

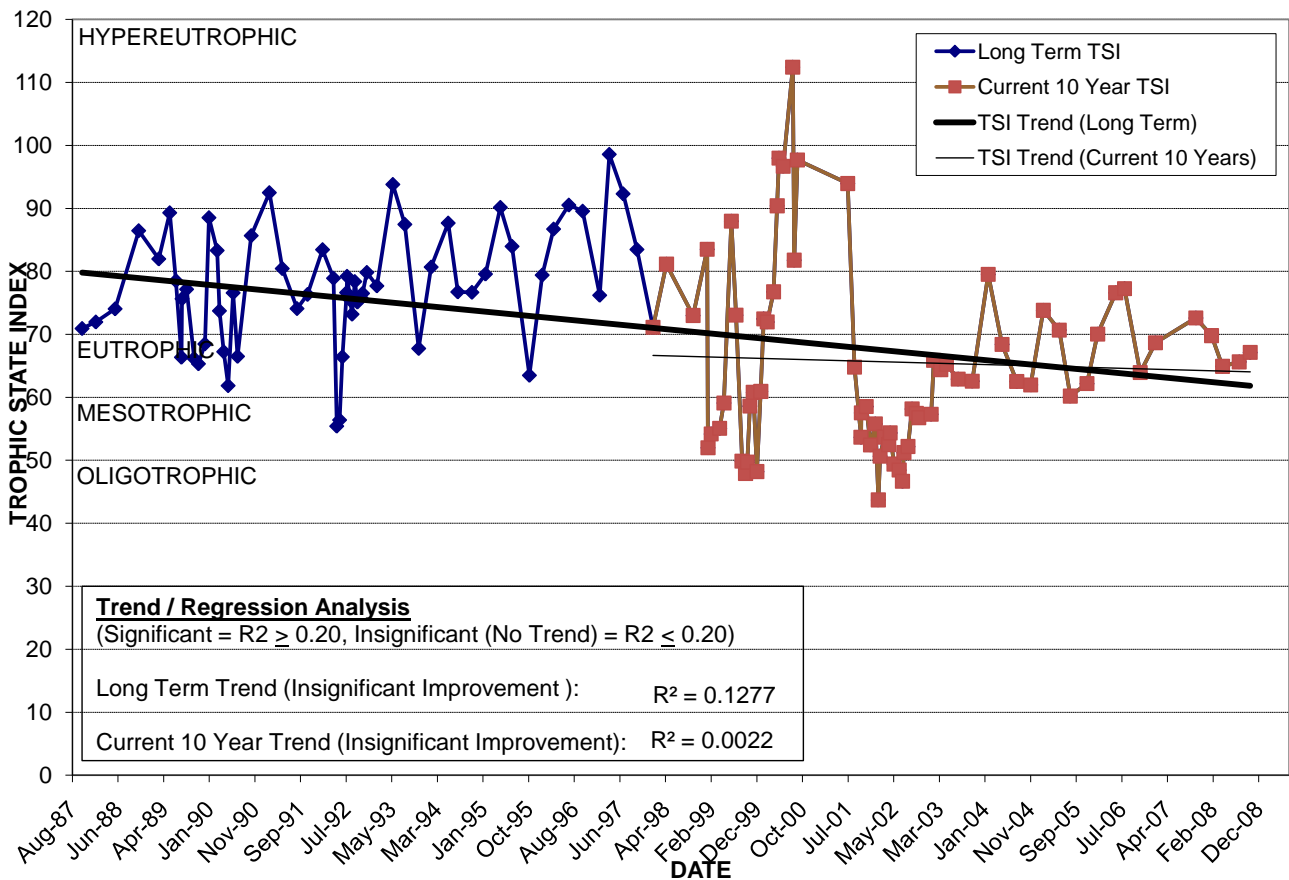
# LAKE DAVIS

Location: Lat **N 28° 31' 52.7"** Long **W 81° 22' 00.5"**  
 Section **36** Township **22S** Range **29E**  
 Lake Surface Area: **17 acres**  
 Lake Volume: **4,603,127 ft<sup>3</sup>**  
 Shoreline Length: **4,304 ft (1,312 m)**  
 Mean Depth: **6.2 ft (1.9 m)**  
 Maximum Depth:

Water Management District: **St. Johns River**  
 Drainage Code: **SJ-LE-26**  
 Drainage Basin Area: **122 acres**  
 Land Use: **53% Res, 3% Com, 7% Vac**  
 Drain Wells: **1** Aeration: **No**  
 Lake Origin: **Natural**  
 Grass Carp (*Ctenopharyngodon idella*): **No**

2008 Water Quality Data		TSI Ranking: 91 (out of 95 lakes)			
	Total Phosphorus (mg/l)	Total Nitrogen (mg/l)	Secchi Depth (m)	Chlorophyll-a (mg/m3)	Trophic State Index
Minimum	0.070	1.32	0.6	20.9	65
Maximum	0.138	2.17	0.9	49.3	70
Average	0.099	1.56	0.7	31.0	67

**Long-Term Trophic State Index Values and Linear Regression Trend Line**



**Comments:** Lake restoration measures include a draw down in the 1970's with partial muck removal and a whole lake alum treatment in 1992. Neither project resulted in long-term improvements. A draw down of the lake in spring of 1999 appears to have resulted in short term improvements. The lake went dry in 2001 and entire bottom was dredged to remove muck, resulting in water quality improvements. Historic high TSI values may have been due to suspension of nutrient rich sediments by wind and large winter bird population.

**Location:** East side of Summerlin Ave., south of Anderson St.