



Water-Data Report 2010

302307081293801 Local number D-424. U.S. Park Service Well at Jacksonville, FL.

Floridan aquifer system
 Floridan Aquifer System
 Duval County, FL

LOCATION.--Lat 30°23'07", long 81°29'38" referenced to North American Datum of 1927, in NW ¼ SE ¼ SE ¼ sec.28, T.1 S., R.28 E., Duval County, FL, Hydrologic Unit 03080103, 106 ft southeast of Fort Caroline Road, and 0.2 mi northeast of Fort Caroline National Park entrance in Jacksonville. Owner: U.S. Park Service.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 700 ft. Upper casing diameter 6 in; top of first opening 426 ft, bottom of last opening 700 ft. Drilled, artesian well, cased to 426 ft.

DATUM.--Land-surface datum is 11.25 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of flange on 6 inch tee, 2.25 ft above land-surface datum, May 10, 1976, to present.

PERIOD OF RECORD.--December 1966, May 1968 to September 1978 (semiannually); January 1979 to September 2006 (bimonthly); October 2006 to September 2010 (semiannually), discontinued.

GAGE.--Semiannual measurements with pressure gage.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 43.55 ft above NGVD of 1929, Dec. 19, 1966; lowest measured, 22.05 ft above NGVD of 1929, June 8, 2000.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

[Measurement method: G, pressure gage; 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
May 19	28.3	G	--	Sep 16	26.8	H	--

Water year 2010 lowest: 26.8, Sep 16, 2010, highest: 28.3, May 19, 2010