



Atlas of Channel Catfish Waters in Ontario

January 2003

Preface

This document provides a listing of Ontario waters currently known to contain channel catfish (*Ictalurus punctatus*). Information for this listing has been derived from a variety of sources including the provincial fisheries database of lake and streams surveys (AHIS) and fisheries assessment projects. Several publications and checklists were also referenced. A draft listing of waterbodies containing channel catfish was also reviewed by Ontario Ministry of Natural Resources (MNR) field biologists from across the province to confirm the current status and make any revisions necessary.

Scott and Crossman (1973) describe the distribution of channel catfish in Ontario as follows: "the St. Lawrence River and its tributaries, the Ottawa River and tributaries, all Great Lakes except Superior, all of Ontario north to a line from the Ottawa River through Lake Nipissing and the French River to Lake Superior and in the Nelson River system to extreme western Ontario."

A total of Ontario 122 waterbodies were identified during this exercise (Table 1).

Table 1. Ontario waterbodies containing channel catfish. Information has been summarized in terms of the Ministry of Natural Resources district in which the waterbody is located.

MNR District	Lakes/Reservoirs	Streams/Rivers	Total
<u>Southcentral Region</u>			
Algonquin Park	5	0	5
Aurora	2	2	4
Aylmer	1	19	20
Bancroft	2	0	2
Guelph	0	5	5
Kemptville	5	6	11
Midhurst	10	5	15
Parry Sound	6	3	9
Pembroke	14	6	20
Peterborough	1	4	5
Subtotal	46	50	96
<u>Northeastern Region</u>			
Chapleau	0	0	0
Cochrane	0	0	0
Hearst	0	0	0
Kirkland Lake	0	1	1
North Bay	6	2	8
Sault Ste. Marie	2	2	4
Sudbury	4	5	9
Timmins	0	0	0
Wawa	0	0	0
Subtotal	12	10	22
<u>Northwestern Region</u>			
Dryden	0	0	0
Fort Frances	0	0	0
Kenora	1	0	1
Nipigon	0	0	0
Red Lake	0	0	0
Sioux Lookout	0	0	0
Thunder Bay	0	0	0
Subtotal	1	0	1
Great Lakes	3	0	3
Provincial Total	62	60	122

This atlas represents current knowledge on the occurrence and distribution of channel catfish in Ontario. Efforts should be made to keep this listing updated as new information becomes available.

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January 2003

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Channel Catfish Waters in Ontario

MNR District	Waterbody	Township(s)	County/District	Latitude	Longitude	Watershed
Algonquin Park	Cedar Lake	Deacon & Lister	Nipissing	46° 01'	78° 28'	2KB-01
	Lake Traverse	White & Edgar	Nipissing	45° 58'	78° 03'	2KB-01
	McManus Lake	Stratton	Nipissing	45° 57'	77° 37'	2KB-01
	Radiant Lake	Deacon	Nipissing	46° 00'	78° 17'	2KB-01
	Smith Lake	Stratton	Nipissing	45° 58'	77° 40'	2KB-01
Aurora	Bond Lake	Whitchurch	York	43° 56'	79° 27'	2HC-07
	Holland River	East & West Gwillimbury	York & Simcoe	44° 12'	79° 31'	2EC-01
	Lake Simcoe	-	Ontario, Simcoe & York	44° 25'	79° 20'	2EC
	Rouge River	City of Toronto	-	43° 48'	79° 07'	2HC-09
Aylmer	Bear Creek	Sombra	Lambton	42° 44'	82° 21'	2GG-06
	Belle River	Rochester & Maidstone	Essex	42° 18'	82° 43'	2GH-03
	Big Otter Creek	Bayham	Elgin	42° 39'	80° 49'	2GC-04
	Black Creek	Woodhouse & Townsend	Norfolk	42° 47'	80° 12'	2GC-09
	Cedar Creek	Gosfield South	Essex	42° 01'	82° 46'	2GH-07
	Duck Creek	Rochester	Essex	42° 18'	82° 41'	2GH-03
	Fleming Creek	Aldborough	Elgin	42° 38'	81° 47'	2GE-01
	Fox Creek	Colchester South	Essex	41° 59'	82° 51'	2GH-07
	Hickory Creek	Plympton	Lambton	43° 07'	82° 05'	2FF-01
	Hillman Creek	Mersea	Essex	42° 02'	82° 30'	2GH-09
	Kettle Creek	Southwold	Elgin	42° 38'	81° 13'	2GC-02
	Lake St. Clair	-	Essex & Kent	42° 28'	82° 40'	-
	Lynn River	Woodhouse	Norfolk	42° 47'	80° 12'	2GC-09
	Nanticoke Creek	Walpole	Haldimand	42° 47'	80° 04'	2GC-11
	North Sydenham River	Chatham	Kent	42° 36'	82° 23'	2GG-05
	Otter Creek	North Norwich	Oxford	42° 58'	80° 33'	2GC-04
	South Otter Creek	Bayham	Elgin	42° 38'	80° 48'	2GC-05
	Sydenham River	-	Lambton & Kent	42° 33'	82° 25'	2GG-05
	Talbot Creek	Dunwich	Elgin	42° 38'	81° 22'	2GF-06
	Thames River	-	Essex & Kent	42° 19'	82° 27'	2GE

MNR District	Waterbody	Township(s)	County/District	Latitude	Longitude	Watershed
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Bancroft	Bresnahan Lake	Monteagle	Hastings	45° 08'	77° 46'	2KD-02
	Dalrymple Lake	Mara & Carden	Simcoe & Victoria	44° 38'	79° 07'	2EC-13
Guelph	Eighteen Mile River	Ashfield	Huron	44° 01'	81° 44'	2FD-04
	Grand River	-	Haldimand & Brant	42° 51'	79° 34'	2GB-01
	Miller Creek	Bertie	Welland	42° 58'	78° 57'	2HA-08
	Niagara River	Niagara	Lincoln	43° 16'	79° 03'	2HA-09
	Welland River	Willoughby & Stamford	Welland	43° 04'	79° 03'	2HA-07
Kemptville	Carp River	Fitzroy	Ottawa-Carleton	45° 29'	76° 14'	2KF-03
	Constance Lake	March	Ottawa-Carleton	45° 24'	75° 59'	2KF-02
	Dows Lake	City of Ottawa	Ottawa-Carleton	45° 23'	75° 42'	2LA-02
	Gananoque River	Front of Leeds & Landsdowne	Leeds	44° 20'	76° 10'	2MA-08
	Lac Deschênes (Ottawa River)	Torbolton & March	Ottawa-Carleton	45° 27'	75° 57'	2KF-01
	Lac Dollard des Ormeaux (Ottawa River)	-	Prescott-Russell	45° 36'	74° 30'	2LB
	Mississippi River	-	Lanark & Ottawa-Carleton	45° 26'	76° 16'	2KF-04
	Rideau River	-	Ottawa-Carleton	45° 27'	75° 42'	2LA-02
	South Nation River	-	Prescott, Stormont & Grenville	45° 34'	75° 06'	2LB-04
	St. Lawrence River	-	Leeds, Grenville, Glengarry, Dundas & Stormont	45° 20'	73° 58'	2MB
	White Lake	Bagot, McNab & Darling	Renfrew & Lanark	45° 18'	76° 31'	2KE-02
Kenora	Lake of the Woods	-	Kenora	49° 15'	94° 45'	5PD
Kirkland Lake	Blanche (Misema) River	Marter	Timiskaming	47° 54'	79° 53'	2JC-01
Midhurst	Gloucester Pool	Baxter	Muskoka	44° 51'	79° 42'	2EC-17
	Irish Lake	Artemesia	Grey	44° 16'	80° 39'	2FC-10
	Jacks Lake (NL)	Sunnidale	Simcoe	44° 29'	80° 00'	2ED-09
	Lake Couchiching	Orillian, Rama & Mara	Simcoe & Ontario	44° 40'	79° 22'	2EC-09
MNR District	Waterbody	Township(s)	County/District	Latitude	Longitude	Watershed

Midhurst (cont'd)	Lake St. George	Orillia	Simcoe	44° 44'	79° 22'	2EC-17
	Lake St. John	Rama	Ontario	44° 41'	79° 19'	2EC-17
	Little Lake	Baxter & Tay	Muskoka & Simcoe	44° 49'	79° 42'	2ED-03
	Little (Barrie) Lake	City of Barrie	Simcoe	44° 25"	79° 40'	2ED-14
	Nottawasaga River	Sunnidale	Simcoe	44° 32'	80° 00'	2ED-09
	Saugeen River	-	Bruce	44° 30'	81° 22'	2FC
	Severn River	Gibson & Matchedash	Muskoka & Simcoe	44° 48'	79° 43'	2EC-17
	Sparrow Lake	Orillia & Morrison	Simcoe & Muskoka	44° 47'	79° 24'	2EC-17
	Tea Lake	Matchedash	Simcoe	44° 52'	79° 39'	2EC-17
	Teeswater River	Elderslie, Culross & Greenock	Bruce	44° 18'	81° 16'	2FC-06
	Wye River	Tay, Tiny & Flos	Simcoe	44° 45'	79° 51'	2ED-03
North Bay	Duck Lake	Wilson	Parry Sound	45° 53'	80° 00'	2DD-03
	Long Bay (Pickerel River)	Wilson	Parry Sound	45° 54'	80° 03'	2DD-03
	French River	-	Parry Sound	48° 39'	91° 11'	2DD-01
	Holden Lake (Ottawa River)	-	Renfrew & Nipissing	46° 15'	78° 15'	2KA-01
	Lake Nipissing	-	Nipissing	46° 17'	80° 00'	2DD
	Mattawa River	Mattawan & Papineau	Nipissing	46° 19'	78° 43'	2DD-03
	Toad Lake	Wilson	Parry Sound	45° 54'	80° 03'	2DD-03
	Wauquimakog Lake	Wilson & Mills	Parry Sound	45° 54'	80° 00'	2DD-03
Parry Sound	Cantin Lake	Mowat	Parry Sound	45° 59'	80° 32'	2DD-03
	Dollars Lake	Blair & McConkey	Parry Sound	45° 56'	80° 13'	2DD-03
	Go Home Lake	Gibson	Muskoka	45° 01'	79° 51'	2EB-02
	Kawigamog Lake	Blair	Parry Sound	45° 53'	80° 16'	2DD-03
	Key River	-	Parry Sound	45° 53'	80° 44'	2EA-01
	Moon River (below Moon Falls)	-	Muskoka & Parry Sound	45° 08'	79° 59'	2EB-02
	Pickerel River	-	Parry Sound	45° 55'	80° 46'	2DD-03
	Six Mile Lake	Baxter	Muskoka	44° 54'	79° 43'	2EC-17
Squaw Lake	Blair	Parry Sound	46° 00'	80° 21'	2DD-03	

MNR District	Waterbody	Township(s)	County/District	Latitude	Longitude	Watershed
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Pembroke	Allumette Lake	-	Renfrew	45° 53'	77° 13'	2KA/2KC
	Arnprior Headpond	McNab	Renfrew	45° 26'	76° 21'	2KE-01
	Barron River	McKay	Renfrew	45° 53'	77° 24'	2KB-02
	Black Donald Lake	Broughan	Renfrew	45° 13'	76° 57'	2KE-01
	Bonnechere River	Horton	Renfrew	45° 31'	76° 33'	2KC-02
	Calabogie Lake	Blithfield & Bagot	Renfrew	45° 16'	76° 45'	2KE-01
	Holden Lake	-	Renfrew & Nipissing	46° 15'	78° 15'	2KA
	Jeffrey's (Olmsted) Lake	Ross	Renfrew	45° 35'	76° 48'	2KC-05
	Lac du Bois Dur (Ottawa River)	Petawawa	Renfrew	45° 53'	77° 23'	2KC
	Lac Coulonge (Ottawa River)	-	Renfrew	45° 53'	79° 50'	2KC-01
	Lac des Chats (Ottawa River)	-	Renfrew	45° 30'	76° 28'	2KC-01
	Lac Rocher du Fendu (Ottawa River)	-	Renfrew	45° 38'	76° 43'	2KC-01
	Madawaska River	-	Renfrew	45° 27'	76° 21'	2KE-01
	Mink Lake	Wilberforce	Renfrew	45° 33'	77° 03'	2KC-07
	Norway Lake	Bagot	Renfrew	45° 20'	76° 43'	2KE-01
	Ottawa River	-	Renfrew	45° 34'	74° 23'	2KC
	Petawawa River	Petawawa	Renfrew	45° 55'	77° 15'	2KB-01
	Red Rock Lake	Fraser	Renfrew	45° 41'	77° 17'	2KC-07
	Snake River	Westmeath	Renfrew	45° 42'	76° 56'	2KC-07
	Sturgeon Lake	Buchanan	Renfrew	46° 01'	77° 23'	2KA-01
Peterborough	Clare River	Sheffield & Hungerford	Lennox-Addington & Hastings	44° 29'	77° 17'	2HL-04
	Ganaraska River	Hope	Durham	43° 57'	78° 18'	2HD-06
	Napanee River	Portland	Frontenac	44° 12'	77° 02'	2HM-03
	Stoco Lake	Hungerford	Hastings	44° 28'	77° 17'	2HL-02
	Trent River	-	Hastings	44° 06'	77° 52'	2HK-01
Sault Ste. Marie	Carpenter Lake	Morin	Algoma	46° 37'	83° 37'	2CA-11
	Dean Lake	Thompson	Algoma	46° 14'	83° 11'	2CC-03
	St. Marys River	City of Sault Ste. Marie	Algoma	46° 32'	84° 08'	2CA

MNR District	Waterbody	Township(s)	County/District	Latitude	Longitude	Watershed
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Sault Ste. Marie (cont'd)	Thessalon River	Thessalon, LeFroy & Plummer	Algoma	46° 15'	88° 34'	2CA-11
Sudbury	Allen Lake	Allen	Sudbury	46° 04'	80° 45'	2DD-01
	Bass Lake	Unsurveyed Territory	Parry Sound	45° 57'	80° 52'	2DD-01
	Bass Creek	Unsurveyed Territory	Parry Sound	45° 56'	80° 52'	2DD-01
	Fox Creek	Unsurveyed Territory	Parry Sound	45° 56'	80° 48'	2DD-03
	Fox Lake	Unsurveyed Territory	Parry Sound	45° 57'	80° 48'	2DD-03
	French River	Mowat, Blair & McConkey	Parry Sound	45° 56'	80° 54'	2DD-01
	Spanish River	-	Algoma	46° 11'	82° 19'	2CE-02
	Whitefish River	Curtin & Gordon	Sudbury	46° 04'	81° 45'	2CF-05
	Wolsey Lake	Mills	Manitoulin	45° 50'	82° 32'	2CG-19
Great Lakes	Lake Erie					
	(i) Rondeau Harbour	-	Kent	42° 17'	81° 53'	-
	(ii) Port Dover	-	Norfolk	42° 47'	80° 12'	-
	(iii) Point Pelee	Mersea	Essex	41° 54'	82° 31'	-
	Lake Ontario					
	(i) Picton Bay	-	Prince Edward	44° 02'	77° 07'	2HE-06
	(ii) Hamilton Harbour	-	Wentworth	43° 17'	79° 50'	2HB
	(iii) Bay of Quinte	-	Prince Edward & Hastings	44° 09'	77° 15'	2HE
	(iv) Duffins Creek Marsh	-	Ontario	43° 49''	79° 02'	-
	(v) Frenchman's Bay	-	Ontario	43° 49'	79° 05'	-
	(vi) Jordan Harbour	-	Lincoln	43° 11'	79° 22'	-
	Lake Huron					
	(i) South Bay	-	Manitoulin	45° 34'	82° 00'	2CG-03
	(ii) Dorcas Bay	-	Bruce	45° 11'	81° 35'	2FA-06
	(iii) North Channel	-	Algoma, Manitoulin & Sudbury	46° 00'	83° 00'	-
	Georgian Bay					
	(i) Severn Sound	-	-	44° 48'	79° 47'	-
	(ii) Blackstone Harbour	-	Parry Sound	45° 09'	79° 59'	-
	(iii) Woods Bay	-	Parry Sound	45° 08'	80° 00'	-
	(iv) Owen Sound	-	Grey	44° 40'	80° 54'	2FB

NL - Not listed in the Gazetteer of Ontario.