302502081330701 Local number D-228. Jacksonville Electric Authority Well at Jacksonville, FL.

Floridan aquifer system
Floridan Aquifer

Duval County, FL

LOCATION.--Lat 30°24′59″, long 81°33′03″ 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 850 ft, casing length unknown.

DATUM.--Land-surface datum is 9.43 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 16 inch flange, 1.00 ft above land-surface datum, April 25, 1980, to present.

PERIOD OF RECORD.--October 1979 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, 38.83 ft above NGVD of 1929, Mar. 9, 1984; lowest measured, 27.83 ft above NGVD of 1929, July 27, 2000.

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	Measurement method	Water level status	Date	Water level	Measurement method	Water level status
Dec 2	36.43	G	--	Apr 25	32.63	G	--
Jan 24	36.73	G	--	Jul 27	30.23	G	--

Water year 2006; lowest: 30.23 Jul 27, 2006 highest: 36.73 Jan 24, 2006

302502081330701 Local number D-228. Jacksonville Electric Authority Well at Jacksonville, FL.—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1974, 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...	1110	342	21.0	35.0
Jan				
24...	1030	594	23.0	41.0
Apr				
25...	1105	515	25.3	40.1
Jul				
27...	1120	468	27.0	40.8