

LAKE SPIER

Lake Spier water clarity 1998 through 2015 (in meters)

Size:

26 acres

Drainage Basin:

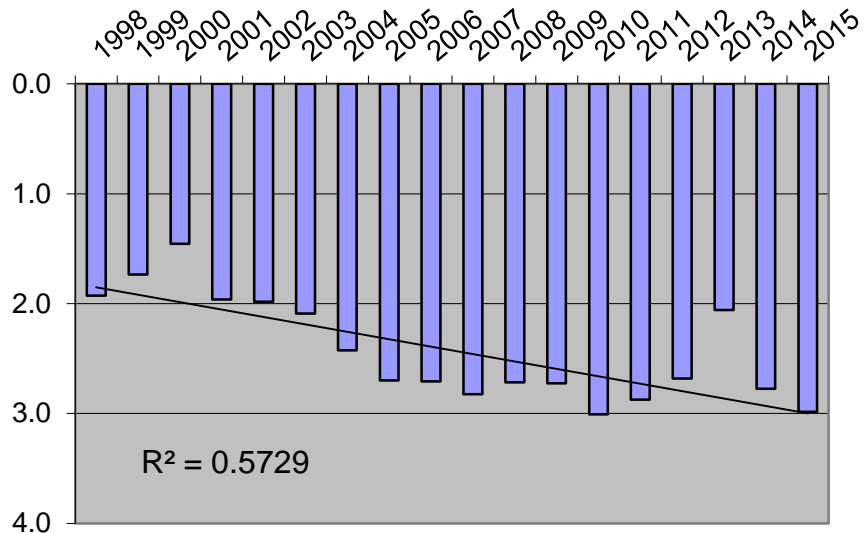
35 acres

Average Depth:

10 feet (approx.)

OHW Elevation:

90.5 feet NGVD



General Information: Lake Spier is one of two Winter Park lakes that are not in the Howell Branch Creek Basin. Lake Spier (and Lake Baldwin) lie within the Econlockhatchee River drainage basin. Water enters the lake through stormwater runoff and groundwater seepage. Water leaves Lake Spier through a drainage well located on the south shore of the lake, and possibly through a culvert connection to Lake Baldwin.

Water Quality: Stormwater runoff is the biggest factor affecting water quality in Lake Spier. Annual average Secchi disk transparency data from 1998 through 2015 show a positive statistical trend toward improving water clarity.

Management Efforts: Lake Spier's small drainage basin, relative to the lake's surface area, probably helps to protect the lake from excessive nutrient enrichment. A small swale and debris screen on Glenridge Way helps to treat runoff from the largest outfall to the lake. Other Management activities include periodic aquatic plant control treatments.