

265529081185201 Local number GL-267 Well near Palmdale, FL

Intermediate aquifer system
Hawthorn Limestone Aquifer

Glades County, FL

LOCATION.--Lat 26°55'29", long 81°18'52" referenced to North American Datum of 1927, in NE ¼ SW ¼ NW ¼ sec.10, T.41 S., R.30 E., Glades County, FL, Hydrologic Unit 03090103, 100 ft north of Palmdale Fire Tower, 500 ft northwest of intersection of U.S. Highway 27 and State Highway 29, and 2.0 mi south of Palmdale. Owner: Florida Division of Forestry.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 600 ft. Upper casing diameter 4 in; top of first opening 450 ft, bottom of last opening 600 ft. Drilled, domestic, artesian well, cased to 450 ft.

DATUM.--Land-surface datum is 42.15 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1 inch tee, 2.68 ft above land-surface datum, July 7, 2009, to present. Nov. 12, 1986 to July 6, 2009, at datum 1.79 ft lower. Oct. 1, 1978 to Nov. 11, 1980 at datum 0.50 ft lower. Prior to Oct. 1, 1978, land-surface datum was considered to be 41 ft, from topographic map.

PERIOD OF RECORD.--December 1971 to May 1976 (annually); July 1976 to current year (bimonthly).

GAGE.--Bimonthly measurement with pressure gage, chalked or electric tape.

REMARKS.--Water level affected by pumping of nearby well.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 47.25 ft above NGVD of 1929, Sept. 7, 1976; lowest measured, 35.89 ft above NGVD of 1929, May 30, 2007.

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

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

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 14	39.01	S	--	Mar 23	37.06	T	--
Dec 7	37.64	S	--	Jun 7	35.97	S	--
Feb 15	36.65	T	--	Aug 3	36.93	T	--

Water year 2011 lowest: 35.97, Jun 7, 2011, highest: 39.01, Oct 14, 2010