



Water-Data Report 2012

302724081244801 Local number D-395. Florida Park Service Well at Jacksonville, FL.

Floridan aquifer system
Floridan Aquifer System

Duval County, FL

LOCATION.--Lat 30°27'24", long 81°24'48" referenced to North American Datum of 1927, in land grant 42, T.1 S., R.29 E., Duval County, FL, Hydrologic Unit 03070205, well located at Little Talbot Island State Park, 2.2 mi north of Ft. George Inlet on State Highway A1A. Owner: Florida Park Service.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth undefined. Upper casing diameter undefined; top of first opening undefined, bottom of last opening undefined. Drilled, artesian well, diameter unknown, depth and casing length unknown.

DATUM.--Land-surface datum is 7.57 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4 inch tee, 2.50 ft above land-surface datum, May 2, 1977, to present.

PERIOD OF RECORD.--Water years 1966, 1969, 1972-76 (annually); 1977-89 (semiannually); 1991 to September 2006 (quarterly); May 2007 to current year (semiannually).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 44.17 ft above NGVD of 1929, May 10, 1966; lowest measured, 28.47 ft above NGVD of 1929, July 26, 2000.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

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

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Apr 25	30.9	H	--	Aug 23	32.6	H	--

Water year 2012 lowest: 30.9, Apr 25, 2012, highest: 32.6, Aug 23, 2012

302724081244801 Local number D-395. Florida Park Service Well at Jacksonville, FL.—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1974-79, 1985 to 2006 (quarterly); 2010 to current year (semiannually).

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 1 of 2

[CaCO₃, calcium carbonate; SiO₂, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	Color, water, filtered, platinum cobalt units (00080)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)	Temperature, water, °C (00010)	Dissolved solids dried at 180°C, water, filtered, mg/L (70300)	Hardness, water, mg/L as CaCO ₃ (00900)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)
08-23-2012	1015	--	--	491	24.2	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Part 2 of 2

[CaCO₃, calcium carbonate; SiO₂, silicon dioxide; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	Sodium, water, filtered, mg/L (00930)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)	Strontium, water, filtered, µg/L (01080)
08-23-2012	1015	--	19.4	--	--	--	--