



DOUBLE T LAKE

Double T State Fish and Wildlife Area

FISHERIES STATUS SUMMARY

LOCATION: The Double T State Fish and Wildlife Area is located 3 miles north west of Canton in Fulton County. The concrete boat ramp is accessible from Cypress Road.

DESCRIPTION : Double T Lake is a 64 surface acre lake that was formed in 1983 by coal mining. This site was obtained by the State of Illinois in September 2001. The maximum depth of the lake is approximately 65 feet. The lake is a long and linear final cut stripmine that form the shape of a double T. The basin topography is very steep shorelines with a fringe of submerged aquatic plants. Woody structure is limited to several beaver houses and the eastern end has the input of Put Creek. Water clarity has varied from 2 feet to over 7 feet.

MANAGEMENT ACTIVITIES: The fish biologist completes an annual survey in the spring utilizing D.C. electrofishing and trapnetting to sample a target number of at least 100 stock-size largemouth bass and as many other sportfish as available.

Status of the Sport Fishery: The sport fishery of Double T Lake is highlighted by a quality largemouth bass and black crappie populations with a developing muskie population. Pure muskie have been stocked since 2002 at a rate of up to 3 fish per acre at 10 to 14 inches long.

Largemouth Bass: The Largemouth bass population was sampled by 73 stock size fish in 2018. The current bass regulation of a 21 inch minimum size limit and 1 fish per day was an effort to protect the initial population in the lake and to build this population up. In the 2018 sample, the PSD was 69, the RSD14 was 47, the RSD 16 was 34 and the RSD18 was 19. All of these values have been steady since 2010. These are all high values for a bass population. The catch rate was 1.6 in 2018 and has ranged from 1.1 to 4 fish per minute. The average Wr was good at 94 in 2018.

Muskellunge: In 2018, 11 muskie were collected by spring trapnets. These fish ranged in size from 16.1 to 38.6 inches long. The average body condition was average with a Wr value of 93. No muskie were stocked in 2004 or 2013, but 64 fish were stocked in each year from 2005 through 2016. 66 fish were stocked in 2017 and none in 2018.

Bluegill: The bluegill size structure remained low according to the 2018 electrofishing survey results. The five year trend appears to be a bluegill population with a top size under 7.0 inches in length. The competition from the current gizzard shad and carp population may limit the ability of the bluegill population to improve to a good status.

Crappie: The black and white populations were sampled by the collection of 22 black crappie and 45 white crappie. The average relative weights for these fish were 86 and 96 respectively. 8 hybrid crappie were also sampled from 11 to 17 inches long. Quality white and hybrid crappie populations are present at a low density. A bacterial fish kill was reported in June of 2009 with a large number of crappie killed. And in late May of 2013, another crappie specific fish kill occurred. The established regulation is a minimum size limit of 10 inches and a creel limit of 25 fish per day.

Other Fish Species: Double T Lake has a strong population of carp and gizzard shad with small numbers of green sunfish, bluntnose minnows and yellow bullheads present.

Fishing Regulations:

All Fish - 2 pole and line fishing only.

<u>Species</u>	<u>Size Limit</u>	<u>Creel Limit</u>
Largemouth bass	21 inch minimum	1 fish/day*
Smallmouth bass	21 inch minimum	
Channel catfish or Blue catfish	NONE	6 fish/day
White, Black, Or Hybrid Crappie	10 inch minimum	25 fish/day
Bluegill or Redear Sunfish	NONE	25 fish/day
Muskie	42 inch minimum	1 fish/day

*daily limit includes all largemouth and smallmouth bass either singly or in the aggregate.

Recreational Use Restrictions - Waterfowl Refuge or Hunting Area (All use other than waterfowl hunting is prohibited from October 1 through the end of the central zone Canada Goose Season.)

CONTACT INFORMATION –

Rice Lake State Fish and Wildlife Area: (309) 647-9184.

IDNR Fisheries County Fish Biologist: (309) 446-9143.

Illinois Fishing Information booklet and IFISHILLINOIS website <http://www.ifishillinois.org/>