



Water-Data Report 2007

**281008081441802 Local number Lake Alfred Shallow Well near Lake Alfred, FL.**

Surficial aquifer system  
 Nonartesian Sand Aquifer  
 Polk County, FL

LOCATION.--Lat 28°10'08", long 81°44'18" referenced to North American Datum of 1927, 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: U.S. Geological Survey.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 9. ft. Upper casing diameter 6 in, top of first opening 6 ft, bottom of last opening 9 ft. Drilled, observation, nonartesian well, cased to 6 ft.

DATUM.--Land-surface datum is 137.17 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.40 ft above land-surface datum, Oct. 25, 2001, to present.

PERIOD OF RECORD.--October 1960 to September 1977 (monthly); October 1977 to September 1983 (bimonthly); October 1983 to September 1997, April 1998 to March 2007 (monthly), discontinued.

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

REMARKS.--Well destroyed March 2007.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 137.02 ft above NGVD of 1929, Aug. 23, 1999; well observed dry on numerous visits.

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

[Measurement method: S, steel tape; O, observed. Water-level status: D, site was dry (no water level was recorded); 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 26 |             | S                   | D                  | Jan 24 |             | S                   | D                  |
| Nov 27 |             | S                   | D                  | Feb 26 |             | S                   | D                  |
| Dec 18 |             | S                   | D                  | Mar 26 |             | O                   | W                  |

Water year 2007; lowest: -- highest: --

Period of record; lowest: 126.5 Jul 30, 1986 highest: 137.0 Aug 23, 1999

Record available from Oct 01, 1960, to Mar 26, 2007; 366 entries