



Water-Data Report 2006

275815081444201 Local number Lake McLeod Shallow Well near Eagle Lake, FL.

Surficial aquifer system
 Nonartesian Sand Aquifer
 Polk County, FL

LOCATION.--Lat 27°58'15", long 81°44'42" referenced to North American Datum of 1927, in NW ¼ SE ¼ SE ¼ sec.7, T.29 S., R.26 E., Polk County, FL, Hydrologic Unit 03100101, at intersection Eagle Loop Road and Lake McLeod Road, and 1.0 mi east of Eagle Lake.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 26 ft. Upper casing diameter 1.25 in; top of first opening 24 ft, bottom of last opening 26 ft. Drilled, observation, water-table well.

DATUM.--Land-surface datum is 139.25 ft above North American Vertical Datum of 1929. Measuring point: Top of casing, 2.50 ft above land-surface datum.

PERIOD OF RECORD.--May 1965 to September 2006 (periodic), discontinued. Records of water levels prior to January 1974 are available in files of the Geological Survey.

GAGE.--Periodic measurement with chalked tape by USGS personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 136.20 ft NGVD, Oct. 7, 2004; lowest measured, 122.93 ft NGVD, June 1, 1977.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

[Measurement method: S, steel tape; O, observed. Water-level status: --, static; W, well was destroyed (no subsequent water levels should be recorded).]

Date	Water level	Measure-ment method	Water level status	Date	Water level	Measure-ment method	Water level status
Oct 7	133.45	S	--	Apr 12		O	W
Nov 28		O	W	May 31		O	W
Jan 30		O	W	Aug 1		O	W

Water year 2006; lowest: 133.45 Oct 07, 2005 highest: 133.45 Oct 07, 2005