

Fireman's Lake

Lake Area (acres): 8

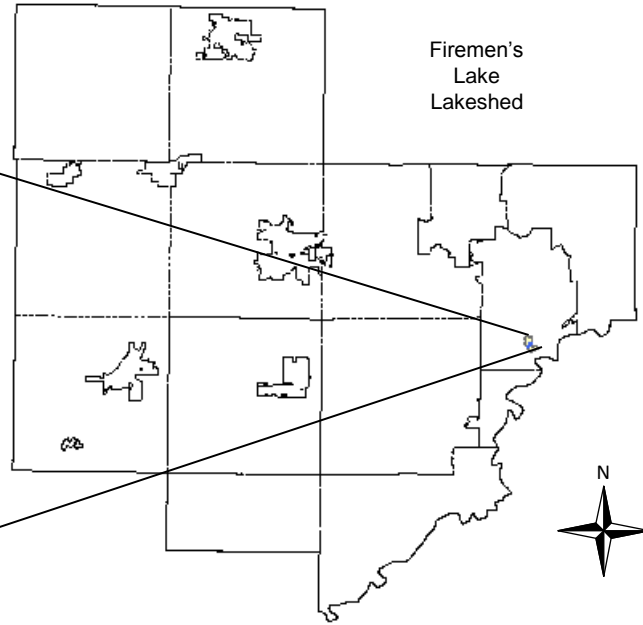
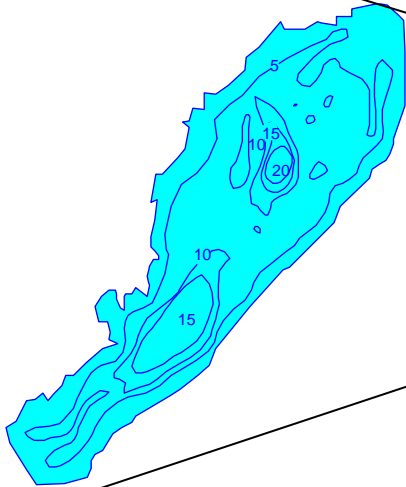
Lakeshed Area (acres): 88

Littoral Area (acres): 7.6
Percent littoral area: 26%

Maximum Depth (ft): 20

Mean Depth (ft): 3

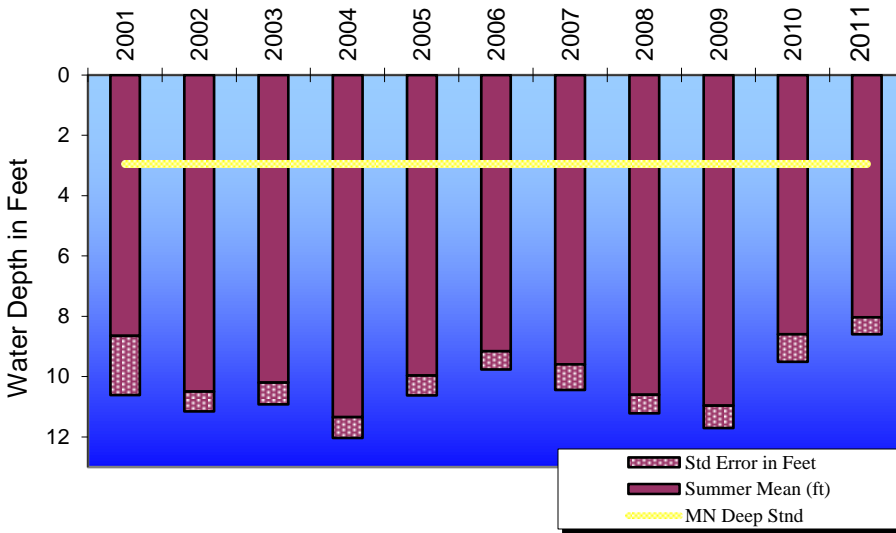
*Note: Littoral area is defined by the portion of lake less than 15 ft. and dominated by aquatic vegetation.



Summary Points

- 2001 was the first sampling season for Fireman's Lake.
- The lake area to lakeshed Area ratio is 11:1, which is beneficial to the lake since the nutrient load from the watershed is relatively small.
- The dominant land use within the lakeshed is developed (54%).
- The water clarity is better (clearer) than the MN deep lake standard but has declined several years in a row.
- There is no fish consumption information available for this lake.
- The City of Chaska operates a swimming beach on Fireman's Lake.

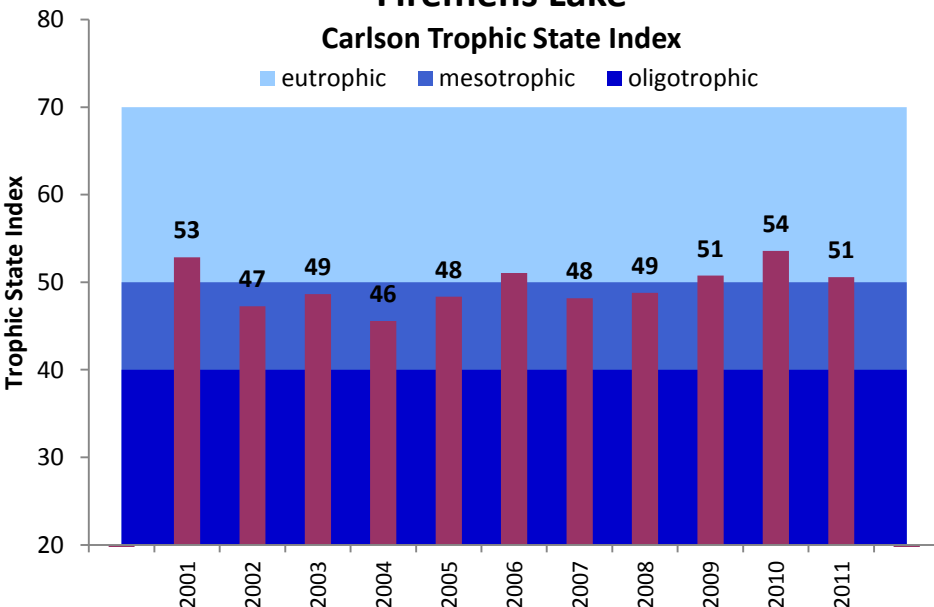
Summer Mean Secchi Depth (Water Clarity)



Firemens Lake

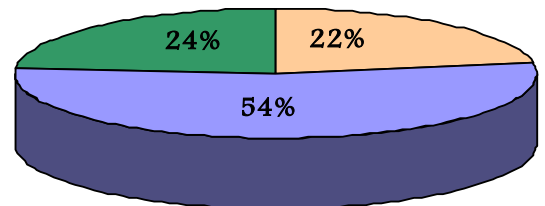
Carlson Trophic State Index

eutrophic mesotrophic oligotrophic



NOTE: The 2011 Carver County Water quality report can be accessed through the Carver County website (<http://www.co.carver.mn.us/departments/LWS/wqmp.asp>) as a report that can be downloaded or through an interactive GIS water quality mapping program.

Land Use within the Lakeshed



Agriculture Developed Natural