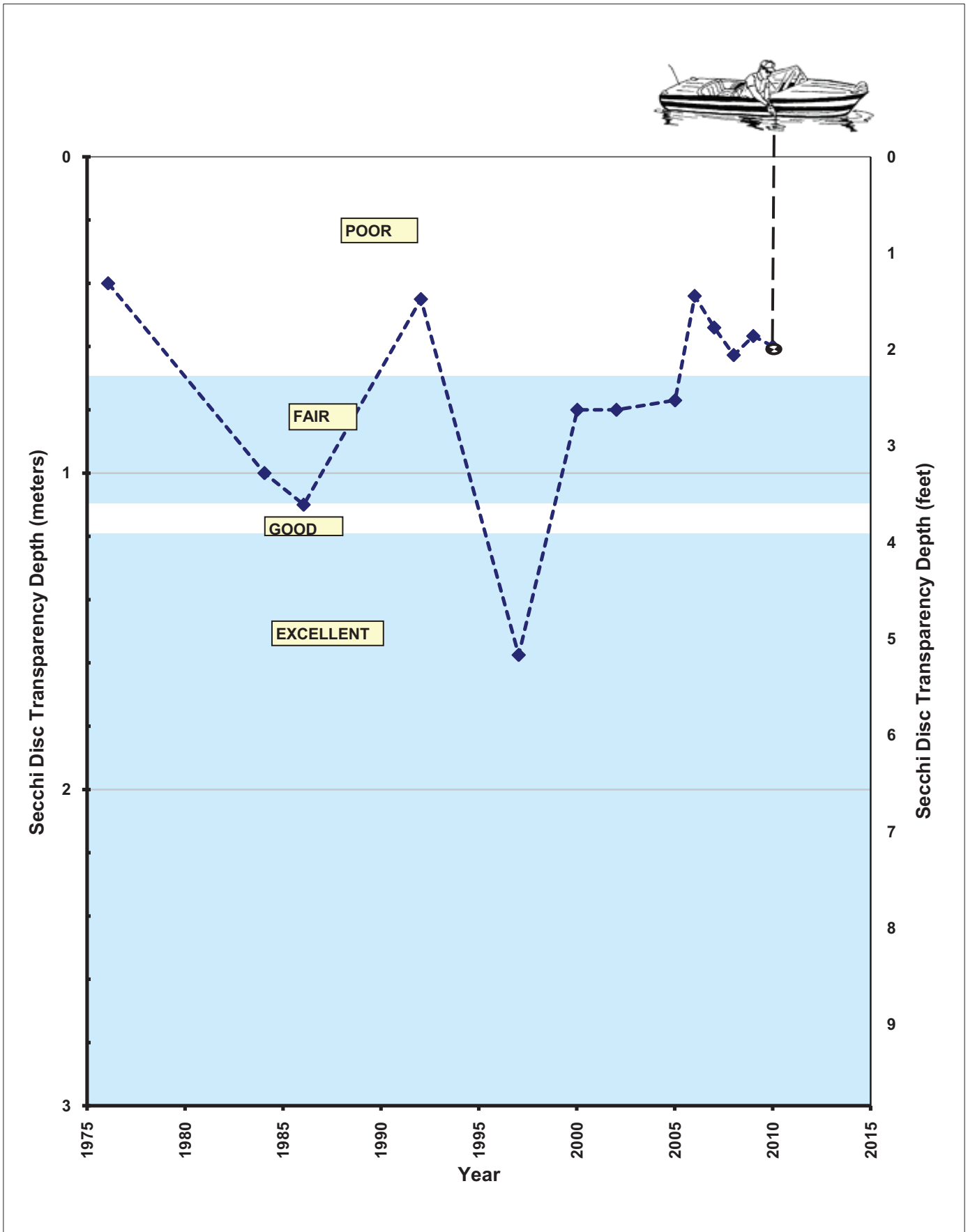
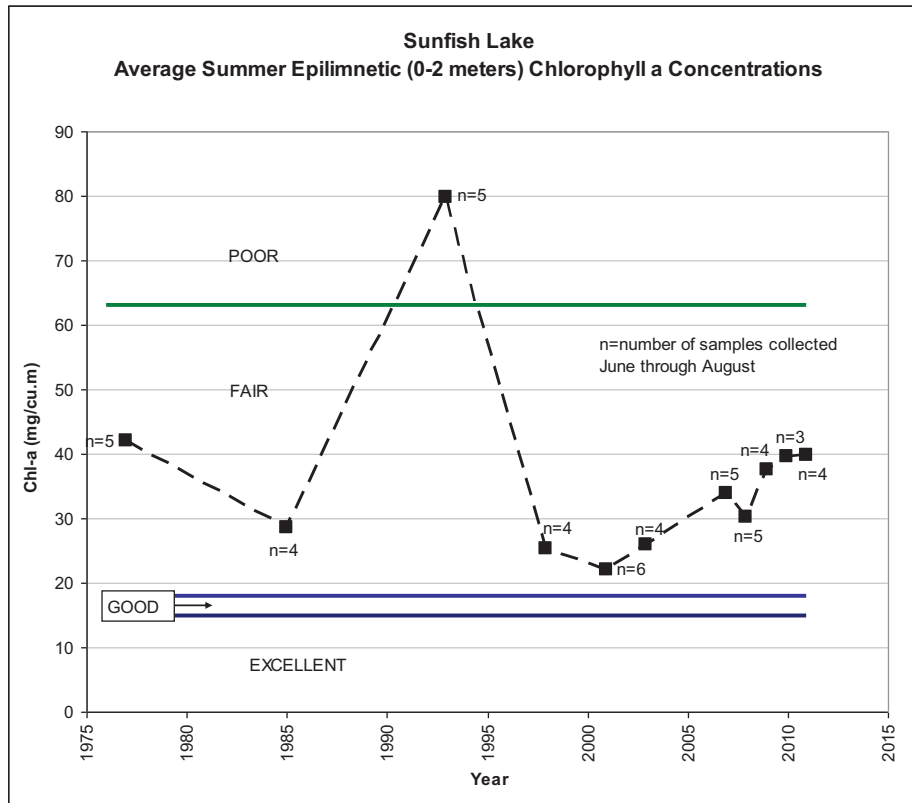
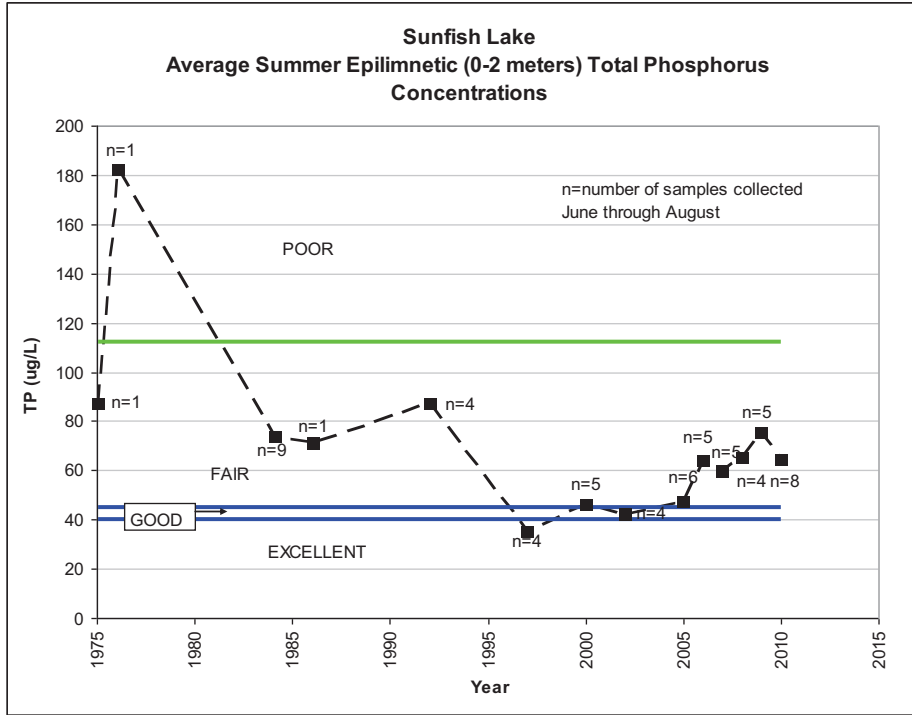


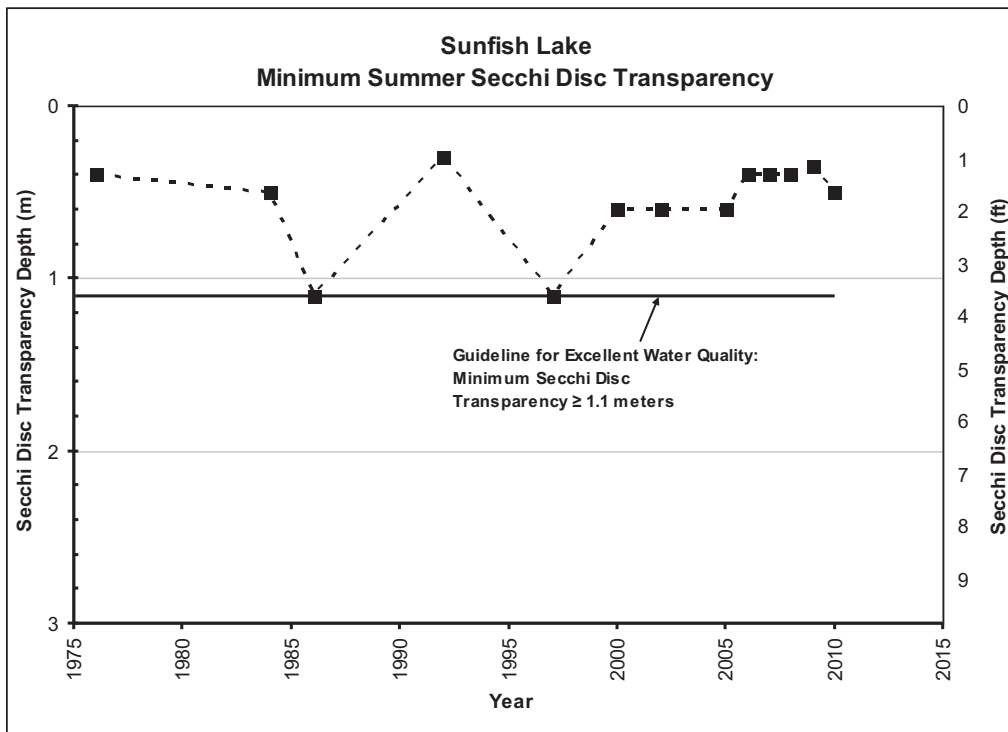
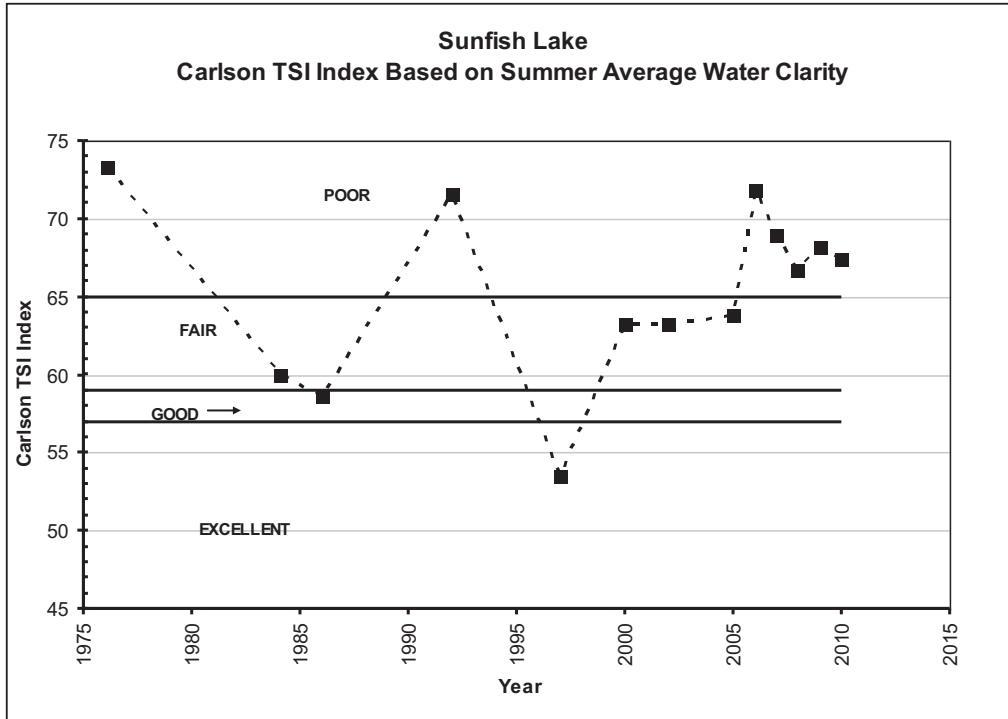
**Sunfish Lake**



SUNFISH LAKE  
 SUMMER AVERAGE WATER CLARITY  
 Valley Branch Watershed District

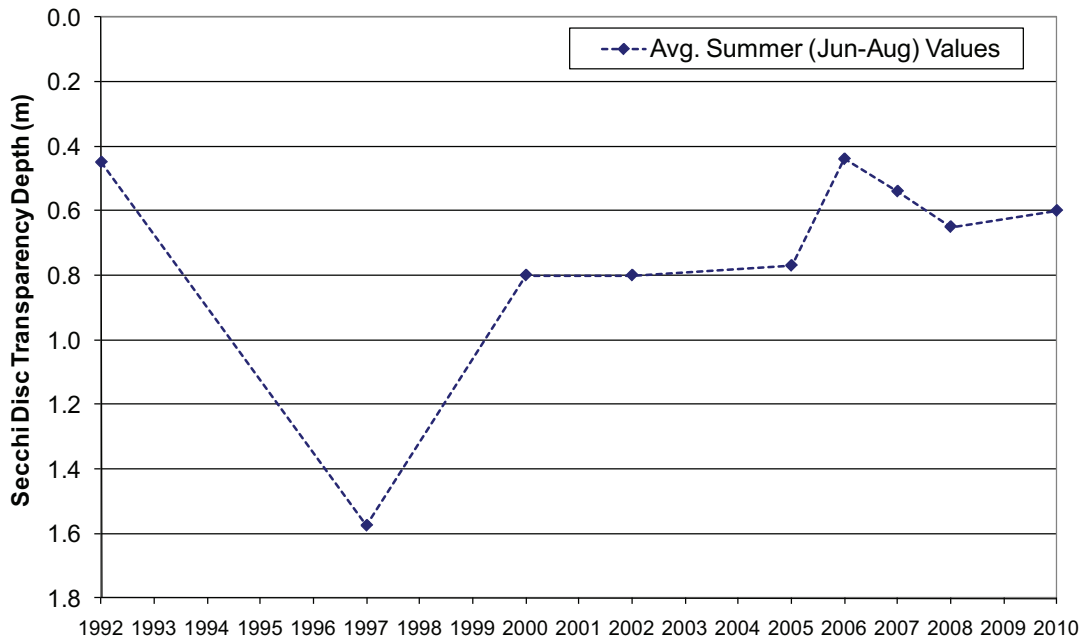


**SUNFISH LAKE  
HISTORIC WATER QUALITY DATA  
Valley Branch Watershed District**



## SUNFISH LAKE HISTORIC WATER QUALITY DATA Valley Branch Watershed District

**Sunfish Lake  
Secchi Disc Transparency Depths**



**Mann-Kendall/Sen's Slope Trend Test  
(Test Period – 2001 to 2010)**

| Confidence Level | Test Statistic = -5 |                 |
|------------------|---------------------|-----------------|
|                  | Test                | Significance    |
| 99%              | -5 > -14            | Not Significant |
| 95%              | -5 > -12            | Not Significant |
| 90%              | -5 > -10            | Not Significant |
| 80%              | -5 > -9             | Not Significant |
| Sen's Slope      | -0.025 meters/year  |                 |

Notes:

1. Points shown in the graph are the summer average (June-August) Secchi disc transparency depths. Only years with a calculated summer average based on at least 4 measured values are plotted. At least 5 data points were required to complete the trend test.

