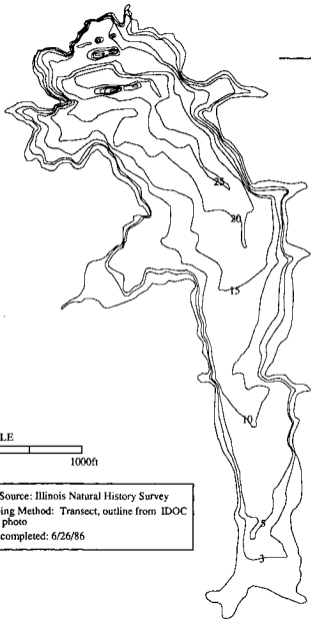


PIERCE LAKE

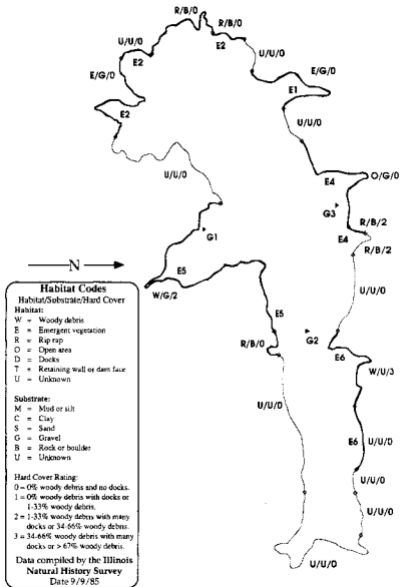


SCALE



Map Source: Illinois Natural History Survey
Mapping Method: Transect, outline from IDOC
aerial photo
Date completed: 6/26/86

PIERCE LAKE



PIERCE LAKE

County: WINNEBAGO

Latitude: 422043

Longitude: 885904

Township: T45N

Range: R2E

Section: 26,27

IDOC Region: 1

IDOC District: 2

IDOC Lake Number: 17

Storet Code: RP-B02-C

IDOC Lake Class: ST

Lake Origin: AA

Natural Division: 2A

Surface Area (ha): 61.2

Surface Area (acres): 146.9

Mean Depth (m): 3.41

Maximum Depth (m): 10.06

Shore Length (km): 6.72

Shoreline Dev. Index: 2.42

Year Constructed: 1960

USGS 7.5' Quad: CALEDONIA

Major River Basin: ROCK

Inflowing Stream: WILLOW CR

Outflowing Stream: WILLOW CR>ROCK R

Typical Water Chemistry:

Secchi Disk Depth (cm): 79

Conductivity (μ mhos): 462

Total Alkalinity (mg/l): 163

pH: 8.8

Watershed Area (ha): 8150

Storage Cap. (1000 m³): 2091.23

Retention Time (yrs): 0.4

Volume Dev. Index: 1.01

Maximum Length (km): 0.92

Maximum Width (km): 1.8

Inshore Mean Depth (m): 1.1

Pool Elevation (m msl):

Climatic Information:

Growing Season (days): 152

Growing Deg. Days (50°F base): 2813

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

Habitat Type	Percent of Total Shoreline	
	Total Shoreline	Sampled by Electrofishing
E/G/0	15	15
E/B/0	2	2
E/U/0	6	6
O/G/0	7	7
R/B/0	2	2
R/B/2	2	1
U/U/0	43	5
W/G/2	17	17
W/U/3	6	6

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

Black Bullhead	Muskellunge
Black Crappie	Smallmouth Bass
Bluegill	Spotfin Shiner
Bluntnose Minnow	Walleye
Brook Silverside	White Crappie
Brown Bullhead	White Sucker
Carp	Yellow Bullhead
Channel Catfish	Yellow Perch
Gizzard Shad	
Golden Shiner	
Green Sunfish	
Largemouth Bass	