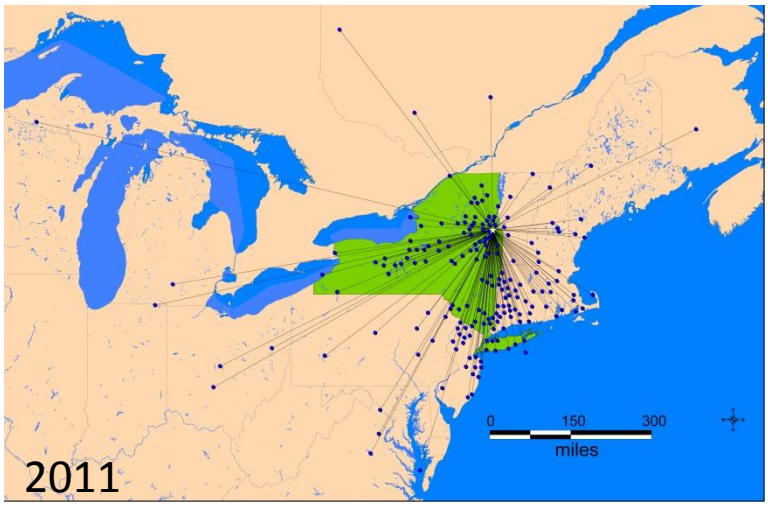
Lake George Lake Steward Program:

An invasive species education & spread prevention program on Lake George



In 2011, the Lake George Lake Steward Program interacted with 8,593 boats at boat launches on Lake George. Boaters reported having come from 193 unique waterbodies in 15 different states within 2 weeks prior to arriving at Lake George.

Data collected from 2008-2011 indicates that boats have come from over 300 different waterbodies across the region to Lake George. 121 waterbodies in New York and 197 waterbodies in other states.

The following invasive species have been identified in 1 or more New York waterbodies that boats have come from.

Key	Common Name	Scientific Name
EWM	Eurasian watermilfoil	*Myriophyllum spicatum*
VLM	Variable leaf milfoil, two-leaf milfoil	*Myriophyllum heterophylum*
CLP	Curly-leaf pondweed	*Potamogeton crispus*
WC	Water Chestnut	*Trapa natans*
HV	Hydrilla, Water Thyme	*Hydrilla verticillata*
BE	Brazilian elodea, Brazilian waterweed	*Egeria densa*
FW	Fanwort	*Cabomba caroliniana*
BN	Brittle naiad, brittle waternymph, European naiad, slender naiad	*Najas Minor*
SBW	Swollen bladderwort	*Utricularia inflata*
FB	European Frog Bit	*Hydrocharis morsus-ranae*
YFH	Yellow Floating Heart	*Nymphoides peltata*
SS	Starry Stonewort	*Nitellopsis obtusa*
ZM	Zebra mussels	*Dreissenia polymorpha*
QM	Quagga mussels	*Dreissena bugensis*
AC	Asian clam	*Corbicula Fluminea*
AW	Alewife	*Alosa pseudoharengus*
ER	European Rudd	*Scardinius erythrophthalmus*
SWF	Spiny Water Flea	*Bythotrephes longimanus*
VHS	Viral Hemorrhagic Septicemia	*Viral hemorrhagic septicemia virus*

Summary of Program Findings

year	boats inspected	invasives removed	%	at risk boats*	%
2008	2,984	61	2.04%		
2009	3,886	75	1.93%	553	14%
2010	2,538	53	2.09%	414	31%
2011	8,593	87	1.01%	863	16.5%
Total	**18,001**	**276**		**1,830**	
Avg			**1.77%**		**20.5%**

** at risk boats defined as having been in a body of water other than LG within past 2 weeks*

Most Common Bodies of Water Visited within 2 Weeks Prior to Launching in Lake George

From 2008-2011 Lake George Lake Steward Program Data

	Number of Boats				
Waterbody	2008	2009	2010	2011	Total
Hudson River (NY)	89	65	33	100	**287**
Lake Champlain	51	62	65	97	**275**
Saratoga Lake (NY)	47	38	28	69	**182**
Lake Hopatcong (NJ)	54	20	19	55	**148**
Atlantic Ocean	52	12	18	34	**116**
Schroon Lake (NY)	24	17	23	47	**111**
Long Island Sound (NY)	22	17	13	48	**100**
Candlewood Lake (CT)	22	13	4	33	**72**
Connecticut River (CT)	23	11	8	27	**69**
Greenwood Lake (NY/NJ)	22	11	14	20	**67**
Sacandaga Lake (NY)	25	4	9	18	**56**
Brant Lake (NY)	5	8	7	26	**46**
Lake Wallenpaupack (PA)	15	2	5	21	**43**
Delaware River	13	11	2	7	**33**
St. Lawrence River	5	4	12	6	**27**
Great Sacandaga Lake (NY)	0	20	0	2	**22**
Lake Dunmore (VT)	4	3	9	5	**21**
Swinging Bridge Lake (NY)	4	10	1	6	**21**

Red: 40 or more known AIS Orange: 1 or more known AIS Green: No known AIS Blue: NA (salt water)

Funding for the Lake George Lake Steward Program has been provided by many different sources over the years including: The Lake George Association through the Helen V. Froehlich Foundation, NYS DOS under Title 11 of the EPF, The Lake Champlain Basin Program , Bolton Local Development Corporation, Town of Hague, Lake George Park Commission.

NY Waterbody AIS List for Lake George Spread Prevention Efforts

Working Document Version: March 21, 2012.

	Waterbody Name	Infested	No AIS known	No info avail.	EWM	VLM	CLP	WC	HV	BE	FW	BN	SBW	FB	YFH	SS	ZM	QM	AC	AW	ER	WP	SH	SWF	VHS
1	Alleghney Reservoir (NY)	**1**			1																			1	
2	Ballston Lake (NY)	**1**			1			1									1								
3	Black Lake (St. Lawrence Co,NY)	**1**			1		1										1								
4	Blue Lake (NY)		**1**																						
5	Blue Mountain Lake (NY)		**1**																						
6	Brant Lake (NY)	**1**			1		1																		
7	Bryant Pond (NY)			**1**																					
8	Burden Lake (NY)	**1**			1		1	1																	
9	Canada Lake (NY)		**1**																						
10	Canadarago Lake (NY)	**1**			1		1										1								
11	Canandaigua Lake (NY)	**1**			1		1										1	1							
12	Cassadaga Lake (NY)	**1**			1		1																		
13	Catskill Creek (NY)		**1**																						
14	Cayuga Lake (NY)	**1**			1	1	1		1								1	1	1						
15	Chautauqua Lake (NY)	**1**			1		1									1	1								
16	Clark Pond (NY)		**1**																						
17	Conesus Lake (NY)	**1**			1		1										1			1	1				1
18	Copake Lake (NY)	**1**			1		1	1																	
19	Coped Lake (NY)			**1**																					
20	Cossayuna Lake (NY)	**1**			1		1																		
21	Cranberry Lake (NY)	**1**				1																			
22	Cross Lake (NY)	**1**			1		1										1					1			
23	Cuba Lake (NY)	**1**			1		1					1													
24	Delta Reservoir (NY)	**1**																							
25	DeRuyter Reservoir (NY)	**1**			1												1								

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26	Dunham Reservoir (NY)		**1**																						
27	Dyken Pond (NY)		**1**																						
28	Eagle Lake (NY)	**1**			1																				
29	East Sidney Reservoir (NY)		**1**																						
30	Eighth Lake (NY)	**1**				1																			
31	Erie Canal (NY)	**1**															1	1	1		1				
32	Fern Lake (NY			**1**																					
33	Fourth Lake (NY)	**1**			1	1							1												
34	Friend's Lake (NY)		**1**																						
35	Fulton Chain Lakes (NY)	**1**			1	1							1												
36	Garnet Lake (NY)		**1**																						
37	Glen Lake (NY)	**1**			1												1								
38	Great Sacandaga Lake (NY	**1**			1																			1	
39	Greenwood Lake (NY)	**1**			1						?														
40	Hadlock Pond (NY)	**1**			1		1	1				1													
41	Harris Lake (Essex Co, NY)	**1**											1												
42	Highland Lake (NY)		**1**																						
43	Hinckley Reservoir (NY)	**1**															1								
44	Honeoye Lake (NY)	**1**			1	1	1										1								
45	Housatonic River (NY)			**1**																					
46	Hudson River (NY)	**1**			1		1	1				1					1								
47	Indian Lake (NY)	**1**			1																				
48	Jabe Pond (NY)		**1**																						
49	Keuka Lake (NY)	**1**			1		1	1								1	1	1	1						
50	Kinderhook Lake (NY)	**1**			1		1	1				1													
51	La Chute River (NY)			**1**																					
52	Lake Bonaparte (NY)	**1**			1											1									
53	Lake Butterfield (NY)	**1**			1																				
54	Lake Champlain (NY)	**1**			1	1	1	1				1		1	1		1								

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55	Lake Champlain Canal	**1**			1		1	1				1		1			1								
56	Lake Durant (NY)	**1**				1																			
57	Lake Flower (NY)	**1**			1	1	1																		
58	Lake Louise Marie (NY)		**1**																						
59	Lake Luzerne (NY)	**1**			1		1																		
60	Lake Mahopac (NY)	**1**			1																				
61	Lake Moraine (NY)	**1**			1		1									1									
62	Lake Placid (NY)	**1**				1																			
63	Lake Pleasant (NY)		**1**																						
64	Lake Stahahe (Tuxedo,NY)	**1**			1	1				1			1												
65	Lake Welch (NY)		**1**																						
66	Lebanon Reservoir (NY)	**1**			1		1																		
67	Lincoln Pond (NY)	**1**			1																				
68	Little York Lake, Upper (NY)	**1**			1		1									1									
69	Little York Lake, Lower (NY)		**1**																						
70	Long Lake (NY)	**1**				1							1												
71	Long Pond (Grafton Park, NY)	**1**			1																				
72	Loon Lake (Warren County, NY)	**1**			1		1																		
73	Lower Saranac Lake (NY)	**1**			1		1						1												
74	Mirror Lake (North Elba, NY)		**1**																						
75	Mirror Lake (Herkimer Co, NY)	**1**					1																		
76	Mohawk River (NY)	**1**			1			1									1	1							
77	Moreau Lake (NY)	**1**			1																				
78	New Croton Reservoir (Westchester Co.NY)	**1**			1																				
79	Niagara River (NY)	**1**			1		1	1								1					1			1	
80	Oneida Lake (NY)	**1**			1		1	1						1		1	1	1			1	1			
81	Oneida River (NY)	**1**						1																	
82	Onondaga Lake (NY)	**1**			1		1	1									1	1							
83	Orange Lake (NY)	**1**			1			1																	

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84	Oscawana Lake (NY)	**1**			1			1																	
85	Oswego River (NY)	**1**						1									1								
86	Otsego Lake (NY)	**1**			1		1									1	1			1	1				
87	Owasco Lake (NY)	**1**			1		1										1		1						
88	Otter Lake (Cato, NY)	**1**			1																				
89	Paradox Lake (NY)	**1**			1		1																		
90	Peach Lake (NY)	**1**			1		1	1			1	1			1										
91	Piseco Lake (NY)		**1**																						
92	Putnam Pond (NY)	**1**			1																				
93	Rainbow Lake (NY)		**1**																						
94	Raquette Lake (NY)	**1**				1							**1**												
95	Round Lake (Saratoga Co, NY)	**1**			1			1				1													
96	Round Pond (Rensselaer Co, NY)		**1**																						
97	Sacandaga Lake (NY)	**1**																						1	
98	Sacandaga River (NY)			**1**																					
99	Salmon River (NY)	**1**			1																				
100	Saratoga Lake (NY)	**1**			1		1	1									1								
101	Schroon Lake (NY)	**1**			1		1																		
102	Schroon River (NY)		**1**																						
103	Seneca Lake (NY)	**1**			1		1										1	1	1						
104	Shaver Pond (Grafton Park, NY)	**1**			1																				
105	Skaneateles Lake (NY)	**1**			1		1										1	1							1
106	Sleepy Hollow Lake (NY)	**1**			1		1	1				1													
107	St. Lawrence River (NY)	**1**			1		1							1		1					1				1
108	Star Lake (NY)		**1**																						
109	Stewarts Bridge Reservoir (NY)	**1**																						1	
110	Stewarts Pond (Palermo,NY)			**1**																					
111	Stoner Lakes (Arietta, NY)		**1**																						
112	Swinging Bridge Resevoir (NY)		**1**																						

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113	Thirteenth Lake (NY)		1																						
114	Trout Lake (Warren Co, NY)		1																						
115	Tupper Lake (NY)	1				1							1												
116	Twin Lakes (Arietta, NY)			1																					
117	Twin Lakes (Ohio, NY)			1																					
118	Upper Saranac Lake (NY)	1			1																				
119	Warner Lake (Berne, NY)	1			1			1									1								
120	West Canada Lake (NY)		1																						
121	White Lake (NY)	1			1																				
	TOTALS	85	27	9	69	14	41	22	1	1	1	9	8	4	2	9	27	9	5	2	6	2	0	5	3
		Infested	No AIS known	No info avail.	EWM	VLM	CLP	WC	HV	BE	FW	BN	SBW	FB	YFH	SS	ZM	QM	AC	AW	ER	WP	SH	SWF	VHS

List compiled by Emily DeBolt, Lake George Association

With assistance from (and many thanks to) Scott Kishbaugh, NYSDEC; Larry Eichler, DFWI; Meghan Johnstone, APIPP, Nancy Mueller, NYSFOLA, and others.

All efforts have been made to provide accurate info given the ever-changing nature of and uncertainties associated with AIS detection, monitoring, and mapping .

If you have edits or corrections to this list, please contact Emily DeBolt at edebolt@lakegeorgeassociation.org or call 518-668-3558.

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This list is not intended to be a list of all infected waters in NYS (there are many more lakes on that list).

This list is based on data collected from 2008-2011 by the Lake George Lake Steward Program

and is intended to be a tool for AIS spread prevention measures for Lake George.

For more info about the LG Lake Steward Program go online to www.lakegeorgeassociation.org

LGA

Lake George Association