



Water-Data Report 2012

301617081421601 Local number D-0115 J-0179

Floridan aquifer system
Floridan Aquifer System

Duval County, FL

LOCATION.--Lat 30°16'17", long 81°42'16" referenced to North American Datum of 1927, in land grant 42, T.3 S., R.26 E., Duval County, FL, Hydrologic Unit 03080103, well located 70 ft east of intersection of Baltic Circle and Manitou Avenue. Owner: City of Jacksonville.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 729 ft. Upper casing diameter 8 in; top of first opening 476 ft, bottom of last opening 729 ft. Drilled, unused, observation, artesian well, cased to 476 ft.

DATUM.--Land-surface datum is 16.15 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 8 inch tee, 2.70 ft above land-surface datum, Aug. 22, 1930, to present.

PERIOD OF RECORD.--August 1930, October 1930, May 1931, May 1937, June 1938, June 1939, November 1940, December 1940, 1941 to January 1982 (miscellaneous), May 1982 to September 2006 (semiannually), October 2006 to September 2010 (quarterly), October 2010 to current year (semiannually).

GAGE.--Semiannual measurement with pressure gage.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measurement, 60.8 ft above NGVD of 1929, August 22, 1930; lowest measured, 21.6 ft above NGVD of 1929, May 13, 2002.

**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 24	27.2	H	--	Aug 22	29.2	H	--

Water year 2012 lowest: 27.2, Apr 24, 2012, highest: 29.2, Aug 22, 2012