



Water-Data Report 2006

302505081331001 Local number D-1150. Jacksonville Electric Authority Well at Jacksonville, FL.

Floridan aquifer system
 Floridan Aquifer
 Duval County, FL

LOCATION.--Lat 30°25'05", long 81°33'10" referenced to North American Datum of 1927, in NW ¼ NW ¼ SE 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 9.18 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 16 inch flange, 0.70 ft above land-surface datum.

PERIOD OF RECORD.--January 1981 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, 51.13 ft above NGVD of 1929, July 20, 1995; lowest measured, 27.78 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	37.88	G	--	Apr 25	37.38	G	--
Jan 24	42.38	G	--	Jul 27	40.08	G	--

Water year 2006; lowest: 37.38 Apr 25, 2006 highest: 42.38 Jan 24, 2006

302505081331001 Local number D-1150. Jacksonville Electric Authority Well at Jacksonville, FL.—Continued**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--Water years 1976, 1979-2006, 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...	1040	610	23.0	38.9
Jan				
24...	1010	535	25.0	22.4
Apr				
25...	1045	534	29.5	21.8
Jul				
27...	1050	564	27.5	22.0