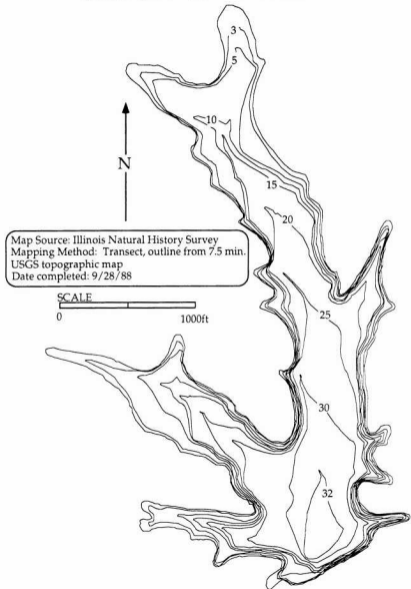
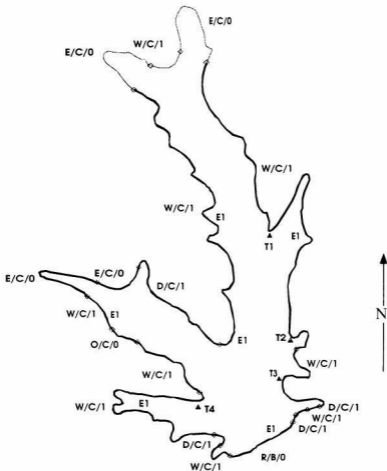


# RANDOLPH COUNTY LAKE



# RANDOLPH COUNTY 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 5/15/90

# RANDOLPH COUNTY LAKE

County: RANDOLPH  
Latitude: 375825  
Longitude: 894521

IDOC Region: 4  
IDOC District: 13  
IDOC Lake Number: 292  
Storet Code: RI-A02-B  
IDOC Lake Class: ST  
Lake Origin: AD  
Natural Division: 11B

Surface Area (ha): 32.6  
Surface Area (acres): 78.3  
Mean Depth (m): 4.78  
Maximum Depth (m): 10.06  
Shore Length (km): 6.18  
Shoreline Dev. Index: 3.04

Year Constructed: 1961

Watershed Area (ha): 809  
Storage Cap. (1000 m<sup>3</sup>): 1558.06  
Retention Time (yrs): 0.6  
Volume Dev. Index: 1.42

USGS 7.5' Quad: CHESTER\*  
Major River Basin: MISS. SOUTH  
Inflowing Stream: MORRISON BR  
Outflowing Stream: TRINDALL CR>LIL MARYS R>MISS R

Maximum Length (km): 1.32  
Maximum Width (km): 0.82  
Inshore Mean Depth (m): 2.6  
Pool Elevation (m msl): 138.4

## Typical Water Chemistry:

Secchi Disk Depth (cm): 201  
Conductivity (umhos): 255  
Total Alkalinity (mg/l): 125  
pH: 7.6

**Climatic Information:**  
Growing Season (days): 199  
Growing Deg. Days (50°F base): 4190

## 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/C/1	8	8
E/C/0	18	8
O/C/0	1	1
R/B/0	3	3
W/C/1	69	67

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

Bluegill  
Channel Catfish  
Green Sunfish  
Largemouth Bass  
Rainbow Trout  
Redear Sunfish  
Smallmouth Bass