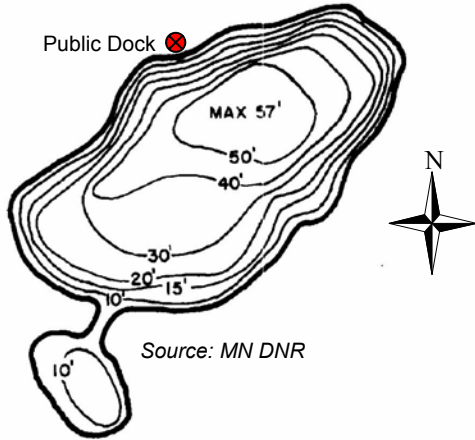
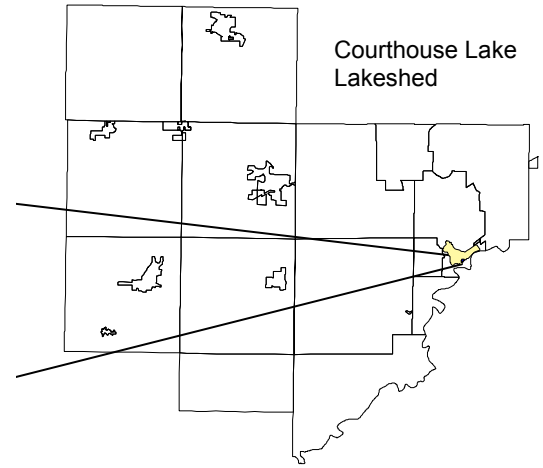


Courthouse Lake



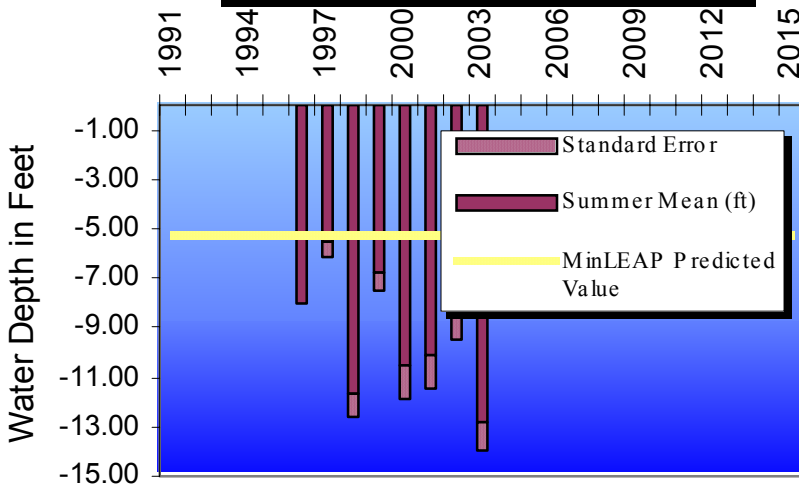
Lake Area (acres): 29
 Lakeshed Area (acres): 70
 Maximum Depth (ft): 57
 Mean Depth (ft): 25 (estimated)
 Littoral Area (acres): 3
 Percent Littoral: 10%
 *Note: Littoral area is defined as the portion of lake less than 15 ft and dominated by aquatic vegetation.



Summary Points

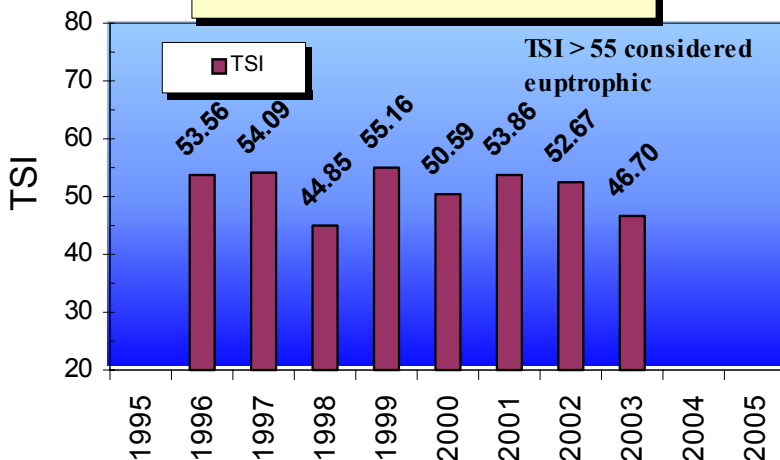
- Courthouse Lake is a designated trout lake.
- The Carlson Trophic State Index appears to be decreasing indicating the lake is receiving fewer nutrients.
- Courthouse Lake is mesotrophic which is expected for this region.
- The lakeshed area is relatively small ~1.5:1, which means the lakeshed can contribute a very small amount of nutrients to the lake.
- Swimming as well as the use of boats, is prohibited in Courthouse lake.
- The major land use within the watershed is open space.
- The water clarity of 12.8 ft (3.91 meters), measured with the Secchi disk, is within the MinLEAP predicted range and an improvement over last years average.
- The total phosphorus and chlorophyll-a concentrations of 19.5 and 3.8 U_g/L respectively are within the MinLEAP predicted ranges and an improvement over last years average.
- MinLEAP predicted ranges were calculated using an estimation of mean depth based on DNR bathymetry data.
- Significant numbers (approximately 3000) of trout are stocked in Courthouse Lake each year.
- There is no fish consumption information available for this lake.

Summer Mean Secchi Depth (Water Clarity)

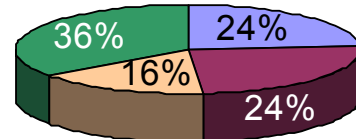


Note: Means calculated from 1 (1996) to 14 (2001) samples.
 MinLEAP predicted range: 2.95 to 7.5 ft.
 Std. error can be plus (as shown) or minus the mean.

Carlson Trophic State Index (decreasing)



Land Use Within the Lakeshed



Residential

Commercial/Industrial

Tilled Agriculture

Open Space

Note: Commercial/Industrial includes Public and Institutional Spaces.