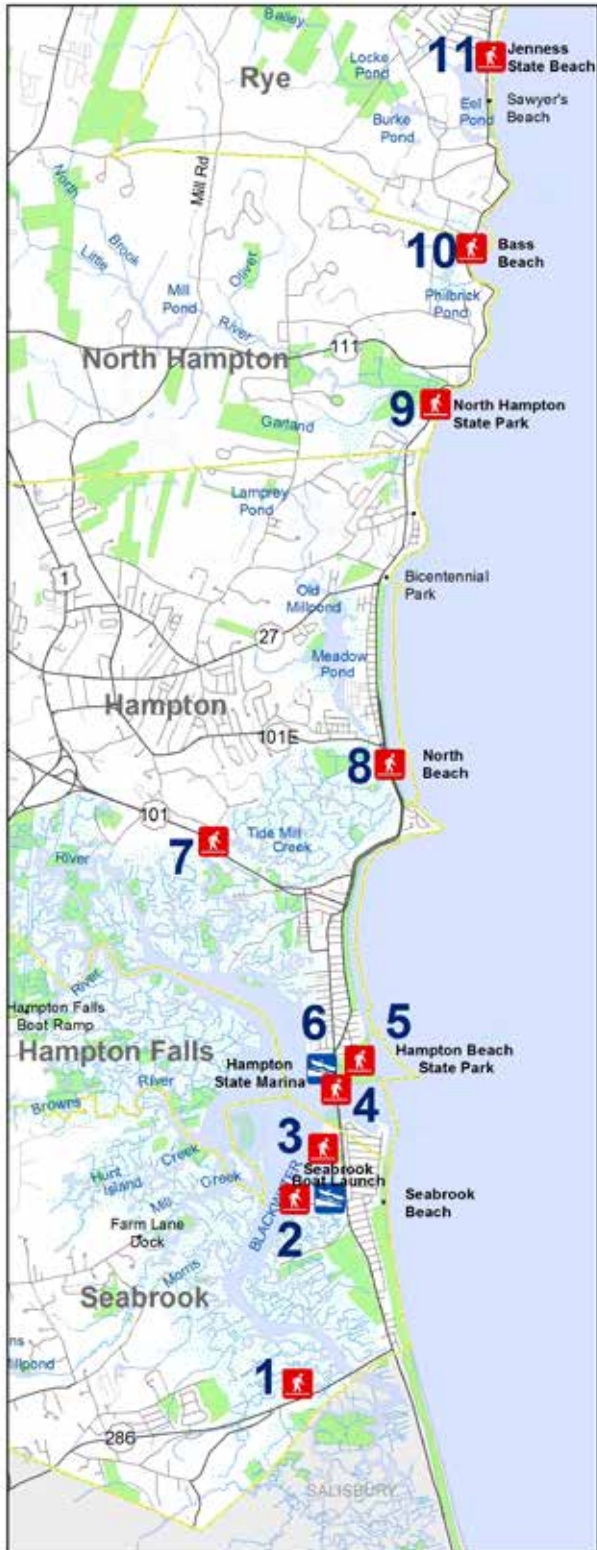
The Marine Fisheries Division of the N.H. Fish and Game Department is responsible for the regulation and promotion of recreational and commercial marine fishing in the salt waters of the state. State waters include all waters within 3 miles of the coastline; the area between 3 and 200 miles from shore is under the jurisdiction of the Federal government. The Marine Division conducts scientific investigations to monitor marine resources and habitat as well as the harvest of fishery resources within state waters. We also work with other states through the Atlantic States Marine Fisheries Commission, as well as the New England Fisheries Management Council, to manage marine species throughout their range.

The Atlantic States Marine Fisheries Commission (ASMFC.org) was formed by the 15 Atlantic coast states in 1942, in recognition that fish do not adhere to political boundaries. The Commission serves as a deliberative body, coordinating the conservation and management of the states' shared near-shore fishery resources – marine, shell, and diadromous – for sustainable use. The Commission's mission is to promote the better utilization of the fisheries of the Atlantic seaboard by the development of a joint program for the promotion and protection of such fisheries, and by the prevention of physical waste of the fisheries from any cause. It currently manages more than 27 species, including lobster, striped bass, bluefish, Atlantic sea herring, spiny dogfish, northern shrimp, and river herring. New Hampshire is represented on the ASMFC by three commissioners, including one representative from Fish and Game's Marine Fisheries Division.

The New England Fishery Management Council (NEFMC.org) is one of eight regional fishery councils created in 1976. NEFMC manages the living marine resources in the Federal waters (between 3 and 200 miles offshore) off the New England coastline. The NEFMC includes three New Hampshire members – the head of the Marine Division, as well as two local fishermen. It has developed fishery management plans for groundfish (cod, haddock, flounders, etc.), scallops, Atlantic sea herring, monkfish, red crab, skates, Atlantic salmon, and habitat. The plans are approved by the US Secretary of Commerce and implemented by the National Oceanic and Atmospheric Administration's Fisheries Service.



N.H. Coastal Access Sites



Legend

- | | | | |
|----------------------|---------------|------------------|-----------|
| Boat ramp/Marina | Town boundary | Road/Street | Waterbody |
| Shore fishing access | Conservation | Stream/Shoreline | Wetland |

COMMERCIAL SALTWATER FISHING—FINFISH

New Hampshire has an active commercial marine fishing industry. Commercial finfish harvesting occurs almost exclusively in federal waters. State licenses may be required to harvest, transport, sell, or possess.

Reporting Requirements: Any person holding a permit to net or harvest from coastal waters must submit a monthly report of fishing

activities. Forms are available from Fish and Game Marine Division. Fishermen must also participate in the National Marine Fisheries Service Vessel Trip Report program, if they have a federal permit for specific species.

Groundfish: See tables below for specific information and page 5 for a list of groundfish species.

- No mobile gear may be used to take finfish or crustaceans in state waters.
- Minimum mesh size for gillnets and mobile gear is 6.5 inches to take, transport or possess groundfish.
- All federally permitted vessels must abide by current federal trip limits for groundfish.

NEW HAMPSHIRE COMMERCIAL SALTWATER FISHING REGULATIONS

SPECIES	MIN. LENGTH (TOTAL LENGTH)	LIMIT	CLOSED SEASON/ DAY	SPECIAL RULES
American Eel	9 inches		Fishway closures: October 2 – June 14	• See Coastal Harvest Section, page 19 • Harvest Permit required if taken by any method other than angling
American Plaice*	12 inches		April 1 – June 30	
American Shad				
Atlantic Cod*	19 inches	See Special Rules	April 1 – June 30	• All shad taken in State waters must be immediately released • Commercial landing cannot exceed 5% of the total landing by weight per trip • Non-federally permitted vessels fishing in state waters with a commercial saltwater license are restricted to current daily trip limits for common pool vessels pursuant to 50CFR648.86 • If federally permitted, current federal regulations and trip limits apply • See Gulf of Maine Cod Spawning Protection Area map on page 8
Atlantic Halibut*	41 inches	1 fish per trip/vessel	April 1 – June 30	Head and tail intact
Atlantic Menhaden		6,000 lbs./day once state quota harvested		• Only non-directed or small scale gears permitted in state waters (call 868-1095 for list of allowable gears) • See gill net restrictions (pg. 19) • No transfer of catch at sea • Daily electronic reporting requirement for menhaden dealers
Atlantic Sea Herring			• October 4–31 • Contact Marine Fisheries for prohibited landing days	• Fish and Game Director may revise closure dates • Max. incidental catch = 2,000 lbs./day during specific area closures • Permit required to possess herring (see page 4) • May be possessed without a permit for use as bait when tending lobster and crab pots and recreational fishing
Atlantic Wolffish			Closed	Taking and possession prohibited
Black Sea Bass	11 inches			Length does not include filament/tail extension
Bluefin Tuna	73 inches CFL**	Variable; see website		Under federal management; contact NMFS — 1-888-USA-TUNA or hmspermits.noaa.gov ; Commercial saltwater license required for sale
Bluefish			October 1 – June 30 (by any method)	
Dogfish, Spiny		Contact Marine Division for current trip limits: (603) 868-1095	May 1 – June 30	• Subject to additional closures • Finning prohibited
Haddock*	16 inches		April 1 – June 30	Head and tail intact, unless fillet is 10 inches minimum
Monkfish	17 inches			• Tails: minimum 11 inches; measured from the anterior portion of the fourth cephalic dorsal spine to the end of the caudal fin • Livers: shall not exceed 25% of the total weight of monkfish tails or 10% of the total weight of whole monkfish on any trip
Ocean Pout*			April 1 – June 30	
Pollock*	19 inches		Gill net: April 1 – June 30	
Rainbow Smelt (saltwater)		4 liquid quarts/day	Net or Weirs: March 1 – December 15 Inland of Memorial Bridge (Portsmouth)	• Head and tail intact • Bow nets and dip nets held in hand may be used in: Oyster, Squamscott, Bellamy, and Lamprey Rivers • Harvest Permit required for nets (see Coastal Harvest Section, page 19) • Commercial saltwater license required to sell
Redfish*	7 inches		Gill net: April 1 – June 30	
River Herring (Alewife/ Blueback Herring)			Sunrise Wednesday – sunrise Thursday	• Harvest Permit required if taken by any form of netting (including chicken wire) • See page 19 for specific river regulations
Sharks — Blue, Porbeagle, Shortfin Mako and Thresher				• Porbeagle — no commercial take in state waters • All sharks — head, fins and tail must remain attached through landing • Additional federal regulations apply in federal waters (call 1-978-281-9315)
Striped Bass			Closed	Take by netting prohibited; sale prohibited
Sturgeon			Closed	Possession prohibited
Summer Flounder*			Closed	Take prohibited
White Hake*			April 1 – June 30	
White Perch			Closed	Sale is prohibited
Windowpane Flounder*			April 1 – June 30	
Winter Flounder *	12 inches		April 1 – June 30	If not federally permitted for groundfish, may possess up to 500 lbs./vessel
Witch Flounder*	13 inches		April 1 – June 30	
Yellowtail Flounder*	12 inches		April 1 – June 30	

*All groundfish species that are filleted and skinned must retain at least 2 square inches of contiguous skin intact for identification purposes.

**Curved fork length - See definition on page 5.



There are regulations relating to the harvest of many marine species from New Hampshire's coastal and estuarine waters, generally by means other than hook and line. Refer to the tables at right for general species regulations and gear restrictions for fish and invertebrates commonly harvested by coastal harvest permittees.

Harvest Permit: 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. Also required to take any species, except lobsters and crabs, for commercial purposes from N.H. waters unless already reporting the catch to NOAA Fisheries via vessel trip reports. Available at Fish and Game Region 3 Office in Durham. Netting of river herring by residents only and non-residents holding a non-resident Commercial Saltwater License.

NOTE: If you are harvesting finfish for personal use only, you need to purchase a recreational saltwater license (see page 6). If you plan to sell your catch, you need a commercial saltwater license.

Reporting: 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's Region 3 Office, Durham. Commercial fishermen are required to report catch information to the Department if fishing in state waters. Fishermen are also required to participate in the NOAA Fisheries Service Vessel Trip Report program, if fishing federal waters for specific species.

COASTAL HARVEST			
SPECIES	RESTRICTIONS		
	LENGTH	LIMIT	SEASON
American Eel	Minimum 9 inches	25 (recreational)	<ul style="list-style-type: none"> No closed season Except the downstream portion of a fishway is closed from Oct. 2 – June 14
Atlantic Sea Herring	Refer to Commercial Fishing section (page 18)		
Dogfish, Spiny	Refer to Commercial Fishing section (page 18)		
Horseshoe Crab	Refer to Invertebrate section (page 26)		
Rainbow Smelt (see also Recreational Fishing section, page 7)		<ul style="list-style-type: none"> 4 quarts liquid measure Head and tail intact 	<ul style="list-style-type: none"> Closed March 1 – December 15 to the taking by net or weir, in state waters which lie inland of the Memorial Bridge in Portsmouth
River Herring (Alewife/Blueback Herring)		See Squamscott River in <i>Special River Restrictions</i> , below	<ul style="list-style-type: none"> May not be taken on Wednesdays by any method See Squamscott River and Taylor River in <i>Special River Restrictions</i>

COASTAL HARVEST GEAR RESTRICTIONS		
GEAR	SIZE	OTHER
Gill Nets (to take, transport, or possess groundfish only)	<ul style="list-style-type: none"> Minimum mesh 6.5 in. Maximum length 300 ft. Limit of 25 gill nets per permittee 	Weak links with a breaking strength of 1,100 lbs. shall be used in gill net panels set seaward of the harbor entrances.
Gill Nets (used in waters inland of the Memorial Bridge in Portsmouth, Little Harbor and Rye Harbor and their tributaries inland of the most seaward jetty, and inland of the Hampton Harbor Bridge)	<ul style="list-style-type: none"> Maximum mesh 3 in. Maximum length 100 ft.; Maximum width 7 ft. 	<ul style="list-style-type: none"> Permitted from April 16 – October 31 between 2 hours before sunrise until 2 hours after sunset Netter must be within unaided eyesight of net It is not permitted to set a net so it extends beyond the thread of the stream A net may not be set within 1,000 feet of another net, measured along the thread of the stream
Gill Nets (Menhaden/coastal waters)	Call Marine Fisheries Division for current rules, (603) 868-1095, or see Fish and Game rule Fis 603.21 at fishnh.gov .	
Mobile Gear		Not permitted for use in state waters to take finfish or crustaceans
Pots and Traps (used for taking finfish)		Tending must be done between sunrise and sunset
Pots and Traps (used for taking American eels)	Minimum mesh 1/2 in. throughout.	Tending must be done between sunrise and sunset
Seines	<ul style="list-style-type: none"> Not greater than 50 sq. ft. Minimum mesh 1/2 in. 	Shall only be drawn manually, pulled or dragged through water
Weir		<ul style="list-style-type: none"> Harvest of smelt prohibited For more information, call Marine Fisheries (603) 868-1095

SPECIAL RIVER RESTRICTIONS

Fishways: No person is allowed to take finfish in fishways nor allowed in or on a fishway without permission. The waters surrounding any dam containing a fishway are closed to all fishing, except eels may be taken by traps, pots or spears within the tidal portions from June 15 – October 1:

AREA	RESTRICTION(S)
Cocheco River	Closed from the upstream side of Central Avenue Bridge to downstream side of Washington Street Bridge in Dover
Exeter River (downtown)	Closed from the upstream side of High Street (Great) Bridge to downstream side of Chestnut Street (String) Bridge (on Squamscott River) in Exeter
Lamprey River	<ul style="list-style-type: none"> No person shall use any type of net or weir for the taking of finfish from the downstream side of the Macallen Dam to a line perpendicular with the two riverbanks from the north side of the Newmarket boat launch ramp Closed from upstream side of Rte 108 Bridge to 275 feet below the downstream side of Macallen Dam (tidal water) in Newmarket In the Lamprey River, use of nets, except weirs, shall be restricted to the period of sunrise to sunset
Oyster River	Closed from the upstream side of dam and fishway, including a 50-foot radius in front of the fishway; closed to the taking of river herring from Mill Pond Dam, Durham, downstream to the river mouth in Little Bay
Piscataqua River	Including Great Bay estuary and tributaries inland of Memorial Bridge, closed to the use of gill nets with mesh larger than 3 inches
Salmon Falls River	Closed from the upstream side of the Route 4 Bridge to 150 feet downstream of South Berwick Dam
Squamscott River	River herring: Squamscott River and its tributaries from the Route 108 bridge to the String Bridge in Exeter: <ul style="list-style-type: none"> Open Mondays and Saturdays only from April 1 – June 30 Daily limit of 1 tote per person Tote container measures 31.5 inches x 18 inches x 11.5 inches Tote shall have the harvester's permit number plainly visible on the outside of the tote
Taylor River	<ul style="list-style-type: none"> Closed from the railroad bridge to the head of tide dam in Hampton to the taking of river herring by netting of any method Closed from the upstream side of fishway and dams, including a 50-foot radius in front of the fishway on the upstream side, to a line perpendicular to south end of south overflow culvert at Route 95 to opposite side of river (east)
Winnicut River	<ul style="list-style-type: none"> Closed to all fishing within a 25' radius of the downstream portion of the fishway and a 6' radius of the upstream portion of the fishway. Closed to the taking of all fish, except by angling, from the south side of the Boston and Maine Railroad bridge to the Route 33 bridge.

SHELLFISH

SPECIES	SEASON/DAY/TIME RESTRICTIONS	SIZE	LIMIT	LICENSE NEEDED	NOTES
RECREATIONAL SHELLFISH REGULATIONS*					
Blue Mussels (<i>Mytilus edulis</i>)	No closed season except for Hampton/Seabrook Estuary and Little Bay/Bellamy River Open Areas	No limit	No limit	No	<ul style="list-style-type: none"> Residents only Personal use only, no sale allowed Harvest by hand or handheld tools only Other mussel species (e.g. horse and ribbed mussel) may also be taken Hampton/Seabrook Estuary only: ½ hour before sunrise to sunset on Saturdays only, open Nov. 1 – May 31 Lower Little Bay (Dover Point to Fox Point/Durham Point), Oyster River, Bellamy River Open Areas: Open on Saturdays only from 9AM to sunset, April–September. New Closure (see map) — closed October through March. Upper Little Bay (Fox Point to Adams Point) Open Areas: Open on Saturdays only from 9AM to sunset.
Oysters	<ul style="list-style-type: none"> Open Sept. – June Sunrise to sunset only, except Little Bay/Bellamy River Open Areas 	No limit	½ bushel unshucked/day	Yes	<ul style="list-style-type: none"> Residents only Personal use only, no sale allowed May be taken by hand, hand rake or tongs only No taking through ice No shucked oysters may be possessed while on or leaving N.H. waters Oyster license number must be permanently marked on outside of container Must have oyster license on person Lower Little Bay (Dover Point to Fox Point/Durham Point), Oyster River, Bellamy River Open Areas: Open on Saturdays only from 9AM to sunset, April–September. New Closure (see map) — closed October through March. Upper Little Bay (Fox Point to Adams Point) Open Areas: Open on Saturdays only from 9AM to sunset.
Sea Scallops	Open November 1 – April 14 by diving; December 1 – April 14 by dredge	Min. 3½ inches shell height	75 lbs. shucked meats or 625 lbs. unshucked (shell)/day	No	<ul style="list-style-type: none"> Personal use only May be taken by diving or dredge Must be landed in shell if taken by hand
Softshell Clam (<i>Mya arenaria</i>)	<ul style="list-style-type: none"> Open the first Saturday after Labor Day – May 31 except for Hampton/Seabrook Estuary Saturday only ½ hr. before sunrise to sunset, except Little Bay/Bellamy River open areas 	No limit	10 liquid quarts unshucked/day	Yes	<ul style="list-style-type: none"> Residents only (6 years of age or older) Personal use only, no sale allowed License must be displayed in plain view while clamming Clam license number must be permanently marked on outside of container Handheld tools only, with handles not exceeding 18 inches No shucked clams allowed on or while leaving N.H. waters Hampton/Seabrook Estuary only: ½ hour before sunrise to sunset on Saturdays only, open Nov. 1 – May 31** Lower Little Bay (Dover Point to Fox Point/Durham Point), Oyster River, Bellamy River Open Areas: Open on Saturdays only from 9AM to sunset, April–September. New Closure (see map) — closed October through March. Upper Little Bay (Fox Point to Adams Point) Open Areas: Open on Saturdays only from 9AM to sunset.
Quahog, little neck or cherrystone clam (<i>Mercenaria mercenaria</i>)	No open season				
Other Bivalve Mollusks (surf & razor clams, mahogany quahog)	No closed season except Little Bay/Bellamy River Open Areas	No limit	No limit	No	<ul style="list-style-type: none"> Residents only Harvest by hand or handheld tools only Harvest of surf clams and quahogs limited to approved water within 500 feet of low tide line Lower Little Bay (Dover Point to Fox Point/Durham Point), Oyster River, Bellamy River Open Areas: Open on Saturdays only from 9AM to sunset, April–September. New Closure (see map) — closed October through March. Upper Little Bay (Fox Point to Adams Point) Open Areas: Open on Saturdays only from 9AM to sunset.
Whelks	<ul style="list-style-type: none"> No closed season Harvest only from 1 hr. before sunrise to sunset 	Min. 2½ inches	5/day	No	<ul style="list-style-type: none"> Personal use only Residents only
COMMERCIAL SHELLFISH REGULATIONS*					
Sea Scallops	Open November 1 – April 14 by diving; December 1 – April 14 by dredge	Min. 3½ inches shell height	75 lbs. shucked meats or 625 lbs. unshucked (shell)/day	Yes ***	<ul style="list-style-type: none"> May be taken by diving or one dredge only Must be landed in shell if taken by hand Helpers working under the Commercial Saltwater License shall not take by diving Dredge: width limit = maximum 4 feet., ring size = 4 inches, minimum mesh size = 10 inches No obstructions or liners attached in dredge Call Marine Fisheries (603) 868-1095 for chafing gear restrictions No possession of other marine species when dredging except surf clams and mahogany quahogs and only in accordance with species regulations
Other Bivalve Mollusks (surf and razor clams, mahogany quahog)	No closed season	No limit	500 unshucked bushels/day	Yes	<ul style="list-style-type: none"> Dredge blade/knife/manifold: maximum 48 inches. Monthly reporting required: Contact Marine Division (603) 868-1095
Whelks	<ul style="list-style-type: none"> No closed season Harvest only from 1 hr. before sunrise to sunset 	Min. 2½ inches	No limit	Yes	<ul style="list-style-type: none"> Harvest by pot, trap or other contrivance Each buoy and trap shall be marked with a "W" and the first initial and last name of licensee when fishing solely for whelks
<p>* Temporary closures of shellfishing areas may occur due to high bacteria count or red tide or other pollution concerns. For updates, call the Clam Flat Hotline at 1-800-43-CLAMS.</p> <p>** Due to unpredictable water quality in September and October, even in dry weather, the opening of the clam flats in Hampton-Seabrook Estuary is delayed until November 1.</p> <p>*** If fishing state waters, a harvest permit is required.</p>					

SHELLFISH IDENTIFICATION

New Hampshire is fortunate to have a rich variety of molluscan shellfish. Some of the most frequently seen are easy to identify by their shell shape and color.



Blue Mussel



Sea Scallop



Surf Clam



Razor Clam



Softshell Clam



Ribbed Mussel



American Oyster



European Oyster



Mahogany Quahog



Horse Mussel



Waved Whelk



Stimpsons Whelk



Quahog
(*Mercenaria mercenaria*)

New Hampshire has oysters, clams and mussels available for recreational harvest.

License may be required.

- **Mollusks (clams, oysters, mussels, etc.)** may only be taken from approved areas. (See map on pages 22–23).
- **Motor vehicles are prohibited on clam flats** (any tidal area, exposed at low tide, that is capable of growing clams).
- **Call 1-800-43-CLAMS for current open/closed status of N.H. shellfish areas.** Temporary closures during open seasons may occur due to high bacteria levels, red tide or other issues.
- **Sale prohibited.** Softshell clams and oysters of N.H. origin, and quahogs, littlenecks and cherrystones (*Mercenaria mercenaria*) less than 1 inch in shell thickness cannot be sold.

Note: Shellfish Closures May Change

Most of New Hampshire's coastal waters (up to 3 miles offshore) are open to shellfish harvest, with the exception of surf clams and mahogany quahogs, which can be harvested for consumption from the shoreline to 500 feet seaward of the low tide line. In addition, several small areas along the coast are 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. All waters within 750 feet of each outlet are closed to shellfish harvest. Additionally, all waters within 1,500 feet of Little River (near North Hampton State

Beach), and waters 1,500 feet north of Great Boars Head in Hampton, are closed to shellfish harvest. Also closed are areas around the wastewater treatment plant outfalls 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 Fish and Game's Clam Flat Hotline at 1-800-43-CLAMS, check fishnh.com/marine and consult the information and maps at xml2.des.state.nh.us/CoastalAtlas/Atlas.html.

Red Tide

Red tide is caused by the accumulation of toxins from one-celled 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 to October. If PSP toxins exceed state standards for consumption, shellfish harvesting areas are closed and public notice given via news media and the Fish and Game website. Contact Fish and Game Marine Fisheries Division at (603) 868-1095 or the Department of Environmental Services at (603) 559-1509, weekdays from 8 a.m. to 4 p.m.,

for updated information. Even when red tide closures are not in effect, some areas may be closed to the taking of shellfish (see *Shellfish Closures May Change*).

Aquaculture in Little Bay

Aquaculture of marine bivalves (mainly oysters) is a relatively new enterprise in New Hampshire. Currently, this activity is being pursued at a number of aquaculture operations in Upper and Lower Little Bay. Each area, ranging from 1 to 4.5 acres, is identified by yellow corner buoys. Recreational boaters and fishermen should use care in traversing these areas. **Remember, it is unlawful to disturb, molest, tend, or possess any aquaculture gear or marine species raised in a licensed marine aquaculture operation without the written permission of the licensee.**

SHELLFISH AREAS

Recreational harvest of various types of shellfish is an activity enjoyed by many New Hampshire residents. State licenses are required to harvest softshell clam and oysters; other shellfish may have certain restrictions on taking, but require no license. Softshell clams are dug from flats at or near low tide. For advice on proper clam digging techniques, see page 23. Oysters are brought up from their shallow beds using tongs or simply picked up by hand. For season, limit and take requirements for shellfish, see page 20.

Clam Flat Hotline

For the latest information on closed and open shellfishing areas, call Fish and Game's Clam Flat Hotline at **1-800-43-CLAMS**. The hotline is updated weekly on Friday afternoons, but harvesters should check back frequently for unscheduled updates. For those harvesting in Little Bay and Bellamy River open areas check the hotline after 9 AM on Saturdays for any updates. Information is also posted at fishnh.com and on the NH Coastal Atlas at www4.des.state.nh.us/CoastalAtlas/Atlas.html.

Shellfish Maps Online

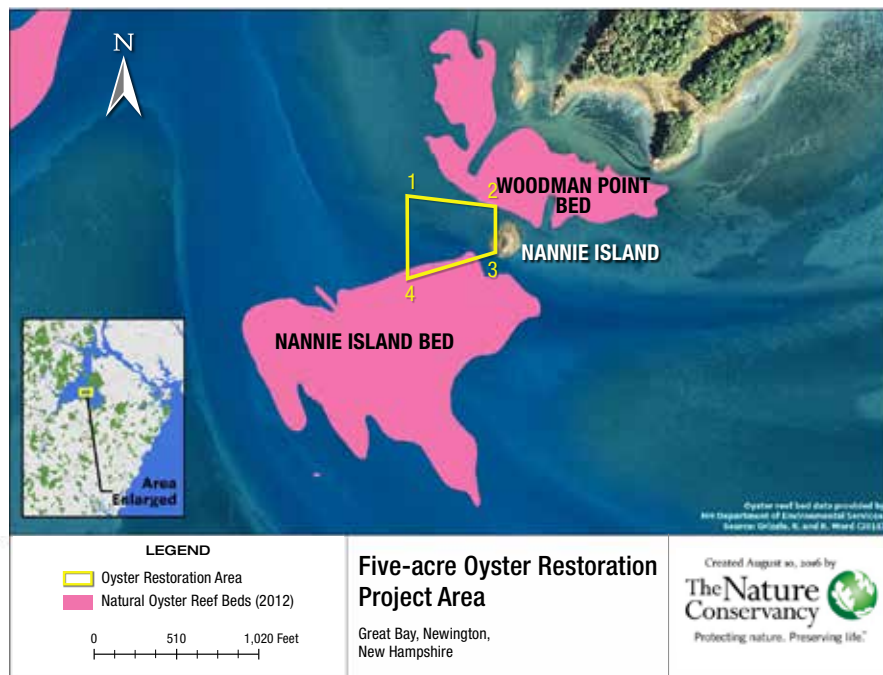
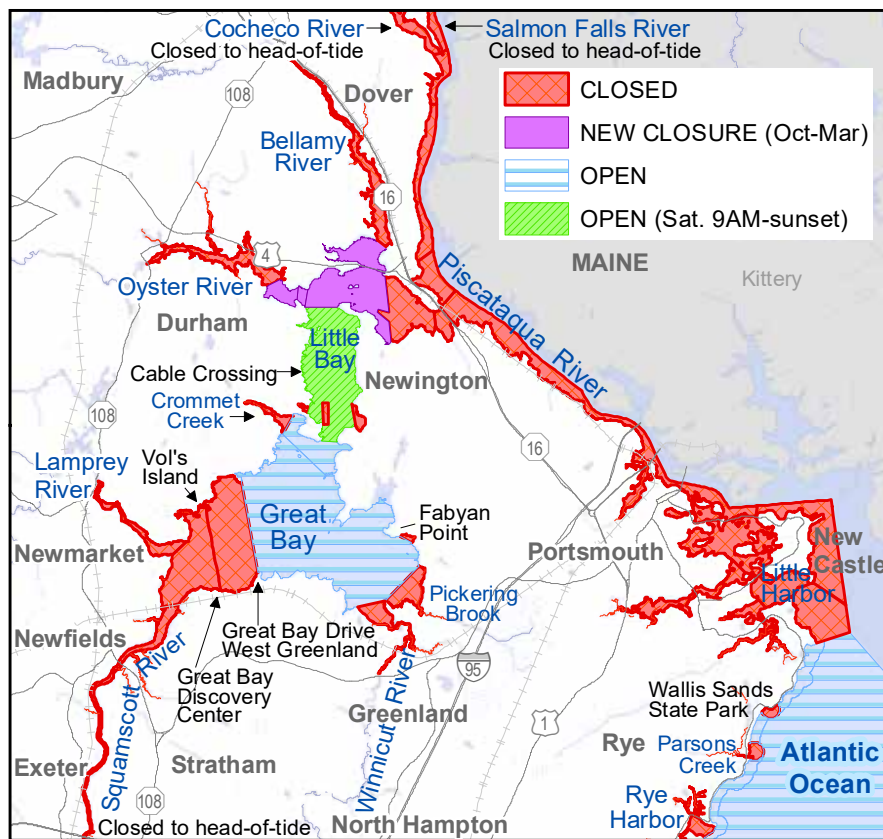
Shellfish harvesters have a great tool making it easier to find out what areas are open for harvest. You can now get updates on the status of the clam flats and other coastal areas, including red tide alerts, on your mobile phone or computer via an interactive website hosted by the N.H. Department of Environmental Services. Interactive maps show areas open for harvest. Use a personal computer to sign up for free text or email alerts at www4.des.state.nh.us/CoastalAtlas/Atlas.html. The information matches the weekly Clam Hotline message, but comes to you on the devices you use.

Did You Know?

Only New Hampshire residents are allowed to purchase licenses for the taking of clams and oysters.



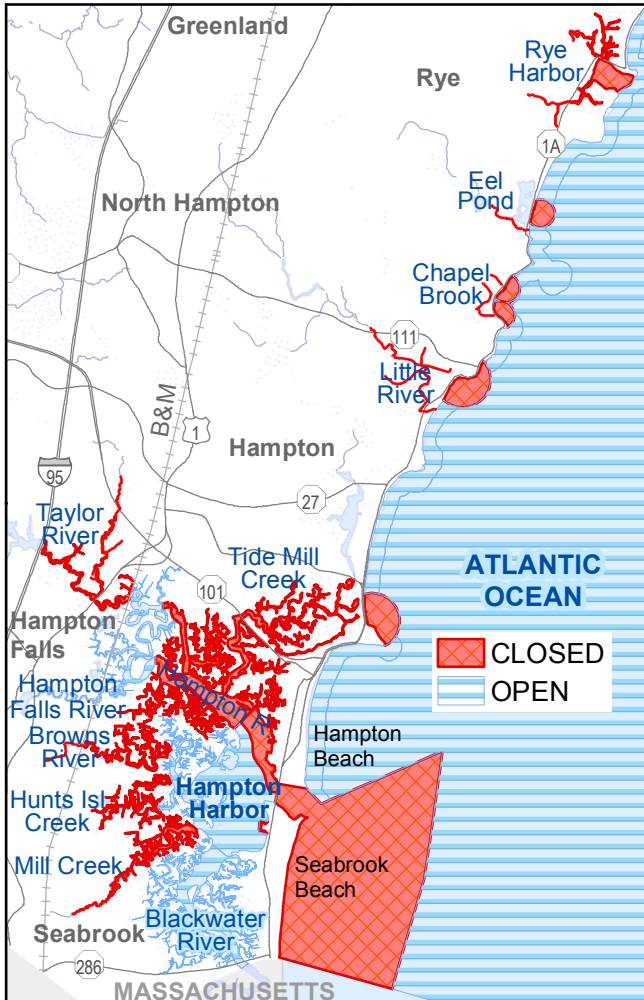
Great Bay Shellfish Open/Closed Areas



Oyster Reef Restoration Area

A five-acre area to the west of Nannie Island in Great Bay, shown on the map above, is closed to harvesting of clam, oyster and other bivalve mollusk for a five-year period that extends through 2021. The closed area is marked with orange buoys labeled "Oyster Restoration Site" on the four corners of the site. The existing Woodman Point and Nannies Island natural oyster reef beds identified on the map remain open to shellfish harvesters. For more information, go to www.wildnh.com/marine.

N.H. Coast Shellfish Open/Closed Areas



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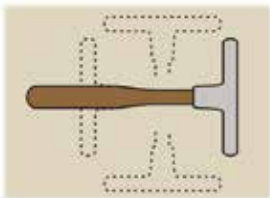
William Lyon 334-467-1830

Dave Lyon 334-412-3368

— Alabama's Black Belt —

Proper Clam Digging Techniques

1. Select and cut a manageable section of flat on four sides.



2. Try to judge the location and depth of most clams of suitable size. Work fork into the flat with gentle rocking motion, adjusting angle of fork to move between and under the clam burrows.



3. Turn the piece of flat completely over and place it in the resulting furrow. (Placing the piece to one side may needlessly cover an undug area with small clams vulnerable to smothering.)



4. Pick out the exposed clams that are of suitable size.



5. With fork tines straight downward, gently break up the section of flat to expose the remaining clams.



6. When all harvestable clams have been taken from the piece, simply leave it as it lies in the furrow. This protects the remaining clams from predators such as crabs and gulls. Clams not harvested will gradually return to an upright feeding position.



LOBSTER & CRAB

Lobster is one of the most important fisheries in New Hampshire's marine waters. The following is a summary of licensing requirements and fishing and gear regulations for the harvest of lobster and crab.

License

A license is required to take lobster and crab (see page 4). Federal license required to fish in waters seaward of state waters. The more restrictive measure applies when fishing more than one management area.

Legal Length

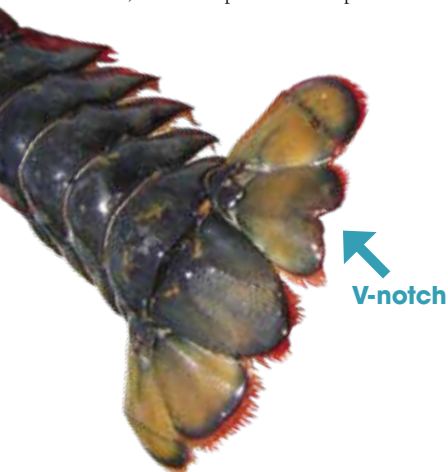
No lobster less than 3¼ inch carapace length, whether alive or dead, may be transported, bought, sold, given away, exposed for sale or possessed. No lobster greater than 5 inches carapace length may be possessed by any person holding a N.H. License to Take Lobsters (RSA 211:18).



How to Measure a Lobster

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 4¼ 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.



LOBSTER FISHING

Season	No closed season
Fishing Time	1 hour before sunrise to sunset
Minimum Size	3¼ inch carapace length
Maximum Size	5 inch carapace length
Tail Meat Length	4¼ inch (must be cooked)
V-notch	<ul style="list-style-type: none"> • Egg bearing females must be V-notched • V-notched lobsters are illegal to possess (zero tolerance)
Egg Bearing Females	Illegal to possess
Spawn	Illegal to possess
Federally permitted vessels—Non-Trap Limits	<ul style="list-style-type: none"> • 100 lobsters per day • Maximum of 500 lobsters per single trip 5 days or more • 100 lobsters for any fishing trip when the duration of the trip in number of hours cannot be documented by the Department

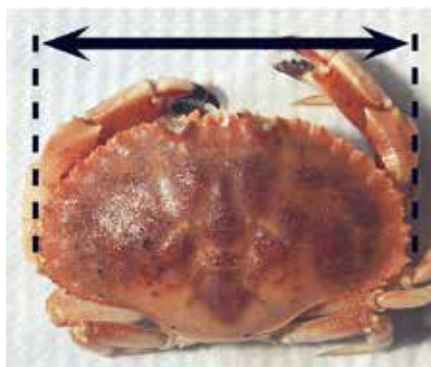
CRAB FISHING

License	License required to take more than 12 or by trap
Daily Limit for Residents without License	12 rock or Jonah crab*
Daily Limit with Recreational License	50 rock or Jonah crab*
Egg-bearing Females	Illegal to possess rock or Jonah crab*
Whole Crab Restriction	Only whole Jonah crabs can be retained or sold*
Commercial Minimum Size	4¼ inch carapace width for Jonah crabs*
Commercial Trip Limit (non-lobster trap gear)	1,000 crabs per trip for Jonah crabs*
Commercial Trip Limit (lobster trap gear)	No Trip Limit
Green Crabs	May be taken in any quantity by any legal method

*For Jonah vs. Atlantic rock crab identification, see page 26.

How to Measure a Crab:

The crab carapace width must be measured in a straight line through the widest part of the shell.



V-notched Lobster

Any female possessing a V-notched (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 (**zero tolerance**). All commercial and limited commercial lobster licensees shall immediately V-notch and return to the water, all egg-bearing female lobster captured in the process of taking lobster.

Spawn

No person can remove spawn from any female lobster or crab or take, serve, have in his possession, sell or offer for sale any female lobster carrying spawn or any lobster or crab spawn.

Female Lobster

No person can take, buy, sell, or possess any female lobster bearing eggs. Female egg-bearing lobster must be immediately returned alive to the waters from which taken. This does not apply to lobster spawning in holding cars or pounds if, upon discovery, they are liberated alive in the coastal waters (call Fish and Game Law Enforcement at (603) 271-3361 when discovered).

Did You Know?

- Lobster may not be taken by diving, angling, spearing or dipping.
- If you have a lobster license, you are required to report catch and effort information. For more information, call Marine Fisheries Division at 603-868-1095.

Lobster and Crab Trap Tags

Persons licensed to take lobster and/or crab by trap are required to purchase trap tags up to the maximum allowed by their license (1,200 for commercial; 600 for limited commercial if license held prior to January 1, 2006; 100 for part-time commercial harvesters; 5 for recreational). Additional trap tags are allowed for routine trap losses. Lobster trap tags are valid for one year (June 1 – 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. No more than 2 trap tags shall be affixed to traps. For more detailed information, contact Fish and Game's Region 3 office, (603) 868-1095.

Lobster and Crab Gear

Lobster and crab may only be taken by traps in state waters, with the exception that up to 12 crab may be taken by angling, diving, or by hand without a license. All trap and pot gear must be hauled at least once every 30 days.

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 1¹⁵/₁₆ inches by 5³/₄ inches, located next to the bottom edge;
2. Two circular vents at least 2⁷/₁₆ 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 1³/₄ inches on the top of the parlor section next to the middle bow or supporting frame and directly over the parlor head; or
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 two 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:
 - » Located in the parlor section on the sides or end;
 - » Hinged at the top of positively buoyant panels or at the bottom of negatively buoyant panels;

LOBSTER AND CRAB GEAR REQUIREMENTS

Volume	No more than 22,950 cubic inches
Escape Vent Size (in parlor section)	At least 1 ¹⁵ / ₁₆ inches x 5 ³ / ₄ inches or two circular vents at least 2 ⁷ / ₁₆ inches in diameter; see other options below
Escape Panels (in parlor section)	<ul style="list-style-type: none"> • Hinged at the top of positively buoyant or bottom of negatively buoyant panels • Tied with an untreated natural fiber not to exceed ³/₁₆ inches in diameter OR nonstainless, uncoated, ferrous metal wire not exceeding ³/₃₂ inches in diameter • Opening must be at least 3³/₄ inches by 3³/₄ inches when open or removed • See further details below
Runners or Sills	Must have at least 2 running the length of the bottom of the trap
Weak Links	600-pound breaking strength seaward of harbors (see Tide Table Pull-out Section-A)
Groundlines	Sinking if seaward of the harbors (see Tide Table Pull-out Section-A)
Vertical Lines	<ul style="list-style-type: none"> • Must not have any portion floating on the surface • Must be marked with a red color at least three times (top, middle, bottom) along the vertical line and each mark shall be 12 inches in length
Trap and Trap Tag Limits	<ul style="list-style-type: none"> • Depending on license type: recreational (5 traps), or commercial (100, 600, or 1200 traps) • Season runs June 1 – May 31 • New tags must be affixed by June 1

GEAR MARKING REQUIREMENTS

All Fixed Gear	<ul style="list-style-type: none"> • Permanently marked with the owner's name • Flags and pennants affixed to buoys marking a string of gear must be of uniform color
Pot or Trap Trawls	If 5 or more traps or pots, must be marked with buoys made of highly visible material set on both ends of the trawl
Lobster Buoy	Last name and initials, permanently marked (carved or branded); 2 buoys per 5 or more trap trawls
Lobster Trap	Last name and initials, permanently marked (carved or branded)
Lobster Car	Last name and initials; permanently marked (carved or branded)

- » Tied with an untreated natural fiber such as cotton, sisal, hemp or jute not exceeding ³/₁₆ inches in diameter before immersion in sea water, or a piece of non-stainless, uncoated ferrous metal wire not exceeding ³/₃₂ inches in diameter; and
- » Of sufficient size to create an opening of at least 3³/₄ inches x 3³/₄ inches when the panel is removed or opened.

Non-Rectangular Wire or Plastic Mesh Traps:

Must have at least two runners and an escape panel which will create an opening of 3³/₄ inches x 3³/₄ 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:

Every trap must have at least two runners and an escape panel. An escape panel can be created by one 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 3³/₄ inches x 3³/₄ 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 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

Each lobster or crab license holder has a color scheme or special markings indicated on their license. These must be used to mark all buoys. These colors must also be displayed on the boat, either by painting an area at least 1 square foot 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.

How to Order Trap Tags

- **Trap tags are not based on a calendar year. Trap tags are valid from June 1 – May 31.**
- The new year tags must be affixed to traps by June 1.
- **Trap tags can take up to 8 weeks to arrive after ordering.**
- No more than 2 trap tags shall be affixed to traps.
- Recreational tags are ordered through N.H. Fish and Game Licensing Office — (603) 271-3422.
- All commercial and federal trap tags must be ordered through the Department's selected vendor.
- Order forms are available on the N.H. Fish and Game website fishnh.com or from the Department's Region 3 office after February 15.
- New order forms are sent out to previous licensees in February each year.
- Any questions relating to trap tag orders must go through the Region 3 office (603) 868-1095 – **not the vendor.**

NORTHERN SHRIMP, OTHER INVERTEBRATES & MARINE PLANTS

Finfish and shellfish are not the only species that can be harvested from New Hampshire waters. The following are other species that can be harvested. Licenses may be required. See table below for details.

INVERTEBRATES/MARINE PLANTS					
SPECIES	LICENSE REQUIREMENT	SEASON	MINIMUM LENGTH	DAILY BAG LIMIT	GEAR REGULATIONS & SPECIAL RULES
Clamworms	Recreational: None	No closed season	None	1 quart/day	<ul style="list-style-type: none"> Residents only For personal use only Only handheld tools with handles not to exceed 18 inches
	Commercial: Commercial Saltwater License	No closed season	None	None	<ul style="list-style-type: none"> Only handheld tools with handles not to exceed 18 inches
Horseshoe Crab	Harvest Permit	No closed season	None	10/day (either taken or in possession)	<ul style="list-style-type: none"> Refer to Coastal Harvest Section (page 19) Reporting required
Sea Urchins	Personal use: None	By Hand or Pot: Oct. 1 – March 15	2 inches (longest diameter)	None	<ul style="list-style-type: none"> Sublegal sea urchins shall be culled immediately after capture and returned immediately to the sea
	Commercial: Commercial Saltwater License	By Hand or Pot: Oct. 1 – March 15 Sled: Dec. 15 – March 15	2 inches (longest diameter)	None	<ul style="list-style-type: none"> Sublegal sea urchins shall be culled immediately after capture and returned immediately to the sea Helpers working under the Commercial Saltwater License shall not take by diving No possession of other marine species including lobsters, finfish or shellfish if taken by sled Gear: Call Marine Fisheries Division for specific gear regulations — (603) 868-1095
Seaweeds	None	No closed season	None	3 bushels/day	<ul style="list-style-type: none"> Residents or summer residents only May be taken below the high water mark during daylight hours only Do not detach or injure the holdfasts of the seaweed when cutting 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
Northern Shrimp	Call Marine Fisheries Division for current rules — (603) 868-1095 or see Marine Fishing Rules Fis 607.01 at nh.gov				

Striped Bass Volunteer Angler Survey — Join Us!

Do you like to fish for striped bass in N.H.? Tell N.H. Fish and Game's Marine Division about your striped bass fishing — **and you could win a great prize!**

For the Striped Bass Volunteer Angler Survey, anglers are asked to provide information such as amount of time fished and length of fish caught. Completed trip logs may be sent by mail, or an electronic logbook can be filled out online at fishnh.com/surveys/striped-bass.html. Marine fisheries biologists use the results to assess the status of striped bass populations each year.

How do I get started? Contact the Marine Division at Reg3@wildlife.nh.gov or (603) 868-1095 to get your logbook by mail or e-mail. Submit your logs by November 1, for a chance to win a framed print of "Shadow" by Victor E. Young, donated by the Coastal Conservation Association of N.H. and a saltwater rod & reel donated by Kittery Trading Post. Thanks for your help!



Jonah vs. Atlantic Rock Crabs

Jonah crab
(*Cancer borealis*)



- Front edge of carapace is jagged with undefined "teeth" (Jonah = jagged)



- Local name "Jonah crab"
- Less aggressive when handled
- Larger than rock crabs (carapace width up to 7 inches)

Atlantic rock crab
(*Cancer irroratus*)



- Front edge of carapace has smooth defined "teeth"



- Local names include "sand crab" or "peekytoe"
- More aggressive when handled
- Smaller than Jonah crabs (carapace width up to 5 inches)

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FISH CONSUMPTION GUIDELINES

Is it Safe to Eat the Fish?

Some ocean fish and shellfish contain varying levels of pollutants like mercury, PCBs and dioxins. Because of this, the N.H. Department of Environmental Services recommends the following guidelines:

Best Choices:

Cod, flounder, haddock, herring, light tuna (canned), pollock, sole, salmon, tilapia, shellfish (oysters, shrimp, crab, clams, scallops, lobster) — Pregnant and nursing women, women who may become pregnant, and young children can safely eat **TWO** meals per week. For all others, no limit as part of a balanced diet.

Good Choices:

Halibut, red snapper, tuna steak, white tuna (canned) — Pregnant and nursing women, women who may become pregnant, and young children can safely eat **ONE** meal per week. For all others, no limit as part of a balanced diet.

Cautions:

Bluefish, Striped Bass

Pregnant and nursing women, women who may become pregnant, and young children should avoid consumption. For all others, eat no more than **ONE** meal per month.

King Mackerel, Swordfish, Shark, Tilefish

Pregnant and nursing women, women who may become pregnant, and young children should avoid consumption. For all others, limit to **TWO** meals per month.

Lobster Tomalley (green substance in lobster)

Everyone avoid consumption. All other parts of the lobster, 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 more freshwater and saltwater guidelines, contact:

N.H. Department of Environmental Services, Environmental Health Program
(603) 271-1370
fishnh.com/fishing/consume-sw.html



Wildlife & Sport Fish Restoration: 75 Years of Restoring, Managing and Researching Fish and Wildlife

Our thanks to hunters, shooters, anglers, boaters and our industry partners! With the purchase of firearms and ammunition, archery equipment, fishing equipment, and motorboat fuels, hunters, anglers and manufacturers pay excise taxes that are distributed to state fish and wildlife agencies for approved projects.

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BOATING IN N.H.

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. Kids 12 and under must wear a life preserver.
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 lives and help the injured. Call N.H. Marine Patrol: (603) 293-2037.
5. **Water and Alcohol Don't Mix** Sixty percent of recent boating fatalities in N.H. are alcohol-related. Don't drink and boat—the .08 law applies to boaters, too!
6. **Use Your Lights** All boats operating after sunset must display lights to be visible to other boaters.
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 litter or discharge sewage into the water.
9. **Don't Harass Wildlife** All wildlife are protected on the state's waters, subject to strict hunting and fishing regulations.
10. **Take a Boating Safety Course** For info call Boating Education at (603) 267-7256.



General Boating Information

**N.H. Department of Safety,
Marine Patrol Headquarters**
(603) 293-2037

Motor Restrictions

Division of Safety Services
(603) 293-2037 or
NH.gov/safety/divisions/nhsp/fob/marine-patrol/restricted.html

See "Restricted Bodies of Water"

Boating Safety Courses

- Classes offered year-round by N.H. Marine Patrol
- Many locations throughout the state.
- Open to any boater over 14 years of age.
- Online study materials: boat-ed.com/nh
- NASBLA approved.
- Satisfies requirements of mandatory boating education law.
- For class schedule, call N.H. Marine Patrol at 1-888-254-2125.
- Be smart — boat safe!



Diver There, Please Beware

N.H. State law requires boaters to stay at least 150 feet away from a red flag with a white stripe or other flags in the water. They signal that scuba divers are in the area.



Wildlife Heritage Foundation of New Hampshire

The official non-profit partner of the N.H. Fish and Game Department, the Wildlife Heritage Foundation raises money and works with wildlife professionals and conservation education partners to fund Fish and Game's conservation of wildlife and natural places. The foundation has supported a wide range of projects, including tracking and mapping of ovigerous female lobsters and monitoring river herring passage over the breached

Wadleigh Falls Dam on the Lamprey River. Funding for the foundation's grants program comes from individual and corporate donors and from the annual auction of fish and game permits and licenses. The foundation accepts general and targeted cash donations, as well as planned gifts and tangible assets; in most cases, contributions are tax-deductible.

To learn more about the foundation or make an online donation, visit nhwildlifeheritage.org or contact (603) 496-2778 or admin@nhwildlifeheritage.org. Thanks for your support!

It's the Law: Clean & Drain

To avoid the spread of aquatic invasives, N.H. State law requires boaters to drain their boat and other equipment that holds water, including live wells and bilges, when leaving a waterbody (including saltwater).

Share your love of fishing— Become a Volunteer "Let's Go Fishing" Instructor!

For more information on the "Let's Go Fishing" program, call (603) 271-3212.

*Aquatic Resources Education
N.H. Fish and Game Department*



HELP PROTECT NONGAME WILDLIFE

When you buy your license, consider adding a donation to N.H. Fish and Game's Nongame and Endangered Wildlife Program. Nongame research and monitoring projects include restoration of threatened and endangered terns to the Isles of Shoals.

Learn more at: wildnh.com/nongame

Photo © Don Hayward

WE FISH.

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ALL BECAUSE WE BUY A FISHING LICENSE.



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In fact, every dollar from a license purchase protects and maintains your local waterways for future generations to enjoy. Learn more at TakeMeFishing.org.



TAKEMEFISHING.org

A person is fishing on a boat, with the sun setting over the ocean in the background. The person's hands and a fishing rod are visible on the right side of the frame. The sky is a mix of purple and orange, and the water is dark with some whitecaps.

Big catch. **BIG SAVINGS**

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