

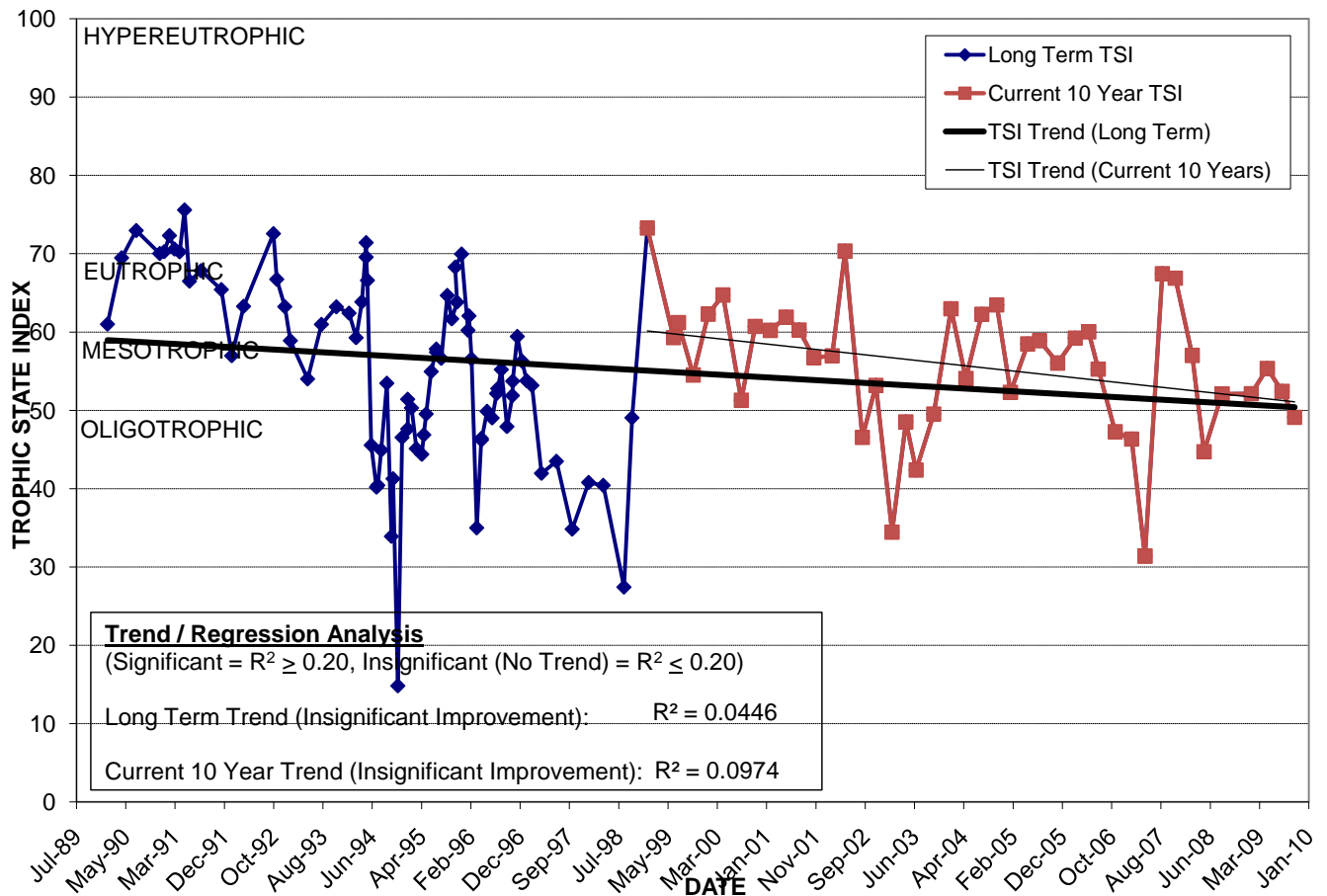
LAKE LUCERNE WEST

Location: Lat **N 28° 32' 06.4"** Long **W 81° 22' 41.9"**
 Section **35**, Township **22S** Range **29E**
 Lake Surface Area: **12 acres**
 Lake Volume: **6,049,800 ft³**
 Shoreline Length: **2,888 ft (880 m)**
 Mean Depth: **11.7 ft (3.6 m)**
 Maximum Depth: **19.9 ft (6.1 m)**

Water Management District: **St. Johns River**
 Drainage Code: **SJ-LE-28**
 Drainage Basin Area: **298 acres ***
 Land Use: **5% Res, 31% Com, 20% Vac ***
 Drain Wells: **1** Aeration: **Yes** (installed 10/86)
 Lake Origin: **Natural**
 Grass Carp (*Ctenopharyngodon idella*): **Yes**

2009 Water Quality Data		TSI Ranking: 48 (out of 95 lakes)			
	Total Phosphorus (mg/l)	Total Nitrogen (mg/l)	Secchi Depth (m)	Chlorophyll-a (mg/m ³)	Trophic State Index
Minimum	0.029	0.52	1.0	12.9	49
Maximum	0.049	0.76	1.4	20.7	55
Average	0.035	0.59	1.2	15.8	52

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



Location: Split by Orange Ave. just south of SR 408 (East/West Expressway).