



Water-Data Report 2010

265550080070701 Local number PB 1732. USGS Observation Well near Jupiter, FL.

Surficial Aquifer System

Palm Beach County, FL

LOCATION.--Lat 26°55'48.2", long 80°07'06.9" referenced to North American Datum of 1983, in NE ¼ SE ¼ SW ¼ sec.2, T.41 S., R.42 E., Palm Beach County, FL, Hydrologic Unit 03090202, on Commerce Lane, one block east of Commerce Way, 0.3 mi south of State Road 706, 3.3 mi east of U.S. Interstate 95.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 253 ft. Upper casing diameter 3 in.; top of first opening 232 ft, bottom of last opening 253 ft.

DATUM.--Land-surface datum is 7.30 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 8.64 ft above National Geodetic Vertical Datum of 1929, Sept. 14, 2000, to present.

PERIOD OF RECORD.--September 2000 to current year.

INSTRUMENTATION.--Monthly measurement with chalked tape or electronic water-level meter.

REMARKS.--Well is also used for salinity monitoring. Records of water levels prior to October 2001 are available in the files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.15 ft NGVD, Oct. 5, 2004; lowest, 1.84 ft NGVD, Jan. 7, 2002.

WATER-QUALITY DATA

WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

[NGVD, National Geodetic Vertical Datum; ft, feet; mg/L, milligrams per liter; °C, degrees Celsius; μS/cm, microsiemens per centimeter]

Date	Sample start time	Specific conductance, water, unfiltered, μS/cm at 25 °C (00095)	Elevation above NGVD 1929, ft (72020)	Chloride, water, filtered, mg/L (00940)
October 13, 2009	1111	692	3.35	58
December 8, 2009	1044	--	3.75	--
January 13, 2010	1054	704	3.55	56
April 2, 2010	1035	707	4.40	25
July 12, 2010	1034	724	3.60	58
September 7, 2010	1058	--	3.99	--