

# Aquatic Nuisance Species

Introducing harmful, non-native organisms into New Hampshire's waters can lead to environmental damage and declines in the aesthetic and recreational appeal of our lakes, ponds, and rivers. As of Spring 2003, the law prohibits the transport and introduction of exotic aquatic plants in New Hampshire!

**Variable Milfoil** is a non-native plant that has taken over many bodies of water in New Hampshire. It interferes with boating, fishing, swimming, and the ecology of the body of water.



The plant is spread easily when boat propellers, fishing line, or other recreational gear cuts off pieces of the plant. These pieces then can travel to new parts of the body of water to root; or they can be trapped on boats and trailers, diving gear, and fishing equipment and moved to a new body of water. A single fragment of this plant can cause a new infestation. There are also other aquatic plants that can be as problematic, including hydrilla, Brazilian elodea, fanwort, Eurasian milfoil, and water chestnut.



**Zebra Mussels** are about the size of a human fingernail, or a pistachio nut, but cause hundreds of millions of dollars in damage across the U.S. They pose a serious threat to water supplies, industrial processing plants, marine engines, and recreation. Zebra mussels clog water intake pipes and can give bad odors to bodies of water. Their sharp shells also can cut the feet of swimmers.

## Here's what you can do to prevent the spread of aquatic nuisance species:

- ✓ Inspect your boat and trailer, removing all aquatic organisms (zebra mussels and any aquatic plants).
- ✓ Drain your motor, live well, and bilge on land before leaving the body of water.
- ✓ Empty bait buckets on land before leaving a body of water.
- ✓ Never release live bait into a body of water or release aquatic animals from one body of water into another.
- ✓ Rinse your boat, propeller, trailer, live well, and equipment; and hand-remove anything trapped between the boat and trailer.
- ✓ Air dry your boat and equipment for as long as possible—five days is optimal.
- ✓ Flush the engine's cooling system with hot water.
- ✓ Apply antifouling materials such as paint and films to boat hulls, trim tabs, water ports, transducers, and swimming platforms to discourage zebra mussel attachment.
- ✓ Avoid boating through dense beds of aquatic plants.
- ✓ Report any new suspicious plant growths to the NH DES at **603-271-2248**.

## What is New Hampshire doing to combat exotic aquatic plants?

The Lake Host Program was developed to prevent new infestations of exotic aquatic plants in New Hampshire's lakes and ponds. Volunteers conduct quick and friendly inspections of your boat, trailer, and other recreational gear for exotic plants that may have become attached.

Weed Watchers is another program made up of volunteers who patrol lakes and ponds monthly to inspect the water for new or suspicious growths of plants. Weed Watchers strive to detect these new growths before the plants become a problem.

For more information about exotic species or to become a Weed Watcher, call the NH DES at **603-271-2248** or visit <http://des.nh.gov/organization/divisions/water/wmb/exoticspecies/index.htm>

## Commonly Confused Look-Alike Aquatic Plants

Coontail (Native)

Waterweed (Native)

Bladderwort (Native)

Milfoil (Native)

Fanwort (EXOTIC)

Eurasian milfoil (EXOTIC)

Variable milfoil (EXOTIC)



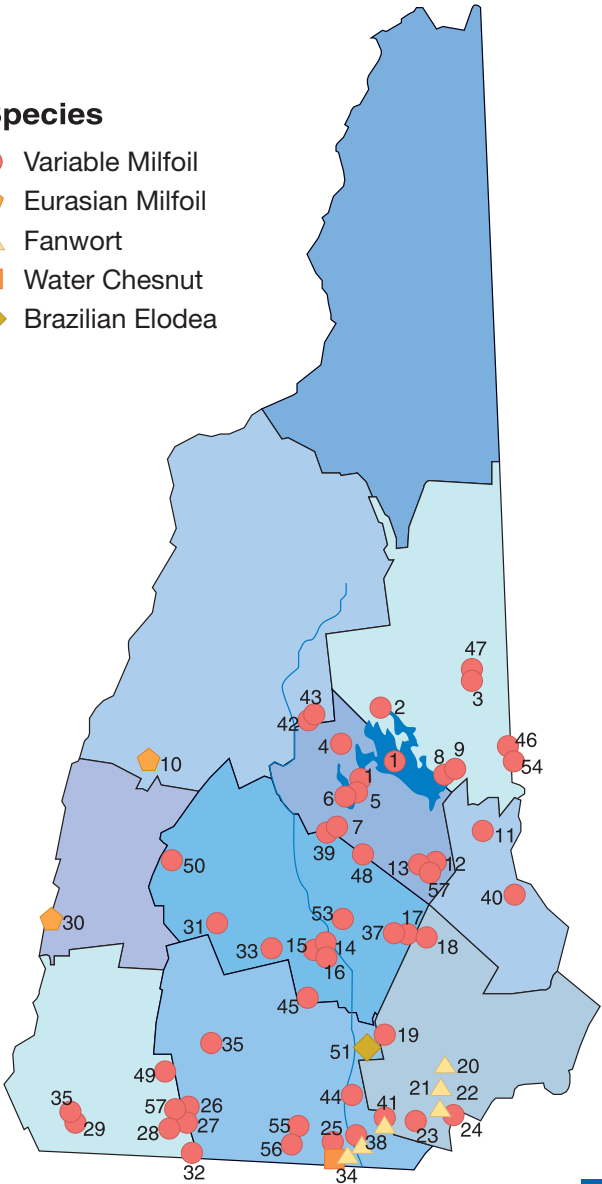
## Infested Bodies of Water in New Hampshire

1. Lake Winnepesaukee  
(Several Areas)
2. Lees Pond, Moultonboro
3. Lake Ossipee, Freedom
4. Lake Waukewan, Meredith
5. Opechee Bay, Laconia
6. Lake Winnisquam, Belmont/  
Meredith
7. Silver Lake, Tilton
8. Crescent Lake, Wolfeboro
9. Lake Wentworth, Wolfeboro
10. Lake Mascoma, Enfield
11. Sunrise Lake, Middleton
12. Locke Lake, Barnstead
13. Lower Suncook Lake, Barnstead
14. St. Paul's School Pond, Concord
15. Little Turkey Pond, Concord
16. Big Turkey Pond, Concord
17. Bixby Pond, Epsom
18. Northwood Lake, Northwood
19. Lake Massabesic, Auburn
20. Phillips Pond, Sandown
21. Big Island Pond, Derry
22. Arlington Mill Reservoir, North  
Salem
23. Cobbetts Pond, Windham
24. Captain Pond, Salem
25. Flints Pond, Hollis
26. Cheshire Pond, Jaffrey
27. Contoocook Lake, Jaffrey
28. Pearly Pond, Rindge
29. Forest Lake, Winchester
30. Connecticut River, Charlestown
31. Lake Massasecum, Bradford
32. Lake Monomonac, Rindge
33. Hopkinton Lake, Hopkinton
34. Nashua River, Nashua
35. Powder Mill Pond, Hancock
36. Ashuelot River, Winchester
37. Little Suncook River, Epsom/  
Northwood
38. Mine Falls Pond, Nashua
39. Winnepesaukee River, Tilton
40. Cochecho River, Rochester
41. Robinson Pond, Hudson
42. Squam River, Ashland
43. Little Squam Lake, Holderness/  
Ashland
44. Horseshoe Pond, Merrimack
45. Gorham Pond, Dunbarton
46. Belleau Lake, Wakefield
47. Danforth Pond, Freedom
48. Rock Pond, Gilmanton
49. Dublin Lake, Dublin
50. Lake Sunapee, Sunapee
51. Nutts Pond, Manchester
52. Contoocook River, Jaffrey
53. Turtle Pond, Concord
54. Balch Lake, Wakefield
55. Brindle Pond, Barnstead
56. Potanipo Lake, Brookline
57. Melendy Pond, Brookline
58. Jones Pond Dam, New Durham



## Species

- Variable Milfoil
- ◆ Eurasian Milfoil
- ▲ Fanwort
- Water Chesnut
- ◆ Brazilian Elodea



# New Hampshire Public Access Sites

All information provided on the next four pages is accurate to the best of our knowledge at the time of printing. Please report any discrepancies to the New Hampshire Department of Fish & Game at **603-271-2224**.

- ◆ All sites are operated by a state agency except those denoted with an asterisk (\*), which are operated by a municipality or private operator.
- ◆ Certain activities such as fishing, swimming, using motors, water-skiing, and using “ski craft” may be prohibited or regulated. Additional regulations may apply to operating watercraft on these bodies of water. Abide by all posted restrictions.
- ◆ Where the handicapped accessibility is rated with a letter, the following rating system is applied.
  - **A – Accessible:** This site meets with ADA standards and is usable without assistance by all but the most severely disabled.
  - **B – Partially Accessible:** This site is partially accessible and harbors an ADA-approved recreational amenity for the disabled; however, the entire site may not meet ADA standards.
  - **C – Usable:** This site presents a greater challenge for people with disabilities. A disabled user may require assistance when using this area.
  - **D – Difficult:** This site does not meet ADA standards; people with disabilities will require assistance when using this area.
  - **\*\* – Other restrictions**
- ◆ To obtain the current fishing regulations, call the NH Fish & Game Department at **603-271-3422**. For NH boating and fishing public access maps, call **603-271-2224** or visit [www.wildlife.state.nh.us](http://www.wildlife.state.nh.us).

Town	Site name		Body of Water		Acreage	Hours	Parking	Delorme Atlas page, coord	Directions
	Fees	Restroom	Handicap access	Other information					
Allenstown No	Ferry Street No	Merrimack River None	-	24 Hrs	Trailer	28,G2	Off Main St at end of Ferry Street Trout waters - some sections		
Alstead No	Warren Lake No	Warren Lake C	186	24 Hrs	Trailer	25,H12	Rt 123 to Boat Landing Rd to Lake No skicraft		
Barrington No	Swain Lake Seasonal	Swain Lake C	405	24 Hrs	Trailer	29,E12	Rt 9 to Young Rd 1.3 mi on L No skicraft		
Boscawen No	Merrimack River No	Merrimack River	-	24 Hrs	Trailer	35,K12	Rt 3 Trout waters - some sections; Salmon - fly fishing only		
Bristol No	Newfound Lake Yes	Newfound Lake Parking	4106	24 Hrs	Trailer	35,A9	Rt 3A to West Shore Rd to Wellington State Park 6 MPH in some parts **Other restrictions		
Cambridge No	Umbagog Lake Seasonal	Umbagog Lake C-Parking, restroom	4590	24 Hrs	Trailer	51,,12	Rt 16 to Rt 26 E		
Canaan No	Goose Pond Park Seasonal	Goose Pond	-	Daylight	Trailer	38,,2	Rt 4 to Canaan Rd to Randy Hill Rd to 2 mi to Goose Pond Rd No skicraft		
Center Ossipee No	Pine River Marina No	Ossipee Lake Parking	3092	24 Hrs	Trailer	41,H10	Rt 25 east off Rt 16 Headway speed in many areas, lake trout & salmon waters		
Charlestown No	Charlestown Boat Landing Yes	Connecticut River Picnicking	-	6am-9:30pm	Trailer	25,F8	Rt 12 Lower Landing Rd Headway speed within 150 ft from shore. **Other restrictions		
Chesterfield No	River Rd Access No	Connecticut River None	-	24 Hrs	Trailer	18,D6	W Chesterfield, N on Main St Headway speed within 150 ft from shore. **Other restrictions		
Claremont No	Connecticut River No	Connecticut River C	-	24 Hrs	Trailer	33,K9	Rt 12A @ sign Headway speed within 150 ft from shore. **Other restrictions		
Concord No	Contoocook River No	Contoocook River No	-	6am-8pm	Trailer	27,C13	River Rd to Island Rd Caution: varying current, keep craft under control		
Concord No	Everett Arena Boat Ramp Seasonal	Merrimack River No	-	24 Hrs	Trailer	28,E1	Loudon Rd @ Everett Arena Trout waters - some sections		
Concord No	Merrimack River No	Merrimack River Parking	-	24 Hrs	Trailer	28,D1	Rt 93 to Exit 16, W to W Portsmouth Trout waters - some sections		
Concord No	Merrimack River Yes	Merrimack River B-Parking, restroom	-	24 Hrs	Trailer	27,C14	Rt 3 to Sewalls Falls Rd Trout waters - some sections		

Town	Site name		Body of Water		Acreage	Hours	Parking	Delorme Atlas page, coord	Directions	Other information
	Restroom	Restroom	Handicap access	Handicap access						
Concord No	Yes	Merrimack River (Sewalls II)	Merrimack River A-Pier, parking, restroom	restroom	-	24 Hrs	Trailer	27,C14	Rt 3 to Sewalls Falls Rd to Second St Trout waters - some sections	
Cornish No	No	Connecticut River	Connecticut River C		-	24 Hrs	Trailer	33,F9	Rt 12 A to Townhouse Rd 4.9 mi to Rt 12A Headway speed within 150 ft from shore. **Other restrictions	
Danbury No	No	Waukeena Lake	Waukeena Lake None		53	24 Hrs	Trailer	34,E7	Rt 4 to Turnpike Rd to Waukeena Lake Rd No petroleum powered motors, lake trout & salmon waters	
Dover No	Seasonal	Hilton Park	Piscataqua River Parking, pier		-	24 Hrs	Trailer	30,H3	Spaulding Tpk exit 5 - Dover Point Trout waters - some sections	
Dummer No	Seasonal	Androscoggin River	Androscoggin River C		-	24 Hrs	Trailer	49,A8	Rt 16 Trout waters - some sections	
Dummer No	Yes	Pontook Recreational Facility	Androscoggin River Restroom		-	Daylight	Trailer	50,K7	Rt 16 Trout waters - some sections	
Durham No	No	Adams Point	Great Bay B-Parking		-	24 Hrs	Trailer	30,H2	Rt 108 to Bay St to Adams Point	
Enfield No	No	Crystal Lake	Crystal Lake C		365	24 Hrs	Trailer	34,B2	Rt 4 to Shaker Hill Rd to Crystal Lake Rd onto Algonquin Rd	
Erol No	Seasonal	Androscoggin River	Androscoggin River C		-	24 Hrs	Trailer	51,F10	Rt 26 to N Mountain Rd Trout waters - some sections	
Franklin No	No	Franklin High - Lower Field	Winnepesaukee River Parking, pier		-	24 Hrs	Trailer	60,C4	Rt 3 Trout waters - some sections	
Franklin No	Yes	Legace Beach	Webster Lake None		612	8am-7pm	Trailer	35,G11	Rt 11 @ beach	
Franklin No	No	Pemigewasset River (Polyclad)	Pemigewasset River None		-	24 Hrs	Trailer	60,B3	Rt 3/11 to Tannery St **Speed limit restrictions in some areas	
Gilford No	Yes	Saltmarsh Pond	Saltmarsh Pond B-Restroom		31	24 Hrs	Trailer	36,E3	Rt 11A to Saltmarsh Pond Rd, 1.2 mi on R No motors, trout waters	
Gilmanton No	No	Crystal Lake	Crystal Lake C		441	24 Hrs	Trailer	36,H6	Rt 140 to Crystal Lake Rd, .9 mi R, by ballpark	
Gilmanton No	No	Manning Lake	Manning Lake C		202	24 Hrs	Trailer	36,F5	Rt 140 to Crystal Lake Rd, 3.2 mi R, by white camps	

Town	Site name	Body of Water		Acreage	Hours	Parking	Delorme Atlas page, coord	Directions
		Restroom	Handicap access					
Hampton Yes	Hampton Marina Yes	Atlantic Ocean Restroom, dock		-	24 Hrs	Trailer	31,J10	Rt 1A S Other information
Hanover Yes	Fullington Boat Landing Seasonal	Connecticut River None		-	24 Hrs	Trailer	32,H3	Rt 10 N of Hanover Headway speed within 150 ft from shore. **Other restrictions
Haverhill No	Bedell Bridge Seasonal	Connecticut River Parking		-	24 Hrs	Trailer	42,I2	Rt 10 Headway speed within 150 ft from shore. **Other restrictions
Holderness No	Squam Channel Seasonal	Squam Lake None		6765	24 Hrs	Trailer	39,I14	Rt 113 No skicraft **Speed restrictions
Holderness No	Squam Lake Yes	Squam Lake Parking, restroom		6765	24 Hrs	Trailer	39,I14	Rt 3 No skicraft **Speed restrictions
Hooksett No	Lambert Park Seasonal	Merrimack River A-Parking		-	24 Hrs	Trailer	62,H2	Merrimack St Speeds no greater than headway speed
Lancaster No	Lancaster Kwik Stop Yes	Connecticut River Restroom		-	5am-11pm	Trailer	47,E13	Rt 2 @ NH/VT border Headway speed within 150 ft from shore. **Other restrictions
Lebanon No	Mascoma Lake No	Mascoma Lake None		1115	Daylight	Trailer	34,A1	Rt 4A at dam No skicraft on Saturdays or Sundays
Littleton No	Dodge Hill Boat Launch Yes	Moore Reservoir Yes		3490	6am-9:30pm	Trailer	47,J8	Old Waterford Rd
Littleton No	Moore Dam Visitor Center Yes	Moore Reservoir Yes		3490	6am-9:30pm	Trailer	47,J7	Rt 135
Littleton No	N Littleton Boat Launch Yes	Moore Reservoir Yes		3490	6am-9:30pm	Trailer	47,I8	Rt 135 to River Rd
Meredith No	Lake Waukewan No	Lake Waukewan Dock, pier, picnic		913	24 Hrs	Trailer	36,A1	Rt 3 to Wall St .4 mi No skicraft
Meredith No	Lake Wicwas No	Lake Wicwas Ramp		328	24 Hrs	Trailer	35,B14	Meredith Center Rd to Chemung Rd No skicraft
Meredith Yes	Lake Winnepesaukee town docks Yes	Lake Winnepesaukee Restroom, dock, pier		45000	24 Hrs	Trailer	36,A2	Rts 3 & 25 **Other restrictions
Meredith No	Lake Winnepesaukee-Shep Brown's Lake Yes	Lake Winnepesaukee Restroom, dock, picnic		45000	24 Hrs	Trailer	36,A3	Meredith Neck Rd to Lovejoy Sands Rd **Other restrictions

Town	Site name	Body of Water	Acreage	Parking	Delorme Atlas page, coord	Directions
Fees	Restroom	Handicap access	Hours			Other information
New Durham No	Merrymeeting Lake Seasonal	Merrymeeting Lake C	1111 24 Hrs	Trailer	37,G9	Rt 11 to Depot Rd to Main St to Merrymeeting Lake Rd 3.8 on R No skicraft in Ely Cove, lake trout & salmon waters
New Hampton No	Pemigewasset Lake No	Pemigewasset Lake Pier, parking	241 24 Hrs	Trailer	35,A3	Rt 104 Carry down launch area only; No skicraft
New London No	Little Sunapee Seasonal	Little Sunapee None	- 24 Hrs	Trailer	34,H3	Rt 89 exit 12 Rt 11 No skicraft
Newbury Yes	Sunapee State Beach Yes	Lake Sunapee Restroom	4090 9:30-8-mid-May-Labor Day Daylight-Labor Day-mid-May	Trailer	34,K3	Sunapee State Beach off Rt 103 traffic circle Shallow channel through break waters **Other restrictions
Nottingham No	Pawtuckaway Lake Yes	Pawtuckaway Lake Parking	900 24 Hrs	Trailer	29,H10	Rt 156 to Deerfield .2 on L 6 MPH in Bay of Fundy
Pittsburg No	First Connecticut Lake Yes	First Connecticut Lake Yes	2807 6am-9:30pm	Trailer	52,F6	Rt 3 by dam Lake trout and salmon waters
Pittsburg Seas	Lake Francis State Park Seasonal	Lake Francis None	2082 24 Hrs	Trailer	52,H6	Rt 3 N to River Rd (2 miles) No skicraft, lake trout & salmon waters
Pittsburg No	Route 3 Access Seasonal	Lake Francis None	2082 24 Hrs	Trailer	52,H4	Rt 3 No skicraft, lake trout & salmon waters
Pittsburg No	Second Connecticut Lake Yes	Second Connecticut Lake None	1286 6am-9:30pm	Trailer	53,D9	off of Rt 3 Lake trout and salmon waters
Portsmouth Yes	Pierce Island/Prescott Park Yes	Piscataquog River Restroom	- Variable	Trailer	76,D6	Border of NH/ME Rt 1 Trout waters - some sections
Rye Yes	Rye Harbor Marina Yes	Atlantic Ocean Restroom, dock	- 24 Hrs	Trailer	31,G12	Rt 1A
Sunapee No	Sunapee Harbor Yes	Lake Sunapee Restroom	4090 24 Hrs	Offsite	79,B13	Rt 11 E on Main St from blinking light No wake area **Other restrictions
Wearse Yes	Lake Horace Yes	Lake Horace None	323	Trailer	27,H9	Rt 114 to Page Hill Rd to Reservoir Dr

# Vessel Pump-Outs and Dump Stations

## Inland Stations

### Lake Winnepesaukee

Lakeport Landing - Laconia  
Paugus Bay Marina - Laconia  
Irwin Marine - Laconia  
Channel Marine - Laconia  
Weirs Beach/Anchor Marine - Weirs Beach  
Meredith Bay Marina - Meredith  
Meredith Town Docks - Meredith  
Shep Brown's Boat Basin - Meredith  
Goodhue & Hawkins Navy Yard - Wolfeboro  
Wolfeboro Corinthian Yacht Club - Wolfeboro  
Robert's Cove Marina - Alton  
West Alton Marina - West Alton  
Fay's Boat Yard - Gilford  
Mountainview Yacht Club - Gilford  
Silver Sands Marina - Gilford

### Private Pump-Out Stations (members only)

Gilford Yacht Club - Gilford  
Glendale Yacht Club - Gilford  
Southdown Boat Club - Laconia  
Spinnaker Cove Yacht Club - Laconia  
Quayside Yacht Club - Moultonborough

### Lake Winnisquam

Winnisquam Marine - Belmont

### Lake Sunapee

#### Dump Station

Sunapee Harbor - Sunapee

## Coastal Stations

Rye Harbor Marina - Rye  
Hampton River Marina - Hampton  
Great Bay Marina - Newington  
Wentworth By the Sea - Newcastle  
George's Marina - Dover  
Little Bay Marina - Dover

# Overnight Anchoring & Mooring Permits

## Overnight Anchoring

- ◆ It is against the law to anchor your boat overnight on any inland surface waters of the State of New Hampshire. Overnight is defined as “the period of time between the termination of daylight in the evening to the earliest dawn of the next morning.”
- ◆ A houseboat defined as “ship, boat, raft, float, catamaran, or marine craft of any description which has sleeping and toilet facilities, regardless of whether such facilities are of a permanent or temporary nature.” Occupied or unoccupied houseboats may be beached or grounded, or tied to the shore of any of the inland surface waters of the state for an overnight period, or any part of an overnight period, only when on or at a location owned, leased, or permitted by the owner. Also, the owner, lessee, or person with permission of the owner must give written notice of this fact promptly to the New Hampshire Department of Environmental Services.



## Mooring Permits

Some New Hampshire waters require a shorefront

property owner to obtain a mooring permit before placing a mooring in the waters.

- ◆ Mooring permits are required on Bow Lake, Newfound Lake, Ossipee Lake, Squam Lake, Sunapee Lake, Lake Winnepesaukee, and Winnisquam Lake.
- ◆ For more information, or to request a permit application, call the Mooring Program at **603-267-6453**.

# Rafting in New Hampshire

Raft is defined as “any group of two or more boats which are stationary upon the waters of a lake or pond and which are congregated together, whether anchored, secured to one another, or adrift, provided that at least one of the boats in the group is occupied.” Rafting is “forming or being a member of a raft.”

- ◆ There are designated locations where, and times during which, the size of rafts is limited and a minimum distance is required between boats and rafts.
- ◆ Currently, there are rafting restrictions in certain locations on Lake Winnepesaukee, Lake Sunapee, and Ossipee Lake.
- ◆ No one in a prohibited location or at a prohibited time may:
  - Form or allow a boat, which you are operating or in charge of, to join a raft consisting of three or more boats.
  - Form or allow a boat, which you are operating or in charge of, to join a raft if any part of such raft is less than 50 feet from any other raft *or* less than 50 feet from any occupied single boat that is stationary on the waters of the same lake or pond.
  - Anchor a single boat and cause it to remain stationary on the waters of a lake or pond, other than momentarily, if any part of such boat is less than 50 feet away from any raft *or* less than 25 feet away from any other single boat which is stationary on the waters of such lake or pond.
- ◆ Exceptions to the rafting restrictions are:
  - Boats anchored or moored at marinas, yacht clubs, or private docks with the owner’s permission
  - Boats involved in or attending a fireworks display, marine events, or other designated public events
  - Boats on any body of water of less than 400 acres or on any estuary or tidal waters of the state
- ◆ Check with New Hampshire Marine Patrol at **603-293-2037** if you would like more information about rafting restrictions or information on other exemptions.



# Sunrise and Sunset

## Concord, New Hampshire - Eastern Standard Time



DAY	JAN 10		FEB 10		MAR 10		APR 10		MAY 10		JUN 10		JULY 10		AUG 10		SEP 10		OCT 10		NOV 10		DEC 10	
	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET	RISE	SET
01	7:18	4:21	7:02	4:58	6:22	5:35	5:28	6:13	4:40	6:48	4:09	7:19	4:10	7:30	4:36	7:08	5:10	6:21	5:43	5:27	6:21	4:38	6:58	4:12
02	7:18	4:22	7:01	5:00	6:21	5:36	5:26	6:14	4:38	6:49	4:09	7:20	4:11	7:30	4:37	7:07	5:11	6:19	5:45	5:26	6:22	4:37	6:59	4:12
03	7:18	4:23	7:00	5:01	6:19	5:38	5:25	6:15	4:37	6:50	4:08	7:21	4:11	7:29	4:39	7:05	5:12	6:18	5:46	5:24	6:24	4:35	7:00	4:11
04	7:18	4:24	6:58	5:02	6:17	5:39	5:23	6:16	4:36	6:51	4:08	7:22	4:12	7:29	4:40	7:04	5:14	6:16	5:47	5:22	6:25	4:34	7:01	4:11
05	7:18	4:25	6:57	5:04	6:16	5:40	5:21	6:17	4:34	6:52	4:07	7:22	4:12	7:29	4:41	7:03	5:15	6:14	5:48	5:20	6:26	4:33	7:02	4:11
06	7:18	4:26	6:56	5:05	6:14	5:41	5:19	6:18	4:33	6:53	4:07	7:23	4:13	7:29	4:42	7:02	5:16	6:12	5:49	5:19	6:27	4:32	7:03	4:11
07	7:18	4:27	6:55	5:06	6:12	5:43	5:18	6:20	4:32	6:54	4:07	7:24	4:14	7:28	4:43	7:00	5:17	6:11	5:50	5:17	6:29	4:30	7:04	4:11
08	7:18	4:28	6:54	5:08	6:11	5:44	5:16	6:21	4:30	6:56	4:06	7:24	4:14	7:28	4:44	6:59	5:18	6:09	5:52	5:15	6:30	4:29	7:05	4:11
09	7:18	4:29	6:52	5:09	6:09	5:45	5:14	6:22	4:29	6:57	4:06	7:25	4:15	7:27	4:45	6:58	5:19	6:07	5:53	5:13	6:31	4:28	7:06	4:11
10	7:17	4:30	6:51	5:10	6:07	5:46	5:13	6:23	4:28	6:58	4:06	7:25	4:16	7:27	4:46	6:56	5:20	6:05	5:54	5:12	6:33	4:27	7:07	4:11
11	7:17	4:32	6:50	5:12	6:05	5:48	5:11	6:24	4:27	6:59	4:06	7:26	4:17	7:26	4:47	6:55	5:21	6:03	5:55	5:10	6:34	4:26	7:08	4:11
12	7:17	4:33	6:48	5:13	6:04	5:49	5:09	6:25	4:26	7:00	4:06	7:26	4:17	7:26	4:48	6:53	5:22	6:02	5:56	5:08	6:35	4:25	7:09	4:11
13	7:16	4:34	6:47	5:14	6:02	5:50	5:07	6:27	4:25	7:01	4:06	7:27	4:18	7:25	4:49	6:52	5:23	6:00	5:57	5:07	6:37	4:24	7:10	4:11
14	7:16	4:35	6:46	5:16	6:00	5:51	5:06	6:28	4:23	7:02	4:06	7:27	4:19	7:25	4:51	6:50	5:25	5:58	5:59	5:05	6:38	4:23	7:10	4:11
15	7:15	4:36	6:44	5:17	5:58	5:52	5:04	6:29	4:22	7:03	4:06	7:28	4:20	7:24	4:52	6:49	5:26	5:56	6:00	5:03	6:39	4:22	7:11	4:11
16	7:15	4:38	6:43	5:18	5:57	5:54	5:03	6:30	4:21	7:04	4:06	7:28	4:21	7:23	4:53	6:47	5:27	5:54	6:01	5:02	6:40	4:21	7:12	4:12
17	7:14	4:39	6:41	5:20	5:55	5:55	5:01	6:31	4:20	7:05	4:06	7:29	4:22	7:23	4:54	6:46	5:28	5:53	6:02	5:00	6:42	4:20	7:13	4:12
18	7:14	4:40	6:40	5:21	5:53	5:56	4:59	6:32	4:19	7:06	4:06	7:29	4:23	7:22	4:55	6:44	5:29	5:51	6:04	4:58	6:43	4:19	7:13	4:12
19	7:13	4:41	6:38	5:22	5:51	5:57	4:58	6:34	4:18	7:07	4:06	7:29	4:23	7:21	4:56	6:43	5:30	5:49	6:05	4:57	6:44	4:19	7:14	4:13
20	7:12	4:43	6:37	5:24	5:50	5:58	4:56	6:35	4:18	7:08	4:06	7:29	4:24	7:20	4:57	6:41	5:31	5:47	6:06	4:55	6:45	4:18	7:14	4:13
21	7:12	4:44	6:35	5:25	5:48	6:00	4:55	6:36	4:17	7:09	4:06	7:30	4:25	7:19	4:58	6:40	5:32	5:45	6:07	4:54	6:47	4:17	7:15	4:14
22	7:11	4:45	6:34	5:26	5:46	6:01	4:53	6:37	4:16	7:10	4:07	7:30	4:26	7:18	4:59	6:38	5:33	5:44	6:08	4:52	6:48	4:16	7:15	4:14
23	7:10	4:46	6:32	5:28	5:44	6:02	4:51	6:38	4:15	7:11	4:07	7:30	4:27	7:17	5:00	6:36	5:34	5:42	6:10	4:51	6:49	4:16	7:16	4:15
24	7:09	4:48	6:31	5:29	5:42	6:03	4:50	6:39	4:14	7:12	4:07	7:30	4:28	7:17	5:01	6:35	5:36	5:40	6:11	4:49	6:50	4:15	7:16	4:15
25	7:09	4:49	6:29	5:30	5:41	6:04	4:48	6:41	4:13	7:13	4:07	7:30	4:29	7:16	5:03	6:33	5:37	5:38	6:12	4:48	6:51	4:15	7:17	4:16
26	7:08	4:50	6:27	5:31	5:39	6:06	4:47	6:42	4:13	7:14	4:08	7:30	4:30	7:15	5:04	6:31	5:38	5:36	6:13	4:46	6:53	4:14	7:17	4:17
27	7:07	4:52	6:26	5:33	5:37	6:07	4:45	6:43	4:12	7:15	4:08	7:30	4:31	7:14	5:05	6:30	5:39	5:35	6:15	4:45	6:54	4:14	7:17	4:17
28	7:06	4:53	6:24	5:34	5:35	6:08	4:44	6:44	4:11	7:16	4:09	7:30	4:32	7:12	5:06	6:28	5:40	5:33	6:16	4:43	6:55	4:13	7:18	4:18
29	7:05	4:54		5:34	6:09	4:42	6:45	4:11	7:17	4:09	7:30	4:33	7:11	5:07	6:26	6:42	5:41	5:31	6:17	4:42	6:56	4:13	7:18	4:19
30	7:04	4:56		5:32	6:10	4:41	6:46	4:10	7:18	4:10	7:30	4:34	7:10	5:08	6:25	6:42	5:42	5:29	6:18	4:41	6:57	4:12	7:18	4:20
31	7:03	4:57		5:30	6:11		4:10	7:19		4:10	7:19	4:35	7:09	5:09	6:23		6:20	4:39						4:20

Source: U.S. Naval Observatory, <http://aa.usno.navy.mil>

Add one hour for daylight savings time, if and when in use.



# Required Equipment Checklist

	Ski Craft*	Canoe, Kayak, or Rowboat	Vessel Under 16 Ft.	Vessel 16 Ft. or Longer
Safe Boater Education Certificate On Board	✓ <sup>1</sup>		✓ <sup>1</sup>	✓ <sup>1</sup>
Certificate of Registration On Board	✓		✓	✓
Validation Decals Displayed	✓		✓	✓
PFDs: Type I, II, III, or V	✓ <sup>2</sup>	✓ <sup>2</sup>	✓ <sup>2</sup>	✓ <sup>2</sup>
PFD: Type IV				✓
Type B-I Fire Extinguisher	✓		✓	✓
Ignition Safety Switch	✓			
Backfire Flame Arrestor	✓		✓ <sup>3</sup>	✓ <sup>3</sup>
Ventilation System	✓		✓	✓
Muffler	✓		✓	✓
Horn, Whistle, or Bell	✓		✓	✓
Daytime Visual Distress Signals				✓ <sup>4</sup>
Nighttime Visual Distress Signals	5		✓ <sup>4</sup>	✓ <sup>4</sup>
Navigation Lights	5	✓ <sup>6</sup>	✓	✓

\* Vessel less than 13 feet in length that is capable of exceeding 20 miles per hour and has the capacity to carry no more than an operator and one other person.

1. Applicable to vessels powered by more than 25 horsepower. See page 26 for more information.
2. The operator of a “ski craft” must *wear* a PFD (life jacket) at all times. Children 12 years of age and younger must *wear* a life jacket at all times while underway on a vessel, unless the vessel is completely enclosed by railings at least three feet high. See page 28.
3. Required on inboard engines and inboard/outboard engines.
4. Required when boating on federally controlled waters.
5. Certain items are not applicable to “ski craft” because they are not allowed to operate between sunset and sunrise.
6. Requires only an all-round white light.



# DEPARTMENT OF SAFETY MARINE PATROL

## HEADQUARTERS

31 Dock Road  
Gilford, NH 03249

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Telephone ..... 603-293-2037  
Toll Free..... 1-877-642-9700  
Website ..... [www.nhmarinepatrol.com](http://www.nhmarinepatrol.com)

## OTHER USEFUL CONTACTS

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Emergency ..... 911  
Safe Boating Education ..... 603-267-7256 Monday - Friday  
1-888-254-2125  
[www.nhboatingeducation.com](http://www.nhboatingeducation.com)  
Mooring Permits ..... 603-267-6453 Monday - Friday  
Boat Registration..... 603-271-2333 Monday - Friday  
U.S. Coast Guard Auxiliary ..... [www.cgaux.org](http://www.cgaux.org)  
U.S. Power Squadrons..... 1-888-367-8777