



Water-Data Report 2006

**302052081323201 Local number D-3060. Arlington East Sewage Treatment Plant Well at Jacksonville, FL.**

Floridan aquifer system  
 Floridan Aquifer  
 Duval County, FL

LOCATION.--Lat 30°20'52", long 81°32'32" referenced to North American Datum of 1927, in SE ¼ SW ¼ NW ¼ sec.7, T.2 S., R.28 E., Duval County, FL, Hydrologic Unit 03080103, 80 ft north of North Plant Road and 900 ft east of Millcove Road. Owner: St. Johns River Water Management District.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 2,112 ft, cased to 2,050 ft.

DATUM.--Land-surface datum is 28.44 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 6 inch well flange, 3.55 ft above land-surface datum.

PERIOD OF RECORD.--February 1983 to September 2006 (monthly), discontinued.

GAGE.--Monthly measurement with chalked tape or pressure gage.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 36.39 ft above NGVD of 1929, Apr. 30, 1986; lowest measured, 13.35 ft above NGVD of 1929, May 30, 2006.

**WATER SURFACE ELEVATION IN FEET NGVD 1929  
 WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

[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
Oct 25	26.26	S	--	Apr 26	15.29	S	--
Nov 14	25.94	S	--	May 30	13.35	S	--
Dec 15	27.05	S	--	Jun 28	13.61	S	--
Jan 25	26.93	S	--	Jul 25	13.58	S	--
Feb 22	26.66	S	--	Aug 24	14.08	S	--
Mar 22	17.13	S	--	Sep 27	15.39	S	--

Water year 2006; lowest: 13.35 May 30, 2006 highest: 27.05 Dec 15, 2005