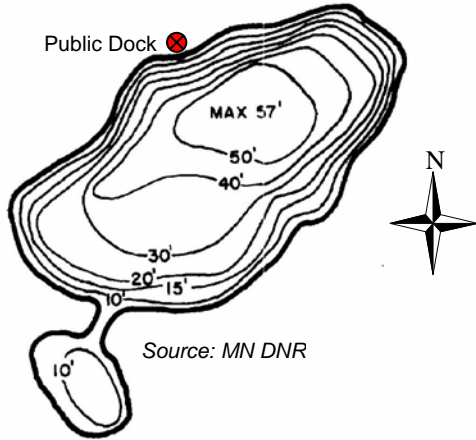
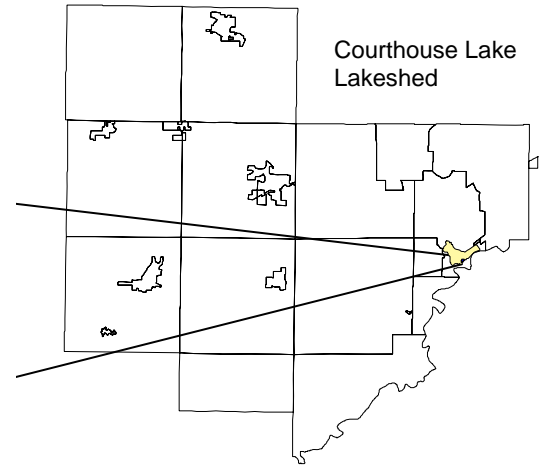


Courthouse Lake

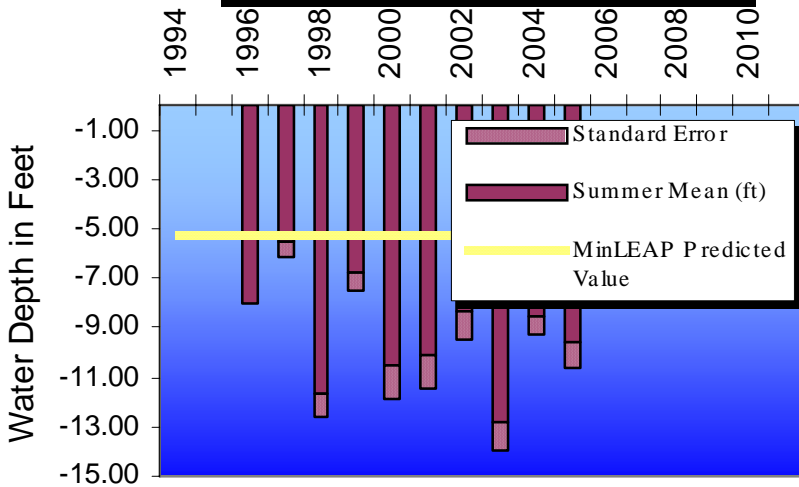


Source: MN DNR

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.

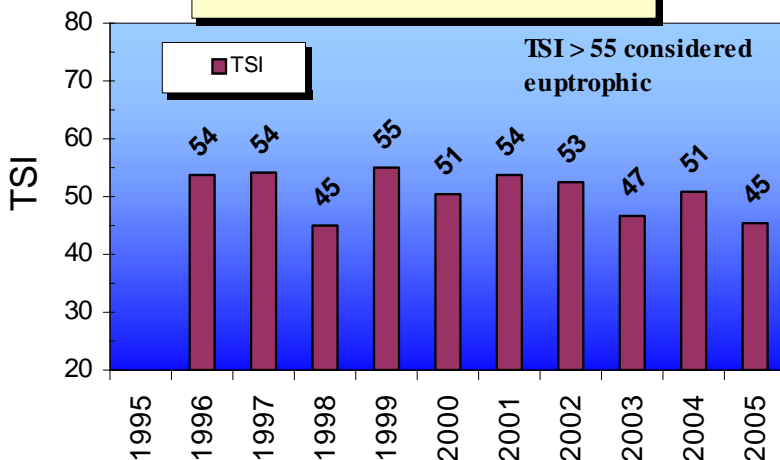


Summer Mean Secchi Depth (Water Clarity)



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.

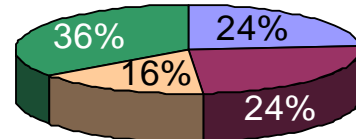
Carlson Trophic State Index (decreasing)



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, measured with the Secchi disk, is within the MinLEAP predicted range but may be decreasing slightly.
- The total phosphorus and chlorophyll-a concentrations are within the MinLEAP predicted ranges.
- In 1994 a total reclamation of the lake took place. Since then, significant numbers (approximately 3000) of trout are stocked in Courthouse Lake each year.
- There is no fish consumption information available for this lake.

Land Use Within the Lakeshed



Residential
 Commercial/Industrial
 Tilled Agriculture
 Open Space

Note: Commercial/Industrial includes Public and Institutional Spaces.