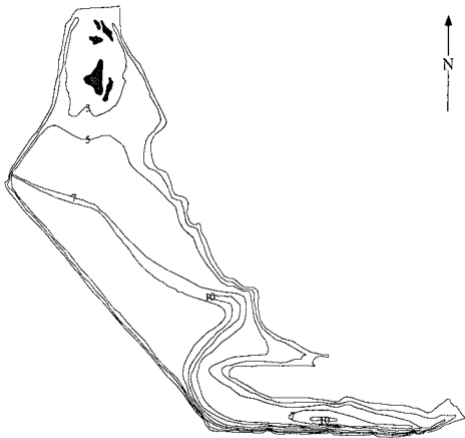


MERMET LAKE

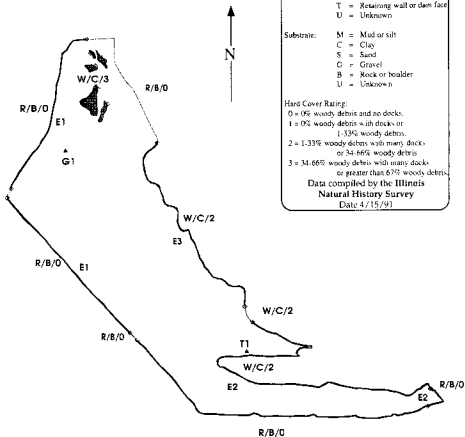


SCALE

0 0.5mi

Map Source: Illinois Natural History Survey
Mapping Method: Transect, outline from 7.5 min.
USGS topographic map
Date completed: 4/91

MERMET LAKE



MERMET STATE LAKE

County: MASSAC
Latitude: 371522
Longitude: 885044

Township: T14S
Range: R3E
Section: 26

IDOC Region: 5
IDOC District: 17
IDOC Lake Number: 241
Storet Code: RA-B03-B
IDOC Lake Class: ST
Lake Origin: AD
Natural Division: 14A

Surface Area (ha): 182.9
Surface Area (acres): 439.0
Mean Depth (m): 61
Maximum Depth (m): 3.66
Shore Length (km): 5.67
Shoreline Dev. Index: 1.18

Year Constructed: 1961

USGS 7.5 Quad: MERMET/JOPPA
Major River Basin: OHIO
Inflowing Stream: NONE
Outflowing Stream: NONE

Typical Water Chemistry:
Secchi Disk Depth (cm): 35.56
Conductivity (umhos): 157
Total Alkalinity (mg/l): 45
pH:

Watershed Area (ha): 203
Storage Cap. (1000 m³): 1159.6
Retention Time (yrs): 1.5
Volume Dev. Index: 0.5

Maximum Length (km):
Maximum Width (km):
Inshore Mean Depth (m): 0.61
Pool Elevation (m msl): 103.6

Climatic Information:
Growing Season (days): 193
Growing Deg. Days (50°F base): 4306

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

Habitat Type	Percent of Total Shoreline	
	Total Shoreline	Sampled by Electrofishing
D/B/1	1	
R/B/0	50	41
W/C/2	36	35
W/C/3	13	

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

Black Crappie White Crappie
Bluegill Yellow Bullhead
Brook Silverside
Carp
Channel Catfish
Gizzard Shad
Golden Shiner
Largemouth Bass
Orangespotted Sunfish
Redear Sunfish
Threadfin Shad
Warmouth