

264912081024602 Local number GL -332S

Surficial Aquifer System

Glades County, FL

LOCATION.--Lat 26°49'11.6", long 81°02'46.3" referenced to North American Datum of 1983, Glades County, FL, Hydrologic Unit 03090202, on a berm just south of the Herbert Hoover Dike at Lake Okeechobee, 0.5 mi north of Palm Beach County Road 720 and 2.7 mi southeast of the Caloosahatchee River gate S-235.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 60 ft. Upper casing diameter 0.75; top of first opening 55 ft, bottom of last opening 60 ft.

DATUM.--Land-surface datum is 21.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: From April 18, 2011, to present, measuring point has been top of casing, 21.6 ft above National Geodetic Vertical Datum of 1929

PERIOD OF RECORD.--October 2011 to current year. See REMARKS.

INSTRUMENTATION.--Bimonthly measurement with chalked steel tape or electric tape. See REMARKS.

REMARKS.--Well is also used for salinity monitoring.

EXTREMES FOR PERIOD OF RECORD.--

WATER-LEVEL ELEVATION: Highest water level measured, 12.55 ft NGVD, Aug. 30, 2012; lowest, 11.38 ft NGVD, Feb. 28, 2012.

CHLORIDE CONCENTRATION: Highest measured chloride concentration, 520 mg/L, Apr. 26, 2012; lowest, 460 mg/L, Oct. 19, 2011.

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]

Date	Sample start time	Specific conductivity, water, unfiltered, µS/cm at 25°C (00095)	Elevation above NGVD 1929, ft (72020)	Chloride, water, unfiltered, mg/L (99220)
October 19, 2011	0843	2,290	11.99	460
December 15, 2011	0715	2,250	11.68	480
February 28, 2012	1310	2,330	11.38	500
April 26, 2012	0734	2,290	11.52	520
June 19, 2012	0659	2,280	11.46	500
August 30, 2012	0720	2,260	12.55	500