



Water-Data Report 2006

**302519081331501 Local number D-1152. Jacksonville Electric Authority Well at Jacksonville, FL.**

Floridan aquifer system  
 Floridan Aquifer  
 Duval County, FL

LOCATION.--Lat 30°25'19", long 81°33'15" referenced to North American Datum of 1927, in NE ¼ SE ¼ NW ¼ sec.13, T.1 S., R.27 E., Duval County, FL, Hydrologic Unit 03080103, located at Jacksonville Electric Authority Northside Generating Station at 4377 Heckscher Drive, 6.8 mi east of intersection of U.S. Highway 17 and Heckscher Drive in Jacksonville. Owner: Jacksonville Electric Authority.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Drilled, industrial, artesian well, diameter 16 in., depth 1,104 ft, cased to 520 ft.

DATUM.--Land-surface datum is 13.96 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of concrete slab, at land-surface datum.

PERIOD OF RECORD.--October 1980 to September 2006 (quarterly), discontinued.

GAGE.--Quarterly measurement with pressure gage.

REMARKS.--No water level data collected at times when well is in use.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 54.16 ft above NGVD of 1929, Apr. 22, 2004; lowest measured, 30.26 ft above NGVD of 1929, July 24, 1981.

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

[Measurement method: G, pressure gage. Water-level status: --, static.]

Date	Water level	Measure-ment method	Water level status	Date	Water level	Measure-ment method	Water level status
Dec 2	37.96	G	--	Apr 25	37.46	G	--
Jan 24	42.46	G	--	Jul 27	38.76	G	--

Water year 2006; lowest: 37.46 Apr 25, 2006 highest: 42.46 Jan 24, 2006

**302519081331501 Local number D-1152. Jacksonville Electric Authority Well at Jacksonville, FL.—Continued****WATER-QUALITY RECORDS**

PERIOD OF RECORD.--Water years 1980 to September 2006 (discontinued).

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

<b>Date</b>	<b>Time</b>	<b>Specif. conduc- tance, wat unf uS/cm 25 degC (00095)</b>	<b>Temper- ature, water, deg C (00010)</b>	<b>Chlor- ide, water, fltrd, mg/L (00940)</b>
<b>Dec</b>				
<b>02...</b>	1010	527	19.5	21.5
<b>Jan</b>				
<b>24...</b>	0940	447	22.5	21.9
<b>Apr</b>				
<b>25...</b>	1010	521	27.5	21.2
<b>Jul</b>				
<b>27...</b>	1020	524	28.5	21.6