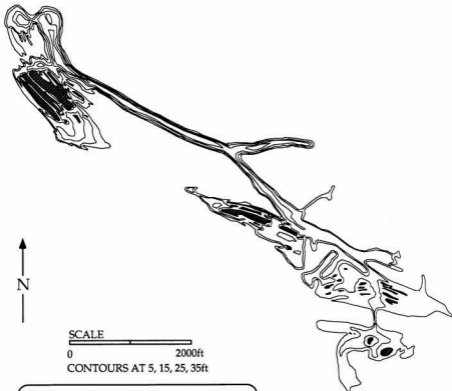
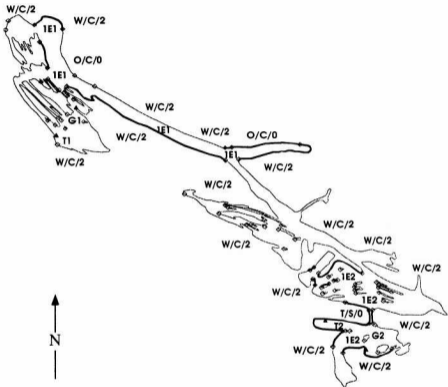


LONG LAKE



Map Source: Illinois Natural History Survey
Mapping Method: Transect, outline from ASCS
aerial photo
Date completed: 7/27/89

LONG LAKE



Habitat Codes (given as a three character code: **Habitat/Substrate/Hard Cover**)

Habitat:

W = Woody debris
 E = Emergent vegetation
 R = Rip rap
 O = Open area
 D = Docks
 T = Retaining wall or dam face
 U = Unknown

Substrate:

M = Mud or silt
 C = Clay
 S = Sand
 G = Gravel
 B = Rock or boulder
 U = Unknown

Hard Cover Rating:

0 = 0% woody debris and no docks.
 1 = 0% woody debris with docks or 1-33% woody debris.
 2 = 1-33% woody debris with many docks or 34-66% woody debris.
 3 = 34-66% woody debris with many docks or greater than 67% woody debris.

Information compiled by the Illinois Natural History Survey, completed 10/29/86

LONG LAKE

(Kickapoo State Park)

County: VERMILLION
 Latitude: 400768
 Longitude: 874430

IDOC Region: 3
 IDOC District: 8
 IDOC Lake Number: 95
 Storet Code: RB-A02-M
 IDOC Lake Class: ST
 Lake Origin: AS
 Natural Division: 10C

Surface Area (ha): 20.7
 Surface Area (acres): 49.7
 Mean Depth (m): 2.667
 Maximum Depth (m): 10.973
 Shore Length (km): 5.472
 Shoreline Dev. Index: 3.39

Year Constructed: 1927

USGS 7.5' Quad: DANVILLE NW*
 Major River Basin: WABASH
 Inflowing Stream: NONE
 Outflowing Stream: NONE

Watershed Area (ha): 40
 Storage Cap. (1000 m³): 552.41
 Retention Time (yrs): 9.1
 Volume Dev. Index: 0.72

Typical Water Chemistry:

Secchi Disk Depth (cm): 792
 Conductivity (umhos): 1723
 Total Alkalinity (mg/l): 146
 pH: 7.2

Maximum Length (km): 1.47
 Maximum Width (km): 1.26
 Inshore Mean Depth (m): 3.18
 Pool Elevation (m msl): 164.6

Climatic Information:

Growing Season (days): 166
 Growing Deg. Days (50°F base): 3456

Habitat Description as a Proportion of Total Shoreline and Shoreline Sampled by Electrofishing

Habitat Type	Percent of	
	Total Shoreline	Percent of Total Shoreline Sampled by Electrofishing
O/C/0	2	2
T/S/0	1	1
W/C/2	97	15

Fish Species Present in Lake (based on IDOC sampling):

Black Bullhead	Green Sunfish X Bluegill
Black Crappie	Lake Chubsucker
Blackstripe Topminnow	Largemouth Bass
Bluegill	Longear Sunfish
Bluegill X Redear	Northern Pike
Brook Silverside	Pumpkinseed
Carp	Redear Sunfish
Central Mudminnow	Warmouth
Channel Catfish	White Crappie
Gizzard Shad	White Sucker
Golden Shiner	Yellow Perch
Grass Pickerel	