



Water-Data Report 2011

274440081314801 Local number COLEY WELL AT FROSTPROOF FL

Intermediate aquifer system
Hawthorn Limestone Aquifer

Polk County, FL

LOCATION.--Lat 27°44'39.77", long 81°31'46.1" referenced to North American Datum of 1983, S33 T31S R28E, Polk County, FL, Hydrologic Unit 03090101.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 319 ft. Upper casing diameter 6 in; top of first opening 208 ft, bottom of last opening 319 ft.

DATUM.--Land-surface datum is 97.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Shelter floor, 1.13 ft above land-surface datum, 2000 to present.

PERIOD OF RECORD.--November 1949 to September 1983 (bimonthly), incomplete; May 1984 to September 2011 (miscellaneous water level measurements), discontinued. Records of water levels prior to January 1974 are available in files of the Geological Survey. Prior to October 1977, published as P-51.

GAGE.--Miscellaneous measurement with chalked tape.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 94.17 ft NGVD, Sep. 24, 1949; lowest measured, 63.81 ft NGVD, May 6, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[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 23	75.87	S	--	Sep 15	83.77	S	--

Water year 2011 lowest: 75.87, May 23, 2011, highest: 83.77, Sep 15, 2011