

LAKE BALDWIN

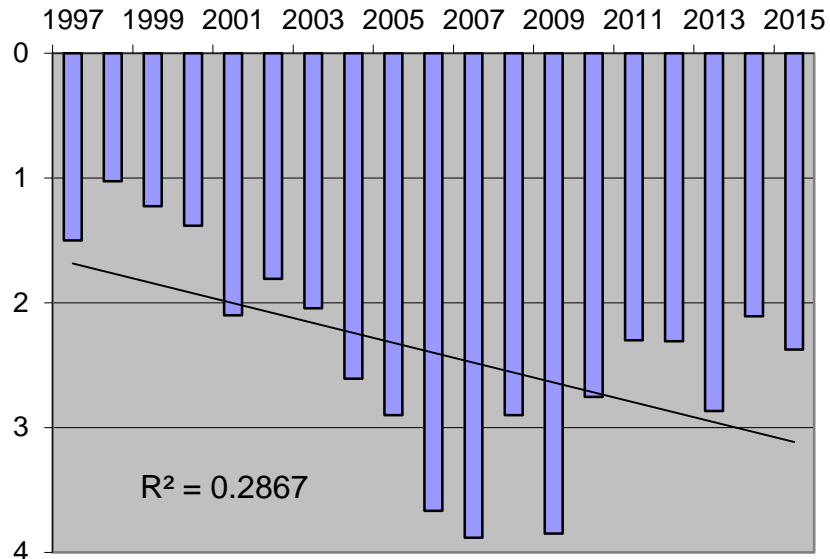
Lake Baldwin water clarity 1997 through 2015 (in meters)

Surface Area:
188 acres

Drainage Basin:
522 acres

Average Depth:
11 feet (approx.)

OHW Elevation:
91.5 feet NGVD



General Information: Most of Lake Baldwin lies within the City of Orlando. Less than ten percent of the lake's surface area lies within Winter Park. Lake Baldwin is one of two Winter Park Lakes that lie outside of the Howell Branch Creek drainage basin (Lake Spier is the other). Water flows to Lake Baldwin from groundwater seepage, and from numerous outfalls outside of the City of Winter Park. Water flows from Lake Baldwin to the Econlockhatchee River system through a series of ditches, canals, and the Little Econlockhatchee River. There is a large park, Lake Baldwin Park, located on the shore of the Winter Park portion of the lake. The park has a boat ramp for accessing the lake. Winter Park does not allow the use of internal combustion engines on the lake, but fishing boats may be launched as long as oars, or electric motors are used. The City of Orlando has not set any use restrictions for Lake Baldwin, but currently the only access point is through the Winter Park's ramp.

Water Quality: Water quality in Lake Baldwin is primarily affected by stormwater runoff. Statistical analysis of annual average Secchi disk transparency data from 1997 through 2015 shows a slight improvement in water clarity. Improvements may be attributed to the Baldwin Park stormwater treatment systems and the re-establishment of aquatic plants in the lake.

Management Efforts: As most of the Lake Baldwin lies within the City of Orlando, Winter Park's management efforts have been limited to aquatic plant management and bacterial monitoring of the beach area at Lake Baldwin Park. Most of the lake's drainage basin lies within Baldwin Park (the former Orlando Naval Training Center property). During the redevelopment of this property, the owners will have to meet current state and local standards for stormwater management. Since the old navy base was built prior to any stormwater management rules, it is possible that future discharges to Lake Baldwin will be cleaner than in the past.