



Water-Data Report 2007

**281008081441804 Local number LAKE ALFRED SAS REPLACEMENT WELL NR LAKE ALFRED, FL**

Surficial aquifer system  
 Nonartesian Sand Aquifer  
 Polk County, FL

LOCATION.--Lat 28°10'07", long 81°44'15" referenced to North American Datum of 1983, in SW ¼ NW ¼ NW ¼ sec.5, T.27 S., R.26 E., Polk County, FL, Hydrologic Unit 03100208, on west side of Pit Road, 100 ft north of intersection with State Highway 557, 1.2 mi south of Interstate Highway 4, and 5.0 mi north of Lake Alfred. Owner: Southwest Florida Water Management District.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 16.4 ft. Upper casing diameter 2 in, top of first opening 11.4 ft, bottom of last opening 16.4 ft. Drilled, observation, nonartesian well, cased to 11.4 ft.

DATUM.--Land-surface datum is 137.56 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.80 ft above land-surface datum, April 16, 2007, to present.

PERIOD OF RECORD.--May 2007 to September 2007 (monthly).

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 129.79 ft above NGVD of 1929, Sept. 17, 2007; lowest measured, 126.79 ft above NGVD of 1929, June 25, 2007.

**WATER SURFACE ELEVATION IN FEET NGVD 1929  
 WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

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

Date	Water level	Measure-ment method	Water level status	Date	Water level	Measure-ment method	Water level status
May 21	127.26	S	--	Aug 28	129.77	S	--
Jun 25	126.79	S	--	Sep 17	129.79	S	--
Jul 23	128.07	S	--	26	129.42	S	--

Water year 2007; lowest: 126.79 Jun 25, 2007 highest: 129.79 Sep 17, 2007