

**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; 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: From Sept. 14, 2000, to present, measuring point has been top of casing, 12.45 ft above National Geodetic Vertical Datum of 1929.

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 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.--WATER-LEVEL ELEVATION: Highest water level measured, 5.81 ft NGVD, Nov. 6, 7, 2007; lowest, 0.81 ft NGVD, Sept. 14, 2000.

CHLORIDE CONCENTRATION: Highest measured chloride concentration, 320 mg/L, Several days during 2008, 2009; lowest, 160 mg/L, July 25, 2001, Jan. 7, 2002.

**WATER-QUALITY DATA**

**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

[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 18, 2011	1250	1,650	5.09	280
January 26, 2012	1135	1,590	3.68	280
April 13, 2012	1145	1,650	3.45	280
May 4, 2012	0947	--	3.65	--
July 17, 2012	1103	1,660	4.58	280
September 20, 2012	1117	--	5.62	--