



Water-Data Report 2009

283333081233501 Local number Lake Adair 9 Deep Well at Orlando, FL.

Floridan aquifer system
Floridan Aquifer
Orange County, FL

LOCATION.--Lat 28°33'37", long 81°23'35" referenced to North American Datum of 1927, in NW ¼ NW ¼ SW ¼ sec.23, T.22 S., R.29 E., Orange County, FL, Hydrologic Unit 03080101, 25 ft northeast of intersection of Westmoreland Drive and Lake Adair Boulevard in Orlando. Owner: U.S. Geological Survey.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 1,281 ft. Upper casing diameter 20 in; top of first opening 601 ft, bottom of last opening 1,281 ft. Drilled, unused, artesian well, cased to 601 ft.

DATUM.--Land-surface datum is 80.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 4 ft above land-surface datum, April 28, 1998, to present.

PERIOD OF RECORD.--January 1961 (annually); November 1962 to August 1973; September 1973 to September 1983 (bimonthly); October 1983 to January 1984 (monthly); January 1984 to June 1988; July 1988 to September 2007(monthly); May 2008 to current year (semiannually).

GAGE.--Semiannual measurement with chalked or electric tape.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 60.24 ft above NGVD of 1929, Aug. 9, 1966; lowest water level measured, 38.03 ft above NGVD of 1929, May 22, 2000.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

[Measurement method: S, steel tape. Water-level status: --, static.]

Date	Water level	Measurement method	Water- level status
Sep 21	48.71	S	--