

265611080080201 Local number PB 1733. USGS Observation Well near Jupiter, FL.

Surficial Aquifer System

Palm Beach County, FL

LOCATION.--Lat 26°56'11.6", long 80°08'02.0" referenced to North American Datum of 1983, in SW ¼ SW ¼ NE ¼ sec.3, T.41 S., R.42 E., Palm Beach County, FL, Hydrologic Unit 03090202, on southeast corner of North Central Boulevard and Riverwalk Road, 0.2 mi north of State Road 706, 1.1 mi east of U.S. Interstate 95.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 210 ft. Upper casing diameter 3 in.; top of first opening 189 ft, bottom of last opening 210 ft.

DATUM.--Land-surface datum is 11.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 12.45 ft above National Geodetic Vertical Datum of 1929, Sept. 14, 2000, to present.

PERIOD OF RECORD.--September 2000 to September 2009 (monthly), October 2009 to current year. See REMARKS.

INSTRUMENTATION.--Bimonthly water-level measurement with chalked steel tape or electric tape.

REMARKS.--Well is also used for quarterly 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, 5.81 ft NGVD, Nov. 6, 7, 2007; lowest, 0.81 ft NGVD, Sept. 14, 2000.

WATER-QUALITY DATA

WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

[NGVD, National Geodetic Vertical Datum; ft, feet; mg/L, milligrams per liter; °C, degrees Celsius; µS/cm, microsiemens per centimeter; --, no data]

Date	Sample start time	Specific conductance, water, unfiltered, µS/cm at 25 °C (00095)	Elevation above NGVD 1929, ft (72020)	Chloride, water, unfiltered, mg/L (99220)
October 1, 2010	1117	1,690	5.65	295
January 27, 2011	1136	1,700	3.03	295
March 29, 2011	1051	--	2.88	--
April 18, 2011	1129	1,630	2.63	280
July 14, 2011	1127	1,680	4.06	285
September 13, 2011	1304	--	5.46	--