

LAKE HOLDEN

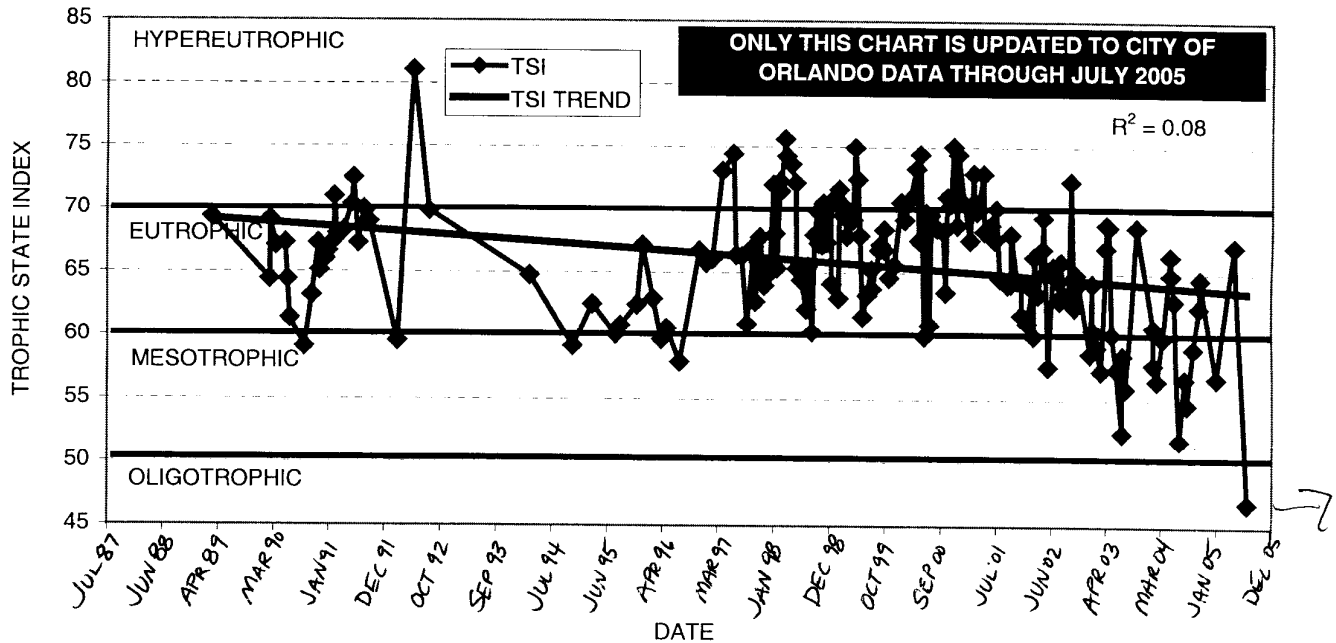
Location: Lat N 28° 30' 28.4" Long W 81° 23' 12.1"
 Section 11 Township 23N Range 29E
 Lake Surface Area: 263 acres
 Lake Volume: 147,380,800 ft³
 Shoreline Length: 55,650 ft (16,967 m)
 Mean Depth: 12.9 ft (3.9 m)
 Maximum Depth: 30 ft (9.1 m)

Water Management District: **St. Johns River**
 Drainage Code: **SF-BC**
 Drainage Basin Area: **741 acres**
 Land Use: **50% Res, 41% Com, 8% Vac**
 Drain Wells: **No** Aeration: **No**
 Lake Origin: **Natural**
 Grass Carp (*Ctenopharyngodon idella*): **Yes**

2004 Water Quality Data		TSI Ranking: 76th (out of 93 lakes)			
	Total Phosphorus (mg/l)	Total Nitrogen (mg/l)	Secchi Depth (m)	Chlorophyll-a (mg/m3)	Trophic State Index
Minimum	0.019	0.89	0.5	14.5	52
Maximum	0.042	1.34	1.1	31.4	66
Average	0.033	1.14	0.8	23.4	62

Long-Term Water Quality Data From 1/01 To 10/04					
	Total Phosphorus (mg/l)	Total Nitrogen (mg/l)	Secchi Depth (m)	Chlorophyll-a (mg/m3)	Trophic State Index
Minimum	0.019	0.82	0.3	12.8	52
Maximum	0.085	2.20	1.5	89.2	81
Average	0.038	1.37	0.7	43.7	66

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



Comments: Parcels on the Northeast border of the lake were recently annexed into the City of Orlando. City operates alum injection system for stormwater treatment.

Location: South of W. Michigan St., north of Gatlin Ave., east of S. Orange Blossom Trl.