Water-Data Report 2006

302503081332001 Local number D-1149. Jacksonville Electric Authority Well at Jacksonville, FL.

Floridan aquifer system
Floridan Aquifer

Duval County, FL

LOCATION.--Lat 30°25′03″, long 81°33′20″ referenced to North American Datum of 1927, in NE ¼ NE ¼ SW 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 10.94 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 16 inch flange, 1.50 ft above land-surface datum. Prior to July 2002, land-surface datum was considered to be 10.00 ft from topographic map.

PERIOD OF RECORD.--January 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, 50.24 ft above NGVD of 1929, July 27, 2004, present datum; lowest measured, 27.94 ft above NGVD of 1929, July 24, 1981, present datum.

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	38.44	G	--	Apr 25	43.24	G	--
Jan 24	49.84	G	--	Jul 27	49.24	G	--

Water year 2006; lowest: 38.44 Dec 02, 2005 highest: 49.84 Jan 24, 2006

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1977 to September 2006 (discontinued).

WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Date	Time	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Chlor-ide, water, fltrd, mg/L (00940)
Dec				
02...	1055	512	24.0	19.3
Jan				
24...	1020	526	24.0	22.3
Apr				
25...	1055	528	30.0	20.6
Jul				
27...	1100	465	28.5	20.5